

Cardiogenesis Corp /CA
Form DEFM14A
May 05, 2011

Table of Contents

**UNITED STATES
SECURITIES AND EXCHANGE COMMISSION
Washington, D.C. 20549**

SCHEDULE 14A

**PROXY STATEMENT PURSUANT TO SECTION 14(a) OF THE SECURITIES
EXCHANGE ACT OF 1934**

Filed by the Registrant

Filed by a Party other than the Registrant

Check the appropriate box:

- Preliminary Proxy Statement
- Confidential, for use of the Commission Only (as permitted by Rule 14a-6(e)(2))
- Definitive Proxy Statement
- Definitive Additional Materials
- Soliciting Material Under Rule 14a-12

Cardiogenesis Corporation

(Name of Registrant as Specified in its Charter)

Payment of Filing Fee (Check the appropriate box):

- No fee required.
- Fee computed on table below per Exchange Act Rules 14a-6(i)(1) and 0-11

- (1) Title of each class of securities to which transaction applies:
Cardiogenesis Corporation common shares, no par value (**Common Shares**)
- (2) Aggregate number of securities to which transaction applies:
52,425,784 Common Shares
- (3) Per unit price or other underlying value of transaction computed pursuant to Exchange Act Rule 0-11 (set forth the amount on which the filing fee is calculated and state how it was determined):
The proposed maximum aggregate value of the transaction for purposes of calculating the filing fee is \$12,003,250.33. The filing fee was based upon (A) 26,265,318 shares of our common stock (including shares of unvested restricted stock) owned by persons other than CryoLife, Inc. or CL Falcon, Inc. and outstanding on May 4, 2011, multiplied by \$0.457 per share, plus (B) 2,142,440 options to acquire common stock with an exercise price below \$0.457 multiplied by \$0.457 per share minus such exercise price (which amount equals \$434,199.88) (the **Total Consideration**). The filing fee equals the product of 0.0001161 multiplied by the Total Consideration.

(4) Proposed maximum aggregate value of transaction:
\$12,437,450.21

(5) Total fee paid:
\$1,443.99

o Fee paid previously with preliminary materials.

p Check box if any part of the fee is offset as provided by Exchange Act Rule 0-11(a)(2) and identify the filing for which the offsetting fee was paid previously. Identify the previous filing by registration statement number, or the form or schedule and the date of its filing.

(1) Amount Previously Paid: \$2,891.15

(2) Form, Schedule or Registration proxy No: Schedule TO

(3) Filing party: CryoLife, Inc. and CL Falcon, Inc.

(4) Date Filed: April 5, 2011

Table of Contents

CARDIOGENESIS CORPORATION

**11 Musick
Irvine, CA 92618
(949) 420-1800**

May 6, 2011

Dear Shareholders:

You are cordially invited to attend a special meeting of shareholders (the **Special Meeting**) of Cardiogenesis Corporation, a California corporation (**Cardiogenesis, we, us or our**) to be held on Monday, May 16, 2011 at 8:30 a.m., Pacific Time, at Cardiogenesis principal offices, 11 Musick, Irvine, California 92618.

On March 28, 2011, we entered into an Agreement and Plan of Merger with CryoLife, Inc. (**CryoLife**) and CL Falcon, Inc. (**Merger Sub**), a wholly-owned subsidiary of CryoLife, which we subsequently amended and restated on April 14, 2011, (as amended and restated, the **Merger Agreement**). At the Special Meeting, we will ask you to approve and adopt the Merger Agreement. The Merger is the second and final step of the acquisition of Cardiogenesis by CryoLife. The first step was a tender offer by Merger Sub for 49.9% of the outstanding common shares of Cardiogenesis at a price of \$0.457 per share, which was completed on May 2, 2011. The second, and final, step of CryoLife's acquisition of us consists of the merger of Merger Sub with and into Cardiogenesis pursuant to the Merger Agreement (the **Merger**). As a result of the Merger, Cardiogenesis will become a wholly-owned subsidiary of CryoLife.

If the Merger is completed, you will be entitled to receive \$0.457 in cash, without interest thereon and less any required withholding taxes, for each share of Cardiogenesis common stock you own.

Our board of directors unanimously approved the Merger Agreement and the Merger and related transactions and unanimously determined that the Merger is advisable and fair to, and in the best interests of Cardiogenesis shareholders. **Our board of directors unanimously recommends that you vote FOR the proposal to approve and adopt the Merger Agreement.**

The Merger cannot be completed unless shareholders holding at least a majority of the outstanding common shares on the record date approve and adopt the Merger Agreement. **Your vote is very important.** Whether or not you plan to attend the Special Meeting, please complete, date, sign and return, as promptly as possible, the enclosed proxy card in the accompanying prepaid reply envelope. If you attend the Special Meeting and vote in person, your vote by ballot will revoke any proxy previously submitted. **The failure to vote your shares of our common stock will have the same effect as a vote AGAINST approval of the proposal to adopt the Merger Agreement.**

If your shares of our common stock are held in street name by your bank, brokerage firm or other nominee, your bank, brokerage firm or other nominee will be unable to vote your shares of our common stock without instructions from you. You should instruct your bank, brokerage firm or other nominee to vote your shares of our common stock in accordance with the procedures provided by your bank, brokerage firm or other nominee. **The failure to instruct your bank, brokerage firm or other nominee to vote your shares of our common stock FOR approval of the proposal to adopt the Merger Agreement will have the same effect as voting AGAINST the proposal to adopt the Merger Agreement.**

The accompanying proxy statement provides you with detailed information about the Special Meeting, the Merger Agreement and the Merger. A copy of the Merger Agreement is attached as **Annex A** to the proxy statement. We encourage you to read the accompanying proxy statement in its entirety because it explains the proposed Merger, the documents related to the Merger and other related matters.

Table of Contents

Whether or not you plan to attend the Special Meeting, please take the time to submit a proxy by following the instructions on your proxy card as soon as possible. If your shares of our common stock are held in an account at a broker, dealer, commercial bank, trust company or other nominee, you should instruct your broker, dealer, commercial bank, trust company or other nominee how to vote in accordance with the voting instruction form furnished by your broker, dealer, commercial bank, trust company or other nominee.

On behalf of our board of directors and management of Cardiogenesis, we thank you for your support.

Best Regards,

Paul McCormick
Executive Chairman

This transaction has not been approved or disapproved by the Securities and Exchange Commission or any state securities commission. Neither the Securities and Exchange Commission nor any state securities commission has passed upon the merits or fairness of this transaction or upon the adequacy or accuracy of the information contained in this proxy statement. Any representation to the contrary is a criminal offense.

The accompanying proxy statement is dated May 5, 2011 and is first being mailed to shareholders on or about May 6, 2011.

Table of Contents

CARDIOGENESIS CORPORATION
11 Musick
Irvine, CA 92618
(949) 420-1800

NOTICE OF SPECIAL MEETING OF SHAREHOLDERS
To Be Held May 16, 2011

NOTICE IS HEREBY GIVEN that the Special Meeting of Shareholders (the **Special Meeting**) of Cardiogenesis Corporation, a California corporation, will be held on Monday, May 16, 2011 at 8:30 a.m. Pacific Time at our principal executive offices, located at 11 Musick, Irvine, California, 92618 for the following purposes:

- (1) To approve and adopt the Agreement and Plan of Merger, dated as of March 28, 2011, and as amended and restated on April 14, 2011 (as amended and restated, the **Merger Agreement**) by and among Cardiogenesis Corporation, a California corporation (**Cardiogenesis, we, us or our**), CryoLife, Inc., a Florida corporation (**CryoLife**), and CL Falcon, Inc., a Florida corporation and a wholly-owned subsidiary of CryoLife (**Merger Sub**).
- (2) To consider and vote on a proposal to adjourn the Special Meeting, if necessary or appropriate, to do so.
- (3) To transact any other business as may properly come before the Special Meeting or any reconvened meeting after any adjournment or postponement of the Special Meeting.

For more information about the Merger and the other transactions contemplated by the Merger Agreement, please review the accompanying proxy statement and the Merger Agreement attached as **Annex A**.

Our board of directors has fixed the close of business of May 4, 2011 as the record date for the determination of shareholders entitled to notice of and to vote and this Special Meeting and at any adjournment or postponement thereof. For ten days prior to the Special Meeting, a complete list of shareholders entitled to vote at the Special Meeting will be available for examination by any shareholder, for any purpose relating to the Special Meeting, during ordinary business hours at our principal offices located at 11 Musick, Irvine, California, 92618.

Please submit your proxy or voting instructions as soon as possible to make sure that your shares are represented and voted at the Special Meeting, whether or not you plan to attend the Special Meeting. Whether you attend the Special Meeting or not, you may revoke a proxy at any time before it is voted by filing with our corporate secretary a duly executed revocation of proxy, by properly submitting a proxy by mail with a later date or by appearing at the Special Meeting and voting in person. You may revoke a proxy by any of these methods, regardless of the method used to deliver your previous proxy. Attendance at the Special Meeting without voting will not itself revoke a proxy. If your shares are held in an account at a broker, dealer, commercial bank, trust company or other nominee, you must contact your broker, dealer, commercial bank, trust company or other nominee to revoke your proxy.

Cardiogenesis shareholders who do not vote in favor of approval and adoption of the Merger Agreement will have the right to seek appraisal and the fair value of their shares but only if they perfect their dissenters' rights by complying with the required procedures under California law. See **Approval of the Merger Agreement Dissenters' Rights** beginning on page 42 of the accompanying proxy statement.

After careful consideration, our board of directors has unanimously determined that the Merger is advisable, fair to and in the best interests of the shareholders of Cardiogenesis, and approved the Merger Agreement, the Merger and

other transaction contemplated by the Merger Agreement. **Accordingly, Cardiogenesis board of**

Table of Contents

directors recommends that you vote FOR approval of the proposal to adopt the Merger Agreement and FOR approval of the proposal to adjourn the Special Meeting, if necessary.

All shareholders are cordially invited to attend the Special Meeting.

YOUR VOTE IS VERY IMPORTANT TO US WHETHER OR NOT YOU PLAN TO ATTEND THE MEETING IN PERSON. SHAREHOLDERS ARE URGED TO VOTE THEIR SHARES PROMPTLY BY MAIL, INTERNET, OR TELEPHONE AS INSTRUCTED ON THE ENCLOSED PROXY CARD OR VOTING INSTRUCTION CARD. PROXIES FORWARDED BY OR FOR BROKERS OR FIDUCIARIES SHOULD BE RETURNED AS REQUESTED BY THEM.

By Order of Our Board of Directors,

Paul McCormick
Executive Chairman

Irvine, California
May 5, 2011

Table of Contents

SUMMARY VOTING INSTRUCTIONS

Ensure that your shares of Cardiogenesis common stock can be voted at the Special Meeting by submitting your proxy or contacting your broker, dealer, commercial bank, trust company or other nominee.

If your shares of Cardiogenesis common stock are registered in the name of a broker, dealer, commercial bank, trust company or other nominee: check the voting instruction card forwarded by your broker, dealer, commercial bank, trust company or other nominee to see which voting options are available or contact your broker, dealer, commercial bank, trust company or other nominee in order to obtain directions as to how to ensure that your shares of our common stock are voted in favor of the proposals at the Special Meeting.

If your shares of Cardiogenesis common stock are registered in your name: submit your proxy as soon as possible by telephone, via the Internet, or signing, dating and returning the enclosed proxy card in the enclosed postage-paid envelope, so that your shares of our common stock can be voted in favor of the proposals at the Special Meeting.

Instructions regarding telephone and Internet voting are included on the proxy card.

For additional questions about the Merger, assistance in submitting proxies or voting shares of Cardiogenesis common stock, or to request additional copies of the proxy statement or the enclosed proxy card, please contact William R. Abbott, our Chief Financial Officer, at 11 Musick, Irvine, California, 92618, or via telephone at (949) 420-1800.

Table of Contents

TABLE OF CONTENTS

	Page
<u>SUMMARY TERM SHEET</u>	1
<u>Parties to the Merger</u>	1
<u>Overview of the Transaction</u>	2
<u>The Special Meeting</u>	3
<u>Shareholders Entitled to Vote</u>	3
<u>Vote Required to Approve and Adopt the Merger Agreement</u>	3
<u>Payment for Common Shares</u>	3
<u>Our Share Price</u>	4
<u>Recommendation of Our Board of Directors: Reasons for Recommending the Approval and Adoption of the Merger Agreement</u>	4
<u>Background of the Merger</u>	4
<u>Opinion of Our Financial Advisor</u>	4
<u>Financing of the Tender Offer and Merger</u>	5
<u>Interests of Cardiogenesis Directors and Executive Officers in the Merger</u>	5
<u>Conditions to the Merger</u>	6
<u>Dissenters Rights</u>	6
<u>CAUTIONARY STATEMENT REGARDING FORWARD-LOOKING INFORMATION</u>	10
<u>THE CARDIOGENESIS SPECIAL MEETING</u>	11
<u>Date, Time and Place</u>	11
<u>Purpose of the Special Meeting</u>	11
<u>Recommendation of Our Board of Directors</u>	11
<u>Record Date; Shareholders Entitled to Vote; Quorum</u>	11
<u>Voting Procedures</u>	11
<u>Vote Required</u>	12
<u>Revocation of Proxies</u>	12
<u>Solicitation of Proxies</u>	13
<u>Assistance</u>	13
<u>APPROVAL OF THE MERGER AGREEMENT</u>	14
<u>Overview of the Transaction</u>	14
<u>Management and Board of Directors of the Surviving Corporation</u>	14
<u>Background of the Merger</u>	14
<u>Recommendation of Our Board of Directors: Reasons for Recommending the Approval of the Merger Agreement</u>	20
<u>Opinion of Our Financial Advisor</u>	24
<u>Prospective Financial Information</u>	31
<u>Financing of the Tender Offer and Merger</u>	33
<u>Interests of Cardiogenesis Directors and Executive Officers in the Merger</u>	34
<u>Dividends</u>	41
<u>Determination of the Merger Consideration</u>	41
<u>Regulatory Matters</u>	41
<u>Person/Assets, Retained, Employed, Compensated Or Used</u>	42
<u>Dissenters Rights</u>	42
<u>Material United States Federal Income Tax Consequences</u>	44

Table of Contents

	Page
<u>Deregistration of Cardiogenesis Common Shares</u>	46
<u>Litigation Relating to the Merger</u>	46
<u>THE MERGER AGREEMENT</u>	48
<u>Explanatory Note Regarding the Merger Agreement</u>	48
<u>Effects of the Merger; Directors and Officers; Certificate of Incorporation; Bylaws</u>	48
<u>Terms of the Merger Agreement</u>	49
<u>Representations and Warranties</u>	50
<u>Treatment of Equity Awards</u>	52
<u>Go-Shop; Solicitations</u>	52
<u>Termination; Termination Fee</u>	55
<u>Conduct of Business</u>	56
<u>Filings and Other Actions</u>	58
<u>Directors</u>	59
<u>Indemnification and Insurance of Our Directors and Officers</u>	59
<u>Conditions to the Merger</u>	59
<u>Modification or Amendment</u>	59
<u>Support Agreement</u>	59
<u>SECURITIES OWNERSHIP OF CERTAIN BENEFICIAL OWNERS AND MANAGEMENT</u>	62
<u>MARKET PRICE OF CARDIOGENESIS COMMON SHARES</u>	64
<u>OTHER MATTERS</u>	65
<u>WHERE YOU CAN FIND MORE INFORMATION</u>	65

Table of Contents

CARDIOGENESIS CORPORATION

**11 Musick
Irvine, CA 92618
(949) 420-1800**

PROXY STATEMENT

This proxy statement contains information related to a Special Meeting of shareholders of Cardiogenesis Corporation, a California corporation, or Cardiogenesis, we, us or our, to be held on Monday, May 16, 2011, at 8:30 a.m., Pacific Time, at Cardiogenesis' principal executive offices, 11 Musick, Irvine, CA 92618 and at any adjournments or postponements thereof. We are furnishing this proxy statement to shareholders of Cardiogenesis as part of the solicitation of proxies by Cardiogenesis' board of directors for use at the Special Meeting. This proxy statement is dated May 5, 2011 and is first being mailed to shareholders on or about May 6, 2011.

SUMMARY TERM SHEET

This summary highlights selected information in this proxy statement and may not contain all the information about the Merger that is important to you. We have included page references in parentheses to direct you to more complete descriptions of the topics presented in this summary term sheet. You should carefully read this proxy statement in its entirety, including the annexes and the other documents to which we have referred you, for a more complete understanding of the matters being considered at the Special Meeting.

Parties to the Merger

Cardiogenesis Corporation

11 Musick,
Irvine, CA 92618
(949) 420-1800

We are a California corporation and we develop and market surgical products for the treatment of refractory angina in patients with chronic cardiac ischemia caused by coronary artery disease, or CAD, which remains a leading cause of death for persons over the age of 65. Our products are used to create transmural laser channels into the myocardium, commonly referred to as transmyocardial revascularization, or TMR, which has proven effective in reducing symptoms in patients with refractory angina compared to optimal medical management. We are also currently developing proprietary catheter-based systems for the delivery of biologics, such as stem cells, as an adjunctive therapy. Our PHOENIX Combination Delivery System™, for which we have received an Investigational Device Exemption, or IDE, is the first device developed for this purpose.

CryoLife, Inc.

1655 Roberts Boulevard, NW
Kennesaw, GA 30144

Incorporated in Florida in 1984, CryoLife, Inc., which we refer to as CryoLife, is a leader in the processing and distribution of implantable living human tissues for use in cardiac and vascular surgeries throughout the U.S. and Canada. CryoLife's CryoValv® SG pulmonary heart valve, processed using CryoLife's proprietary SynerGraft®

technology, has FDA 510(k) clearance for the replacement of diseased, damaged, malformed, or malfunctioning native or prosthetic pulmonary valves. CryoLife's CryoPatch® SG pulmonary cardiac patch has FDA 510(k) clearance for the repair or reconstruction of the right ventricular outflow tract (RVOT), which is a surgery commonly performed in children with congenital heart defects, such as Tetralogy of Fallot, Truncus Arteriosus, and Pulmonary Atresia. CryoPatch SG is distributed in three anatomic configurations: pulmonary hemi-artery, pulmonary trunk, and pulmonary branch. CryoLife's BioGlu® Surgical Adhesive is FDA approved as an adjunct to

Table of Contents

sutures and staples for use in adult patients in open surgical repair of large vessels. BioGlue is also CE marked in the European Community and approved in Canada and Australia for use in soft tissue repair and was recently approved in Japan for use in the repair of aortic dissections. CryoLife's BioFoam Surgical Matrix is CE marked in the European Community for use as an adjunct in the sealing of abdominal parenchymal tissues (liver and spleen) when cessation of bleeding by ligature or other conventional methods is ineffective or impractical. CryoLife also distributes PerClot®, an absorbable powder hemostat that has CE Mark designation allowing commercial distribution into the European Community. PerClot is also distributed in other countries outside of the European Community.

CL Falcon, Inc.

1655 Roberts Boulevard, NW
Kennesaw, GA 30144

CL Falcon, Inc., which we refer to as Merger Sub, is a Florida corporation and a wholly-owned subsidiary of CryoLife that was formed by CryoLife solely for the purpose of facilitating the acquisition of Cardiogenesis. To date, Merger Sub has not carried on any activities other than those related to its formation and completing the transaction contemplated by the Merger Agreement. Merger Sub currently owns 23,221,166 shares of our common stock, representing approximately 49.9% of our outstanding shares of common stock. Upon consummation of the proposed Merger, Merger Sub will merge with and into Cardiogenesis and will cease to exist with Cardiogenesis continuing as the surviving corporation and a wholly-owned subsidiary of CryoLife.

Overview of the Transaction

(page 14)

Cardiogenesis, CryoLife and Merger Sub entered into the Merger Agreement on March 28, 2011, and subsequently amended and restated the Merger Agreement on April 14, 2011. In the Merger Agreement, CryoLife agreed to acquire Cardiogenesis through a two-step process. The first step was a tender offer by Merger Sub for 49.9% of the outstanding shares of our common stock at a price of \$0.457 per share, net to the seller in cash without interest thereon and less any applicable withholding tax, which was completed on May 2, 2011 and resulted in Merger Sub acquiring 49.9% of the outstanding shares of our common stock. The second step is a merger of Merger Sub with and into Cardiogenesis, with Cardiogenesis surviving as a wholly-owned subsidiary of CryoLife. The following will occur in connection with the Merger:

each outstanding common share issued and outstanding immediately prior to the effective time of the Merger (other than shares of our common stock held by us, CryoLife, or Merger Sub, or by any direct or indirect wholly-owned subsidiary of CryoLife, Merger Sub or Cardiogenesis or held by shareholders who are entitled to demand and properly demand and perfect appraisal of such shares of our common stock pursuant to, and who comply in all material respects with, Sections 1300-1313 of the California General Corporation Law (which shall be treated as described under Dissenters Rights beginning on page 41)) will by virtue of the Merger, and without action by the holder thereof, be canceled and converted into the right to receive \$0.457 per common share;

all shares of our common stock so converted will, by virtue of the Merger, be canceled, and each holder of a certificate representing any shares of Cardiogenesis common stock will cease to have any rights with respect thereto, except the right to receive the \$0.457 per share upon surrender of such certificate;

all shares of our common stock held in the treasury of Cardiogenesis or owned, directly or indirectly, by CryoLife, Merger Sub or any wholly-owned Subsidiary of Cardiogenesis immediately prior to the effective time shall be canceled and shall cease to exist, and no consideration shall be delivered in exchange

therefore; and

each outstanding common share of Merger Sub will be converted into one fully paid and non-assessable share of common stock, no par value, of the surviving corporation.

Table of Contents

Following and as a result of the Merger:

Cardiogenesis shareholders (other than CryoLife and its affiliates) will no longer have any interest in, and no longer be shareholders of, Cardiogenesis, and will not participate in any future earnings or growth;

our shares of common stock will no longer be quoted on the OTCQB; and

the registration of shares of our common stock under the Securities Exchange Act of 1934, as amended, will be terminated.

The Special Meeting (page 11)

The Special Meeting will be held on Monday, May 16, 2011 at 8:30 a.m. Pacific Time at Cardiogenesis principal executive offices, 11 Musick, Irvine, California 92618. At the Special Meeting, you will be asked to, among other things, approve and adopt the Merger Agreement. Please see the section of this proxy statement captioned Questions and Answers About the Special Meeting and the Merger beginning on page 7 for additional information on the Special Meeting, including how to vote your shares of our common stock.

Shareholders Entitled to Vote (page 11)

You may vote at the Special Meeting if you owned shares of our common stock at the close of business on May 4, 2011, the record date for the Special Meeting. On that date, there were 46,564,910 shares of our common stock outstanding and entitled to vote. Approval and adoption of the Merger Agreement requires the affirmative vote of the holders of at least a majority of the shares of our common stock outstanding and entitled to vote at the Special Meeting. Merger Sub owns 49.9% of the shares of our common stock as a result of the tender offer made pursuant to the Merger Agreement and will vote such shares in favor of approving and adopting the Merger Agreement.

Vote Required to Approve and Adopt the Merger Agreement (page 12)

You may vote at the special meeting if you owned shares of our common stock at the close of business on May 4, 2011, the record date for the special meeting. On that date, there were 46,564,910 shares of our common stock outstanding and entitled to vote. You may cast one vote for each Cardiogenesis common share that you owned on that date. Approval and adoption of the Merger Agreement requires the affirmative vote of the holders of at least a majority of the shares of our common stock outstanding and entitled to vote at the special meeting. CryoLife, either directly or indirectly through Merger Sub, owns 49.9% of the shares of our common stock as a result of the tender offer made pursuant to the Merger Agreement and will vote such shares in favor of approving and adopting the Merger Agreement. These shares, together with shares held by the parties to the Support Agreement constitute a majority of the shares of Cardiogenesis common stock outstanding; as a result, we believe that approval of the Merger by Cardiogenesis shareholders is assured. See Support Agreement at page 60.

Payment for Common Shares (page 50)

Computershare Inc. has been appointed as the Paying Agent to coordinate the payment of the Merger consideration to our shareholders. The Paying Agent will send written instructions for surrendering your Cardiogenesis common share

certificates, if your shares of our common stock are certificated, and obtaining the Merger consideration after we have completed the Merger. Do not return your stock certificates with your proxy card and do not forward your stock certificates to the Paying Agent prior to receipt of the written instructions. If you hold uncertificated shares of our common stock (i.e., you hold your shares in book entry form), you will receive your cash consideration once you send in your letter of transmittal and any other documents requested in the Paying Agent's instructions.

Table of Contents

Our Share Price

(page 64)

The shares of our common stock are currently quoted on the OTCQB under the symbol CGCP.PK. On March 28, 2011, the trading day prior to announcement of the signing of the Merger Agreement, the last sale price per common share was \$0.32. The \$0.457 per share to be paid for each Cardiogenesis common share in the Merger represents a premium of approximately 43% to the closing price on March 28, 2011. On May 5, 2011, the last trading day before the mailing of this proxy statement, the closing price per share was \$0.45.

Recommendation of Our Board of Directors; Reasons for Recommending the Approval and Adoption of the Merger Agreement

(page 20)

On March 22, 2011, our board of directors (all of whom were unaffiliated with CryoLife at the time) unanimously determined that the Merger Agreement and the transactions contemplated thereby, including the tender offer and the Merger, are advisable and in the best interests of and are fair to Cardiogenesis and its shareholders and approved the Merger Agreement and the transactions contemplated thereby, including the tender offer and the Merger. Accordingly, our board of directors recommends that our shareholders vote **FOR** approval and adoption of the Merger Agreement.

In adopting the Merger Agreement and making the determination to recommend that the Merger Agreement be approved and adopted, Cardiogenesis board of directors consulted with Cardiogenesis management, as well as its financial and legal advisors, and considered a number of factors that the board members believed supported their decision. In particular, Cardiogenesis board of directors reviewed the possible alternatives to an acquisition by CryoLife and perceived risks of those alternatives, the range of potential benefits to shareholders of these alternatives and the timing and the likelihood of accomplishing the goals of such alternatives, and concluded that none of these alternatives were reasonably likely to present superior opportunities for Cardiogenesis to create greater value for shareholders, taking into account risks to the successful completion of a transaction as well as business, competitive, industry and market risks.

Background of the Merger

(pages 14 and 20)

For a description of the events leading to the adoption of the Merger Agreement by our board of directors, you should refer to Approval of the Merger Agreement Background of the Merger and Recommendation of Our Board of Directors; Reasons for Recommending the Approval of the Merger Agreement.

Opinion of Our Financial Advisor

(page 24)

B. Riley & Co., LLC, or B. Riley, on March 22, 2011 as updated and confirmed in writing on March 28, 2011, rendered its oral opinion to our board of directors to the effect that, as of such dates, the \$0.457 per share to be received by Cardiogenesis shareholders pursuant to the Merger Agreement was fair, from a financial point of view, to such shareholders.

The full text of the written opinion of B. Riley is attached to this proxy statement as **Annex B**. We encourage you to read this opinion carefully in its entirety for a complete description of the procedures followed, assumptions made, matters considered, qualifications and limitations on review undertaken and other matters considered by B. Riley in

preparing its opinion. The opinion is directed to our board of directors and only addresses the fairness from a financial point of view of the per share consideration to be received by shareholders pursuant to the Merger and does not address any other aspect or implication of the transactions or any other agreement, arrangement or understanding entered into in connection with the Merger Agreement, including, without limitation, the support agreement, which we refer to as the **Support Agreement**.

B. Riley acted as a financial advisor to Cardiogenesis in connection with the tender offer and the Merger and will receive an estimated fee of approximately \$192,000 from Cardiogenesis, of which approximately \$146,000 is

Table of Contents

contingent upon the consummation of the tender offer and the Merger. B. Riley also received a fee of \$100,000 for rendering its written opinion. The written opinion fee was not contingent upon the consummation of the tender offer and the Merger or the conclusions reached in B. Riley's written opinion. Cardiogenesis has also agreed to indemnify B. Riley against certain liabilities and reimburse B. Riley for certain expenses in connection with its services. The written opinion has been approved by the Fairness Opinion Committee of B. Riley. In the ordinary course of its business, B. Riley and its affiliates may actively trade securities of Cardiogenesis and CryoLife for its own account or the account of its customers and, accordingly, may at any time hold a long or short position in such securities. B. Riley may also, in the future, provide investment banking and financial advisory services to Cardiogenesis or CryoLife or entities that are affiliated with Cardiogenesis or CryoLife, for which B. Riley would expect to receive compensation.

**Financing of the Tender Offer and the Merger
(page 33)**

Consummation of the Merger and the other transactions contemplated by the Merger Agreement are not conditioned upon CryoLife or Merger Sub obtaining any financing. As of the date of this proxy statement, CryoLife has sufficient funds to complete the Merger.

**Interests of Cardiogenesis Directors and Executive Officers in the Merger
(page 34)**

Members of our board of directors and our executive officers may have interests in the transactions contemplated by the Merger Agreement that differ from, or are in addition to, those of our other shareholders. For example:

as of March 25, 2011, Cardiogenesis' directors and executive officers owned in the aggregate 911,561 shares of our common stock (excluding shares of our common stock issuable upon the exercise of options to purchase shares of our common stock and unvested shares of restricted stock);

as of March 25, 2011, Cardiogenesis' directors and executive officers held options to purchase 1,939,384 shares of our common stock in the aggregate, with exercise prices ranging from \$0.13 to \$2.57 per share. At the effective time of the Merger, each holder of an option will be entitled to receive an amount equal to the excess, if any, of \$0.457, without interest, over the exercise price per share of such option, less any required withholding taxes. Cardiogenesis' directors and executive officers will receive an aggregate of approximately \$289,599 as a result of the option payments;

as of March 25, 2011, Cardiogenesis' executive officers held 365,318 shares of restricted stock subject to vesting. Pursuant to the terms of the Merger agreement, each share of restricted stock held by Cardiogenesis' executive officers vested in full immediately prior to the date of the successful completion of the tender offer, which we refer to as the Acceptance Date. Thereafter, immediately prior to the effective time of the Merger, such shares of our common stock will convert into the right to receive \$0.457 per share;

if the Merger is consummated, our current officers may receive severance payments up to the following amounts: Mr. Lanigan, \$241,875; Mr. McCormick, \$37,272; and Mr. Abbott, \$215,000, as described in the section Summary of Aggregate Proceeds that May be Received by Cardiogenesis' Directors and Executive Officers beginning on page 41;

our current and former directors and officers will continue to be indemnified and will have the benefit of liability insurance until six years after the effective time of the Merger;

in connection with the execution of the Merger Agreement, our directors and executive officers entered into the Support Agreement, pursuant to which such directors and executive officers agreed to tender their 911,561 shares of our common stock and 365,318 shares of restricted stock, for a total of 1,276,879 shares, into the tender offer at the request of CryoLife and to vote such shares, if any remain, in favor of the Merger;

Table of Contents

if the Merger is consummated, any shareholder derivative claims that are currently pending or that could be brought against the directors and officers of Cardiogenesis by current shareholders would likely be extinguished; and

CryoLife has agreed to a two-year employment agreement with Richard Lanigan. Certain of our other officers may receive employment agreements from CryoLife for employment, on an as-needed basis, after the consummation of the Merger.

**Conditions to the Merger
(page 59)**

We are working to complete the Merger as soon as possible. The Merger is subject to the satisfaction of several conditions, including the conditions described immediately below. As such, we cannot predict the exact time of the Merger's completion.

The completion of the Merger depends on satisfaction of the conditions below:

the Merger Agreement must have been approved and adopted by the affirmative vote of at least a majority of the votes entitled to be cast by the holders of the outstanding shares of our common stock; and

no judgment, ruling, order, writ, injunction or decree issued by a court of competent jurisdiction or any statute, law, ordinance, rule or regulation or other legal restraint or prohibition of any governmental authority shall be in effect that would make the Merger illegal or otherwise prevent the consummation thereof provided that the party seeking to assert this condition shall have used those efforts required under the Merger Agreement to resist, lift or resolve such judgment, ruling, order, writ, injunction or decree, statute, law, ordinance, rule or regulation or other legal restraint or prohibition.

Where legally permissible, a party may waive a condition to its obligation to complete the Merger even though that condition has not been satisfied, although the shareholder approval condition cannot be waived. None of Cardiogenesis, CryoLife or Merger Sub, however, has any intention to waive any condition as of the date of this proxy statement.

**Dissenters' Rights
(pages 42 and C-1)**

If the Merger is consummated, persons who are then shareholders will have certain rights under California law to dissent and demand appraisal of, and payment in cash of the fair value of, their shares of our common stock. Any shares of our common stock held by a person who demands appraisal of such shares and who complies with the applicable provisions of California law shall not be converted into the right to receive Merger consideration. Such dissenters' rights, if the statutory procedures were complied with, will lead to a judicial determination of the fair value (excluding any element of value arising from the accomplishment or expectation of the Merger) required to be paid in cash to such dissenting shareholders for their shares of our common stock. The value so determined could be more or less than, or the same as, the purchase price per share pursuant to the tender offer or the consideration per share to be paid in the Merger.

You should read "Approval of the Merger Agreement" "Dissenters' Rights" beginning on page 42 for a more complete discussion of the dissenters' rights in relation to the Merger as well as **Annex C** which contains a full text of the

applicable California statutes.

Table of Contents

QUESTIONS AND ANSWERS ABOUT THE SPECIAL MEETING AND THE MERGER

Q: What matters will be voted on at the Special Meeting?

A: You will be voting on the following:

To consider and vote on a proposal to approve and adopt the Merger Agreement. The Merger is the second and final step of the acquisition of Cardiogenesis by CryoLife. The first step was a tender offer by Merger Sub for 49.9% of the outstanding shares of our common stock at a price of \$0.457 per share, net to the seller in cash without interest thereon and less any withholding taxes, which was completed on May 2, 2011 and resulted in Merger Sub acquiring 49.9% of our outstanding common stock.

To consider and vote on a proposal to adjourn the Special Meeting, if necessary or appropriate, to do so.

Q: As a shareholder, what will I receive in the Merger?

A: You will be entitled to receive \$0.457 in cash, without interest thereon and less any applicable withholding tax, for each Cardiogenesis common share that you own immediately prior to the effective time of the Merger as described in the Merger Agreement. For example, if you own 100 shares of Cardiogenesis common stock, you will receive \$45.70 in cash in exchange for your shares of common stock, without interest and less any applicable withholding taxes. You will not own any shares of the capital stock in the surviving corporation.

Q: When and where is the Special Meeting of our shareholders?

A: The Special Meeting of shareholders will be held on Monday, May 16, 2011, at 8:30 a.m., Pacific Time, at Cardiogenesis principal executive offices, 11 Musick, Irvine, California 92618.

Q: What vote of our shareholders is required to approve and adopt the Merger Agreement?

A: For us to complete the Merger, shareholders holding at least a majority of the shares of our common stock outstanding at the close of business on the record date must vote **FOR** the proposal to approve and adopt the Merger Agreement. As a result of the tender offer, CryoLife beneficially owns a total of approximately 49.9% of the outstanding shares of our common stock as a result of the tender offer made pursuant to the Merger Agreement and will cause Merger Sub to vote all such shares in favor of approving and adopting the Merger Agreement. The shares held by CryoLife, together with the shares subject to the Support Agreement, represent a majority of our outstanding shares, so we believe that shareholder approval is assured.

Q: Who can attend and vote at the Special Meeting?

A: All shareholders of record as of the close of business on May 4, 2011, the record date for the Special Meeting, are entitled to receive notice of and to attend and vote at the Special Meeting, or any postponement or adjournment thereof. If you wish to attend the Special Meeting and your shares are held in an account at a broker, dealer, commercial bank, trust company or other nominee (i.e., in street name), you will need to bring a copy of your voting instruction card or statement reflecting your share ownership as of the record date. Street name holders who wish to vote at the Special Meeting will need to obtain a proxy from the broker, dealer, commercial bank, trust company or other nominee that holds their shares of our common stock. Seating will be limited at the Special Meeting. Shareholders of record will be verified against an official list available in the registration area at the meeting. We reserve the right to deny admittance to anyone who cannot adequately show proof of share ownership as of the record date.

Q: When will the shareholders list be available for examination?

A: A complete list of the shareholders of record as of the record date will be available for examination by shareholders of record beginning on May 6, 2011 at the Company's headquarters and will continue to be available through and during the Special Meeting.

Table of Contents

Q: How does our board of directors recommend that I vote?

A: Our board of directors unanimously recommends that our shareholders vote **FOR** the proposal to approve and adopt the Merger Agreement.

Q: Am I entitled to exercise dissenters' rights instead of receiving the Merger consideration for my shares?

A: Yes. Cardiogenesis shareholders who do not vote in favor of approval and adoption of the Merger Agreement will have the right to seek appraisal and the fair value of their shares if the Merger closes but only if they perfect their dissenters' rights by complying with the required procedures under the California General Corporation Law, or CGCL. See *Approval of the Merger Agreement - Dissenters' Rights* beginning on page 42 of the accompanying proxy statement. For the full text of Sections 1300-1313 of the CGCL, please see **Annex C** hereto.

Q: How do I cast my vote if I am a holder of record?

A: If you were a holder of record on May 4, 2011, you may vote in person at the Special Meeting or by submitting a proxy for the Special Meeting. You can submit your proxy by completing, signing, dating and returning the enclosed proxy card in the accompanying pre-addressed, postage paid envelope. Holders of record may also vote by telephone or the Internet by following the instructions on the proxy card.

*If you properly transmit your proxy, but do not indicate how you want to vote, your proxy will be voted **FOR** the approval and adoption of the Merger Agreement.*

Q: How do I cast my vote if my Cardiogenesis shares are held in street name by my broker, dealer, commercial bank, trust company or other nominee?

A: If you hold your shares in street name, which means your shares of our common stock are held of record on May 4, 2011 by a broker, dealer, commercial bank, trust company or other nominee, you must provide the record holder of your shares of our common stock with instructions on how to vote your shares of our common stock in accordance with the voting directions provided by your broker, dealer, commercial bank, trust company or other nominee. **If you do not provide your broker, dealer, commercial bank, trust company or other nominee with instructions on how to vote your shares, your shares of our common stock will not be voted, which will have the same effect as voting **AGAINST** the approval and adoption of the Merger Agreement.** Please refer to the voting instruction card used by your broker, dealer, commercial bank, trust company or other nominee to see if you may submit voting instructions using the Internet or telephone.

Q: What will happen if I abstain from voting or fail to vote on the proposal to approve and adopt the Merger Agreement?

A: If you abstain from voting, fail to cast your vote in person or by proxy or fail to give voting instructions to your broker, dealer, commercial bank, trust company or other nominee, it will have the same effect as a vote **AGAINST** approval and adoption of the Merger Agreement.

Q: Can I change my vote after I have delivered my proxy?

A: Yes. If you are a record holder, you can change your vote at any time before your proxy is voted at the Special Meeting by properly delivering a later-dated proxy either by mail, the Internet, or telephone, or attending the Special Meeting in person and voting. You also may revoke your proxy by delivering a notice of revocation to

Cardiogenesis corporate secretary prior to the vote at the Special Meeting. If your shares are held in street name, you must contact your broker, dealer, commercial bank, trust company or other nominee to revoke your proxy.

Table of Contents

Q: What should I do if I receive more than one set of voting materials?

A: You may receive more than one set of voting materials, including multiple copies of this proxy statement or multiple proxy or voting instruction cards. For example, if you hold your shares of our common stock in more than one brokerage account, you will receive a separate voting instruction card for each brokerage account in which you hold shares of our common stock. If you are a holder of record and your shares of our common stock are registered in more than one name, you will receive more than one proxy card. **Please submit each proxy and voting instruction card that you receive.**

Q: If I am a holder of certificated Cardiogenesis common shares, should I send in my share certificates now?

A: No. Promptly after the Merger is completed, each holder of record as of the time of the Merger will be sent a letter of transmittal and written instructions for exchanging their share certificates for the Merger consideration. These instructions will tell you how and where to send in your certificates for your cash consideration. You will receive your cash payment after the Paying Agent receives your share certificates, your letter of transmittal and any other documents requested in the instructions. Please do not send certificates with your proxy. Holders of uncertificated shares of our common stock (i.e., holders whose shares are held in book entry) will receive their cash consideration after the paying agent receives their letter of transmittal and any other documents requested in the Paying Agent's instructions.

Q: When is the Merger expected to be completed?

A: We are working to complete the Merger as quickly as possible. We cannot, however, predict the exact timing of the Merger. In order to complete the Merger, we must obtain shareholder approval and the other closing conditions under the Merger Agreement must be satisfied or waived.

Q: Who can help answer my questions?

A: If you have any questions about the Merger or how to submit your proxy, or if you need additional copies of this proxy statement or the enclosed proxy card, you should contact William R. Abbott, our Chief Financial Officer, at 11 Musick, Irvine, California, 92618, or via telephone at (949) 420-1800.

Table of Contents

CAUTIONARY STATEMENT CONCERNING FORWARD-LOOKING INFORMATION

This proxy statement, and the documents to which we refer you in this proxy statement, as well as information included in oral statements or other written statements made or to be made by us, contain statements that, in our opinion, may constitute forward-looking statements that are not historical facts.

Cardiogenesis has identified some of these forward-looking statements with words like believe, may, could, would, might, possible, potential, will, should, expect, intend, plan, anticipate, estimate, approximate the negative of these words, other terms of similar meaning or the use of future dates. Forward-looking statements in this proxy statement include without limitation statements regarding the anticipated timing of filings and approvals relating to the Merger; statements regarding the expected timing of the completion of the Merger; statements regarding the ability to complete the Merger considering the various closing conditions; statements regarding expected tax treatment for the Merger; any statements of expectation or belief; and any statements of assumptions underlying any of the foregoing. Investors and security holders are cautioned not to place undue reliance on these forward-looking statements. Actual results could differ materially from those currently anticipated due to a number of risks and uncertainties. Risks and uncertainties that could cause results to differ from expectations include: uncertainties as to the timing of the Merger; uncertainties as to how many of Cardiogenesis shareholders will vote their shares of our common stock in favor of the Merger; the risk that competing offers will be made; the possibility that various closing conditions for the transactions contemplated by the Merger Agreement may not be satisfied or waived, including that a governmental entity may prohibit, delay or refuse to grant approval for the consummation of such transactions; the effects of disruption from the transactions contemplated by the Merger Agreement making it more difficult to maintain relationships with employees, customers, vendors and other business partners; the risk that shareholder litigation in connection with the Merger may result in significant costs of defense, indemnification and liability or otherwise delay or prevent the Merger; other business effects, including the effects of industry, economic or political conditions outside of Cardiogenesis control; transaction costs; actual or contingent liabilities; and other risks and uncertainties discussed in Cardiogenesis filings with the SEC, including the Risk Factors sections of Cardiogenesis most recent annual report on Form 10-K and subsequent quarterly reports on Form 10-Q, as well as the Risk Factors set forth in the Offer to Purchase previously mailed to Cardiogenesis shareholders.

Copies of Cardiogenesis filings with the U.S. Securities and Exchange Commission, or the SEC, may be obtained at the Investors section of Cardiogenesis website at <http://www.cardiogenesis.com> under the caption SEC Filings. Cardiogenesis does not undertake any obligation to update any forward-looking statements as a result of new information, future developments or otherwise, except as expressly required by law. All forward-looking statements in this proxy statement are qualified in their entirety by this cautionary statement.

Table of Contents

THE CARDIOGNESIS SPECIAL MEETING

We are furnishing this proxy statement to Cardiogenesis shareholders as part of the solicitation of proxies by the Cardiogenesis board of directors for use at the Special Meeting.

Date, Time and Place

We will hold the Special Meeting on Monday, May 16, 2011, at 8:30 a.m., Pacific Time, at Cardiogenesis principal executive offices, 11 Musick, Irvine, California 92618. Seating will be limited to shareholders. Admission to the Special Meeting will be on a first-come, first-served basis.

Purpose of the Special Meeting

The Special Meeting is being held for the following purposes:

- to approve and adopt the Merger Agreement (see Approval of the Merger Agreement beginning on page 14);
- to consider and vote on a proposal to adjourn the Special Meeting, if necessary or appropriate to do so; and
- to transact any other business that is properly brought before the Special Meeting or any reconvened meeting after any adjournment or postponement of the Special Meeting.

Recommendation of Our Board of Directors

Cardiogenesis board of directors unanimously recommends that our shareholders vote **FOR** the approval and adoption of the Merger Agreement, and, if necessary, **FOR** an adjournment of the Special Meeting.

Record Date; Shareholders Entitled to Vote; Quorum

Only holders of record of shares of our common stock at the close of business on May 4, 2011, the record date, are entitled to notice of and to vote at the Special Meeting. On the record date, 46,564,910 shares of our common stock were issued and outstanding and held by 191 holders of record. Holders of record of shares of our common stock on the record date are entitled to one vote per common share at the Special Meeting on each proposal. For ten days prior to the Special Meeting, a complete list of shareholders entitled to vote at the Special Meeting will be available for examination by any shareholder, for any purpose relating to the Special Meeting, during ordinary business hours at our principal offices located at 11 Musick, Irvine, California 92618.

A quorum is necessary to hold a valid Special Meeting. A quorum will be present at the Special Meeting if the holders of a majority of shares of our common stock outstanding and entitled to vote on the record date are present, in person or by proxy.

Voting Procedures

Voting by Proxy or in Person at the Special Meeting

Holders of record can ensure that their shares of our common stock are voted at the Special Meeting by completing, signing, dating and delivering the enclosed proxy card in the enclosed postage-paid envelope. Submitting by this

method will not affect your right to attend the Special Meeting and to vote in person. If you plan to attend the Special Meeting and wish to vote in person, you will be given a ballot at the Special Meeting. Please note, however, that if your shares of our common stock are held in street name by a broker, dealer, commercial bank, trust company or other nominee and you wish to vote at the Special Meeting, you must bring to the Special Meeting a proxy from the record holder of the shares of our common stock authorizing you to vote at the Special Meeting.

Electronic Voting

Our holders of record and many shareholders who hold their common shares through a broker, dealer, commercial bank, trust company or other nominee will have the option to submit their proxy cards or voting

Table of Contents

instruction cards electronically by telephone or the Internet. Please note that there are separate arrangements for using the telephone depending on whether your common shares are registered in our records in your name or in the name of a broker, dealer, commercial bank, trust company or other nominee. Some brokers, dealers, commercial banks, trust companies or other nominees may also allow voting through the Internet. If you hold your common shares through a broker, bank or other nominee, you should check your voting instruction card forwarded by your broker, dealer, commercial bank, trust company or other nominee to see which options are available.

Abstentions

When an eligible voter attends the Special Meeting but decides not to vote, his or her decision not to vote is called an abstention. Properly executed proxy cards that are marked abstain or withhold authority on any proposal will be treated as abstentions for that proposal. Abstention shares will have the same effect as votes **AGAINST** a proposal if the minimum vote required for approval of the proposal is a majority of (i) the shares present and entitled to vote, or (ii) all shares outstanding and entitled to vote.

Broker Non-Votes

Broker non-votes occur when shares held by a broker for a beneficial owner are not voted with respect to a particular proposal because (i) the broker does not receive voting instructions from the beneficial owner, and (ii) the broker lacks discretionary authority to vote the shares. Broker non-votes will not be treated as shares present and entitled to vote for purposes of any matter requiring the affirmative vote of a majority or other proportion of the shares present and entitled to vote (even though the same shares may be considered present for quorum purposes and may be entitled to vote on other matters). Thus, a broker non-vote will have the same effect as a vote **AGAINST** a proposal the passage of which requires an affirmative vote of the holders of a majority of the outstanding shares entitled to vote on such proposal. The inspector of elections appointed for the Special Meeting will determine whether a quorum is present, and will tabulate affirmative and negative votes, abstentions and broker non-votes.

Vote Required

Approval of the Merger Agreement

The approval and adoption of the Merger Agreement by our shareholders requires the affirmative vote of the holders of at least a majority of the shares of our common stock present in person or represented by proxy and entitled to vote at the Special Meeting as of the record date, either in person or by proxy. Merger Sub already owns 49.9% of the shares of our common stock as a result of the tender offer made pursuant to the Merger Agreement and will vote such shares for the approval and adoption of the Merger Agreement. The shares held by CryoLife, together with the shares subject to the Support Agreement, represent a majority of our outstanding shares, so we believe that shareholder approval is assured. Abstentions and broker non-votes will have the same effect as a vote **AGAINST** the proposal to adopt the Merger Agreement.

Approval of the Adjournment of the Special Meeting

If necessary, the approval of an adjournment to the Special Meeting requires the affirmative vote of the holders of at least a majority of the shares of our common stock outstanding and entitled to vote at the Special Meeting as of the record date, either in person or by proxy. Merger Sub already owns 49.9% of the shares of our common stock as a result of the tender offer made pursuant to the Merger Agreement and will vote such shares for an approval of the adjournment of the Special Meeting. The shares held by CryoLife, together with the shares subject to the Support Agreement, represent a majority of our outstanding shares, so we believe that shareholder approval is assured. Abstentions will have the same effect as a vote **AGAINST** the proposal to approve any adjournment. Broker

non-votes will not be relevant to the outcome.

Revocation of Proxies

Submitting a proxy on the enclosed form does not preclude a shareholder from voting in person at the Special Meeting. A shareholder of record may revoke a proxy at any time before it is voted by filing with our corporate secretary a duly executed revocation of proxy, by properly submitting a proxy by mail, the Internet or telephone with

Table of Contents

a later date or by appearing at the Special Meeting and voting in person. A shareholder of record may revoke a proxy by any of these methods, regardless of the method used to deliver the shareholder's previous proxy. Attendance at the Special Meeting without voting will not itself revoke a proxy. If the shares of our common stock you own are held in street name, you must contact your broker, dealer, commercial bank, trust company or other nominee to revoke your proxy.

Solicitation of Proxies

Cardiogenesis' directors, officers and employees may solicit proxies by personal interview, mail, e-mail, telephone, facsimile or other means of communication. These persons will not be paid additional remuneration for their efforts. Cardiogenesis will also request brokers and other fiduciaries to forward proxy solicitation material to the beneficial owners of shares of Cardiogenesis common stock that the brokers and fiduciaries hold of record. Upon request, Cardiogenesis will reimburse them for their reasonable out-of-pocket expenses. The expense of the solicitation of proxies will be borne by Cardiogenesis.

Assistance

If you need assistance in completing your proxy card or have questions regarding the Special Meeting, please contact William R. Abbott, our Chief Financial Officer, at (949) 420-1800 or at 11 Musick, Irvine, California, 92618.

Table of Contents

APPROVAL OF THE MERGER AGREEMENT

*The following is a description of the material aspects of the Merger. While we believe that the following description covers the material terms of the Merger, the description may not contain all of the information that is important to you. We encourage you to read carefully this entire document, including the Merger Agreement attached to this proxy statement as **Annex A**, for a more complete understanding of the Merger. The following description is subject to, and is qualified in its entirety by reference to, the Merger Agreement.*

Overview of the Transaction

Cardiogenesis, CryoLife and Merger Sub entered into the Merger Agreement on March 28, 2011 and amended and restated the Merger Agreement on April 14, 2011. In the Merger Agreement, CryoLife agreed to acquire Cardiogenesis through a two-step process. The first step was a tender offer by Merger Sub for 49.9% of the outstanding shares of our common stock at a price of \$0.457 per share, net to the seller in cash without interest thereon and less any applicable withholding tax, which was completed on May 2, 2011, resulting in Merger Sub acquiring 49.9% of our outstanding common stock. The second step is a Merger of Merger Sub with and into Cardiogenesis, with Cardiogenesis surviving as a wholly-owned subsidiary of CryoLife. The following will occur in connection with the Merger:

each outstanding common share issued and outstanding immediately prior to the effective time of the Merger (other than shares of our common stock held by us, CryoLife or Merger Sub, or by any direct or indirect wholly-owned subsidiary of CryoLife, Merger Sub or Cardiogenesis or held by shareholders who are entitled to demand and properly demand and perfect appraisal of such shares of our common stock pursuant to, and who comply in all material respects with, Sections 1300-1313 of the California General Corporation Law (which shall be treated as described under Dissenters Rights beginning on page 42)) will by virtue of the Merger, and without action by the holder thereof, be canceled and converted into the right to receive \$0.457 per common share;

all shares of our common stock so converted will, by virtue of the Merger be canceled, and each holder of a certificate representing any shares of Cardiogenesis common stock shall cease to have any rights with respect thereto, except the right to receive the \$0.457 per share upon surrender of such certificate;

all shares of our common stock held in the treasury of Cardiogenesis or owned, directly or indirectly, by CryoLife, Merger Sub or any wholly-owned subsidiary of Cardiogenesis immediately prior to the effective time of the Merger shall be canceled and shall cease to exist, and no consideration shall be delivered in exchange therefore; and

each outstanding common share of Merger Sub will be converted into one fully paid and nonassessable share of common stock, no par value, of the surviving corporation.

Following and as a result of the Merger:

Cardiogenesis shareholders (other than CryoLife and its affiliates) will no longer have any interest in, and no longer be shareholders of, Cardiogenesis, and will not participate in any of our future earnings or growth;

our shares of common stock will no longer be quoted on the OTCQB; and

the registration of the shares of our common stock under the Securities Exchange Act of 1934, as amended, will be terminated.

Management and Board of Directors of the Surviving Corporation

The directors and officers of Merger Sub immediately prior to the effective time will be the initial directors and officers of the surviving corporation.

Background of the Merger

The following chronology summarizes the key meetings, conversations and events that led to the signing of the Merger Agreement. This chronology covers only key events leading up to the Merger Agreement and does not

Table of Contents

purport to catalogue every communication between representatives of Cardiogenesis, CryoLife, Merger Sub and other parties.

As part of the ongoing evaluation of Cardiogenesis' business, Cardiogenesis' board and our senior management regularly review and assess opportunities to achieve long-term strategic goals and to maximize shareholder value, including potential opportunities for business combinations, acquisitions, dispositions, internal restructurings and other strategic alternatives. In July 2009, Cardiogenesis' board discussed potential strategies capable of supporting Cardiogenesis' future prospects while maximizing shareholder value. The strategies included (i) identifying privately-held companies with synergistic technologies with Cardiogenesis' products with which a merger would provide a partial liquidity event for the shareholders of the private company while Cardiogenesis could acquire a pathway to regain a listing on a national exchange, (ii) a merger of equals with a candidate focused on regenerative medicine in which Cardiogenesis would represent the combined company's cardiovascular application, (iii) a sale of Cardiogenesis, and (iv) a financing transaction to provide Cardiogenesis with adequate resources to fund its research and development initiatives, increase product sales and to regain a listing on a national exchange. Although our board of directors did not determine that Cardiogenesis was for sale at such time, our board authorized Paul McCormick, Cardiogenesis' Executive Chairman, to proceed with contacting those potential candidates who met the criteria described above.

Based on his extensive industry experience, Mr. McCormick identified the companies that would possibly satisfy the criteria discussed with our board of directors. In addition, Mr. McCormick had several informal discussions with representatives of investment banks that had experience in the medical device industry regarding alternative strategies, including the possibility of raising equity or debt capital under current market conditions, and identities of companies that might be interested in a strategic transaction with Cardiogenesis. Cardiogenesis did not engage a financial advisor at that time. Between July 2009 and July 2010, Mr. McCormick participated in multiple discussions with 23 strategic and financial parties to ascertain their potential interest in a transaction with Cardiogenesis. This resulted in Cardiogenesis presenting a summary of its publicly available information to 14 parties and entering into non-disclosure agreements with three parties, including CryoLife, to further discuss a potential transaction.

On October 6, 2009, Cardiogenesis entered into the 2009 NDA and the management of CryoLife attended a meeting with Cardiogenesis' senior management to gain better understanding of Cardiogenesis' business. Attending for CryoLife were Steven G. Anderson, Chief Executive Officer, D. Ashley Lee, Chief Operating Officer and Chief Financial Officer, Gerald B. Seery, Senior Vice President of Sales and Marketing, Scott B. Capps, Vice President of Clinical Research, Timothy M. Neja, Vice President of Laboratory Operations and William F. Northrup III, MD, Vice President of Physician Relations and Education, and for Cardiogenesis were Messrs. McCormick and Lanigan.

On October 16, 2009, Mr. Lee called Mr. McCormick to provide feedback on the October 14, 2009 meeting. Mr. Lee indicated that while CryoLife had interest in a transaction with Cardiogenesis, it had other opportunities that were of a higher priority at that time to CryoLife.

Of the 23 strategic and financial parties approached between July 2009 and July 2010, one candidate other than CryoLife expressed preliminary interest in discussing a potential transaction with Cardiogenesis. Company A expressed an interest in exploring a potential merger transaction with Cardiogenesis. During the summer and fall of 2010, Mr. McCormick had several in-person meetings and engaged in intermittent discussions with, and provided requested information to, representatives of Company A.

On August 12, 2010, Mr. Lee contacted Mr. McCormick to express CryoLife's renewed interest in evaluating a potential acquisition of Cardiogenesis, and requested additional information about Cardiogenesis' business. On August 24, 2010, Cardiogenesis' senior management met with representatives of Company A to discuss the scope and process of conducting due diligence. In addition, Cardiogenesis was presented with information about Company A's

current business and technology and the potential strategic advantages of a transaction between Cardiogenesis and Company A. Senior management of Company A provided Mr. McCormick with an outline of the process they believed would be required to complete a transaction with Cardiogenesis in a timely manner.

Table of Contents

On September 13, 2010, at a regularly scheduled meeting of our board of directors, Mr. McCormick updated our board of directors on discussions with Company A. A representative of K&L Gates LLP, which we refer to as K&L Gates, Cardiogenesis' outside counsel, counseled our board of directors on its fiduciary duties in connection with a potential strategic transaction and outlined the process our board of directors should implement to properly evaluate a potential offer, including the retention of a financial advisor. In order to be in a better position to properly evaluate a potential transaction, our board of directors instructed Cardiogenesis' senior management to interview and retain an investment bank to act as Cardiogenesis' financial advisor.

In mid-September 2010, Mr. McCormick began discussions with representatives of Company A regarding the terms of a non-binding letter of intent which would set forth the general business terms of a proposed strategic transaction. Mr. McCormick continued to negotiate the terms of a potential transaction with Company A through October. Company A's verbal proposals involved a merger of equals transaction, but no formal offer was presented to Cardiogenesis. Mr. McCormick continued to interview investment banks as possible financial advisors.

On September 15, 2010, Mr. Lee held a telephone conference with Mr. McCormick to continue gathering information regarding Cardiogenesis' business as CryoLife evaluated the potential acquisition of Cardiogenesis.

On September 29, 2010, Cardiogenesis entered into the 2010 NDA.

On October 1, 2010, Messrs. Anderson, Lee, Capps, Seery and David Fronk, Vice President, Regulatory Affairs and Quality Assurance, of CryoLife and Messrs. McCormick and Lanigan of Cardiogenesis held a telephone conference to continue CryoLife's evaluation of the potential acquisition and to gain more insight into Cardiogenesis' business.

On October 6 and 7, 2010, members of CryoLife's management, with the assistance of Cardiogenesis' management, participated in customer calls to discuss Cardiogenesis' products.

On October 13, 2010, Mr. Lee had a telephone conference with Mr. McCormick to continue discussions about Cardiogenesis' financial and operating performance and gather further information to aid in the evaluation of Cardiogenesis' business. Mr. McCormick notified Mr. Lee that he was in discussions with Company A and expected to receive a draft letter of intent shortly that would include an exclusivity provision in the event CryoLife was interested in making a formal proposal.

On October 20, 2010, representatives of Piper Jaffray & Co., which we refer to as Piper Jaffray, financial advisor to CryoLife, sent a letter, on behalf of CryoLife, to Mr. McCormick which set forth the terms of a proposed strategic transaction. This indication of interest expressed CryoLife's preliminary interest in exploring a potential transaction involving Cardiogenesis at a range of between \$0.36 and \$0.40 per Share; was non-binding in nature and could be withdrawn or modified by CryoLife at any time, and was subject to due diligence conducted by CryoLife. Mr. McCormick discussed the indication of interest with a representative of K&L Gates. Mr. McCormick also had separate informal discussions with members of our board of directors regarding the indication of interest.

On October 22, 2010, Mr. Lee received a call from Mr. McCormick indicating that he did not think the proposal represented fair value based on revenues in comparable deals and did not believe the tender offer would be of interest to our board of directors. Mr. Lee indicated to Mr. McCormick that a portion of the consideration could be paid in CryoLife's stock, which CryoLife believed was undervalued. Mr. Lee suggested that senior management of CryoLife meet with our board of directors to provide more detail regarding CryoLife's business. Our board of directors agreed to a meeting with CryoLife's senior management and CryoLife's financial advisor, Piper Jaffray.

Our board of directors decided not to contact other potential purchasers at that time, since CryoLife's proposal was only preliminary, the range of consideration in the proposal to move forward with a transaction and our board of

directors had not otherwise determined that Cardiogenesis was for sale. Our board of directors was also concerned with the potential risks of contacting other parties at that time, including market communication risk and risks of disruption to its relationships with its stakeholders. However, Mr. McCormick continued to have discussions with representatives of Company A regarding a potential transaction.

Cardiogenesis entered into an engagement letter with B. Riley, dated November 7, 2010, to act as Cardiogenesis financial advisor in connection with evaluating potential transactions. Our board of directors selected B. Riley based on its experience and reputation with respect to business combination transactions, as well as its

Table of Contents

familiarity with Cardiogenesis' business, products and pipeline. B. Riley had not been engaged to provide financial advisory services to Cardiogenesis in at least the prior three years. Following our board of directors' decision to engage B. Riley, neither Cardiogenesis nor CryoLife held discussions with B. Riley regarding possible future engagements of B. Riley following this engagement by our board of directors. B. Riley immediately assisted Cardiogenesis in reviewing the indication of interest received from CryoLife and the status of the negotiations with Company A. In order to efficiently manage the process of reviewing potential proposals from third parties, our board of directors authorized Cardiogenesis' senior management to review, analyze, and negotiate proposals from third parties, but no definitive steps relating to any such proposal could be made without the approval of our board of directors.

On November 9, 2010, CryoLife's senior management met in-person with our board of directors at the offices of K&L Gates to discuss the transaction proposed by the indication of interest and to provide information regarding CryoLife's current business and technology. Representatives from Piper Jaffray, B. Riley and K&L Gates were present at the meeting. Following the departure of CryoLife's senior management, representatives of B. Riley provided our board of directors a valuation overview of Cardiogenesis and metrics to consider when evaluating the alternatives presented by CryoLife and Company A. Our board of directors requested B. Riley to provide a more detailed valuation analysis of Cardiogenesis for our board of directors to consider. Our board of directors also engaged in extensive discussion regarding the benefits and risks of receiving stock consideration from either CryoLife or Company A.

On November 12, 2010, representatives of B. Riley contacted representatives of Piper Jaffray to indicate that Cardiogenesis may be interested in discussing a possible transaction with CryoLife, but would need review a financial analysis of Cardiogenesis by B. Riley to better understand CryoLife's offer.

On November 18, 2010, at a regular meeting of our board of directors, B. Riley made a presentation that analyzed the results and effect of a potential transaction with either CryoLife or Company A. B. Riley also presented to our board of directors information regarding Cardiogenesis' current valuation. A representative from K&L Gates also attended the meeting. After considering, among other things, B. Riley's analysis, our board of directors concluded that, while the proposed price range in CryoLife's preliminary offer was insufficient, there was a potential opportunity to generate higher value through engaging in negotiations with CryoLife. Following this meeting, our board of directors instructed B. Riley to propose a counter-offer to CryoLife's previous indication of interest including the issuance of CryoLife's stock as part of the consideration, increasing the value of the total consideration to \$0.50 per Share and requesting a go-shop period to allow Cardiogenesis to solicit competing bids after announcement of a transaction.

Between November 18, 2010 and late November, Mr. McCormick continued to negotiate with each of CryoLife and Company A. In late November, 2010, representatives of B. Riley approached 18 strategic partners, many of whom had already been previously contacted by Mr. McCormick, in order to gauge their interest in a potential transaction with Cardiogenesis. However, other than Company A, there was no additional interest in a potential transaction from any of the parties contacted. Company A sent a draft proposal to Cardiogenesis regarding a merger of equals transaction. However, our board of directors believed that a transaction with Company A was not desirable due to the impending delisting of Company A from its national securities exchange, Company A's uncertain capital resources and the integration risks of the combined company.

On November 26, 2010, representatives of B. Riley contacted representatives of Piper Jaffray to indicate that Cardiogenesis was interested in a potential transaction with CryoLife, but that the terms of the indication of interest would be insufficient. Representatives of B. Riley indicated Cardiogenesis may be interested in a transaction in which the consideration would be all stock and the consideration for each Share would be valued at \$0.50.

On November 29, 2010, Cardiogenesis received a letter of intent from Piper Jaffray on behalf of CryoLife. Among other terms revised by CryoLife, the letter of intent proposed merger consideration consisting of both cash and stock consideration. CryoLife's letter of intent also increased the consideration for each Share to \$0.50, required a \$1 million

termination fee, did not allow our board of directors to have a go-shop period to solicit higher bids for a transaction, and required both parties to enter into a thirty-day exclusivity period whereby Cardiogenesis would be required to break off discussions with all other parties to allow for due diligence and the negotiation of a definitive Merger Agreement.

Table of Contents

On December 3, 2010, our board of directors held a special meeting to discuss the letter of intent from CryoLife. Representatives from K&L Gates and B. Riley also participated in the meeting. K&L Gates reviewed the legal terms of the letter of intent as well as discussed with our board of directors their fiduciary duties owed to Cardiogenesis shareholders under applicable state law when considering the proposed transaction. B. Riley then reviewed with our board of directors the discussions to date with CryoLife and the terms of the letter of intent. B. Riley then presented an update regarding the status of discussions with Company A. Our board of directors then extensively discussed, among other things, the prospects for Cardiogenesis remaining as an independent company, and whether a possible sale of Cardiogenesis would maximize value for Cardiogenesis shareholders. B. Riley was instructed to communicate to Piper Jaffray that our board of directors requested a 45-day go-shop provision.

On December 4, 2010, Mr. Lee notified Mr. McCormick that CryoLife was willing to agree to a 20 day go-shop provision, but the break up fee after the 20 day go-shop expired would increase to \$1.5 million. CryoLife provided a letter of intent reflecting those additional terms.

On December 6, 2010, at a special meeting, our board of directors continued its review and discussion of CryoLife's letter of intent. Our board of directors considered the positive and negative factors and risks in connection with the proposed transaction, as discussed in the section entitled Recommendation of Our Board of Directors; Reasons for Recommending the Approval of the Merger Agreement beginning on page 20. K&L Gates reviewed our board of directors' fiduciary duties owed to Cardiogenesis shareholders under applicable state law. Following such review and discussion, our board of directors authorized Mr. McCormick to execute the revised letter of intent and move forward with finalizing due diligence and preparing a definitive Merger Agreement. Cardiogenesis subsequently informed Company A that, as a result of the 30 day exclusivity period contained in the letter of intent, it was prohibited from engaging in further discussions with Company A due to contractual requirements.

On December 14, 2010, CryoLife commenced its confirmatory due diligence review of Cardiogenesis, including access to Cardiogenesis' online data room.

In December 2010, CryoLife continued its due diligence efforts. On December 22, 2010, Cardiogenesis received a first draft of the Merger Agreement from Arnall Golden Gregory, LLP, which we refer to as AGG, CryoLife's outside counsel. K&L Gates immediately began to negotiate the Merger Agreement with AGG.

Several due diligence meetings between members of the management teams of Cardiogenesis and CryoLife were held from October 2010 through March 2011. These meetings covered numerous business, regulatory, legal and financial topics. The due diligence process also included telephonic due diligence discussions between Cardiogenesis and CryoLife's respective management and outside financial, legal and accounting advisors, and in-person due diligence review sessions, on-site due diligence visits to Cardiogenesis' facilities and access to Cardiogenesis' on-line data room containing financial, operational, regulatory, intellectual property, human resource, legal and other information concerning Cardiogenesis.

On January 4, 2011, Piper Jaffray informed B. Riley that, based upon the results of CryoLife's due diligence, CryoLife desired to revise the terms of its letter of intent. CryoLife now proposed, on a non-binding basis, an offer of either \$0.50 per Share in all-cash consideration, or \$0.45 per Share in an unspecified combination of cash and common stock of CryoLife. Cardiogenesis rejected such offer, which resulted in CryoLife submitting a new letter of intent on January 5, 2011 of either \$0.50 per Share in all-cash consideration, or \$0.47 per Share in 60% cash and 40% in common stock of CryoLife.

Our board of directors continued to discuss and review the revised proposal with the assistance of K&L Gates and B. Riley. On January 10, 2011, our board of directors unanimously agreed to accept the all-cash consideration offer of \$0.50 per Share.

CryoLife continued its due diligence efforts through January and February 2011. During March 2011, CryoLife informed Cardiogenesis that, based on the completion of its final diligence review, it was willing to pay \$0.45 per Share in the transaction. On March 4, 2011, our board of directors met to review the open issues identified from the diligence review and the revised offer. Mr. McCormick and B. Riley continued negotiating with CryoLife throughout March while K&L Gates and AGG continued their negotiation of the terms of the Merger Agreement.

Table of Contents

On March 21, 2011, CryoLife responded to the negotiation efforts with a final, all-cash offer of \$0.457 per share, subject to our board of directors' approval. On March 22, 2011, our board of directors met to consider the proposed transaction at the price of \$0.457 per share. Representatives of K&L Gates and B. Riley also attended the meeting. Representatives of B. Riley reviewed with our board of directors its financial analysis of the proposed transaction. Representatives of K&L Gates reviewed with our board of directors the current status and terms of the proposed Merger Agreement including the mechanics of the Top-Up Option, CryoLife and Cardiogenesis' respective termination rights, CryoLife's match rights, the Support Agreement, and the two-tier termination fee, as well as the fiduciary duties of directors in connection with their consideration of the transaction. Our board of directors discussed positive and negative factors relating to the proposed transaction, including the terms of the Top-Up Option, as well as the prospects of Cardiogenesis if it remained independent, including potential challenges, the timing and likelihood of accomplishing performance goals associated with success as an independent company, and the shareholders' ability to gain or lose from Cardiogenesis' future prospects as an independent company versus their ability to receive cash for their shares of our common stock in the proposed transaction. Representatives of B. Riley made a financial presentation and rendered to our board of directors its oral opinion on March 22, 2011 and confirmed by delivery of a written opinion, dated the same day, which opinion was subsequently updated on March 28, 2011 and confirmed by delivery of a written opinion, dated March 28, 2011, to the effect that the \$0.457 per Share in cash to be paid to the holders of the shares of our common stock pursuant to the Merger Agreement was fair, from a financial point of view, to such holders as discussed in the section entitled "Opinion of Our Financial Advisor" beginning on page 24. B. Riley's written opinion, dated March 22, 2011 is attached hereto as **Annex B** and is incorporated by reference herein.

Between March 21, 2011 and March 28, 2011, representatives of K&L Gates and AGG finalized the Merger Agreement and the other definitive transaction agreements.

Our board of directors considered whether Cardiogenesis should spend additional time negotiating with CryoLife in an attempt to gain improved transaction terms and whether Cardiogenesis should seek negotiations with other potential acquirers, but believed that CryoLife would be unlikely to improve its price or other transaction terms and would be unlikely to keep its offer open while Cardiogenesis sought to solicit other parties, and that any delay would jeopardize the possibility of closing a transaction. In addition, as our board of directors had previously determined in the negotiations leading up to execution of the letter of intent, any attempt to solicit other potential acquirers would likely result in CryoLife withdrawing its proposal, and our board of directors believed that there may be no likely strategic acquirer of Cardiogenesis at this time who would offer a higher price than CryoLife. Our board of directors also considered that, if there were any other potential acquirers that would offer a higher price, the termination provisions in both the Merger Agreement and Support Agreement would enable such a superior transaction to be successfully pursued. Our board of directors believed that any continuation or expansion of the negotiation process at this time would provide a further distraction to Cardiogenesis' senior management from running the business and would risk the confidentiality of the process as more parties potentially became involved over a longer period of time, which could result in disruption to Cardiogenesis' relationships with employees, customers, vendors, distributors and others and require early disclosure of negotiations in the marketplace, which in turn could jeopardize Cardiogenesis' bargaining position in any such negotiations.

After consideration of all of the factors discussed at this meeting and prior meetings, and the advice of its legal and financial advisors, our board of directors considered whether to accept CryoLife's offer and enter into the Merger Agreement at this time or to remain an independent company. Cardiogenesis' senior management and Cardiogenesis' financial and legal advisors answered questions from the members of our board of directors. B. Riley rendered an oral opinion to our board of directors, which was updated and confirmed in writing on March 28, 2011, to the effect that, based upon and subject to the matters described in the opinion, the consideration to be received by Cardiogenesis' shareholders in the tender offer and related Merger was fair from a financial point of view. Following further discussion, our board of directors voted unanimously to approve and adopt the Merger Agreement with CryoLife and recommend that Cardiogenesis' shareholders accept the tender offer.

On March 28, 2011, subsequent to the close of trading on the OTCQB and NYSE, CryoLife, Merger Sub and Cardiogenesis executed the Merger Agreement. Concurrently, Messrs. McCormick, Lanigan and Abbott and Cardiogenesis directors who together held approximately 2.7% of the outstanding shares of our common stock

Table of Contents

entered into the Support Agreement, by which they agreed to tender all of their shares of our common stock into the tender offer and/or vote them in favor of the Merger, subject to the terms and conditions set forth in such agreement.

On March 29, 2011, before the opening of trading on the OTCQB and NYSE, Cardiogenesis and CryoLife issued a joint press release announcing the execution of the Merger Agreement.

Also beginning on March 29, 2011, the day following the execution of the Merger Agreement, at the direction of our board of directors and under the supervision of Cardiogenesis senior management, representatives of B. Riley began the process of contacting parties to determine whether they might be interested in pursuing a transaction that would be superior to the proposed transaction with CryoLife.

On April 5, 2011, CryoLife and Merger Sub commenced the tender offer, which had an initial expiration date of May 2, 2011.

On April 14, 2011, subsequent to the close of trading on the OTCQB and NYSE, we executed the Amended and Restated Merger Agreement with CryoLife.

On April 15, 2011, we and CryoLife announced the Amended and Restated Merger Agreement and the proposed transaction with a joint press release before the opening of trading on the OTCQB and NYSE. The amendment reduced the number of shares subject to the tender offer to 49.9% of our outstanding shares of common stock, and also reduced the minimum condition to forty-nine and nine tenths percent (49.9%) of the then issued and outstanding shares.

As of April 18, 2011, none of the parties contacted during the go-shop process, on behalf of Cardiogenesis and at the direction of our board of directors, had submitted an acquisition proposal for Cardiogenesis, and there can be no assurance that such efforts will result in an alternative transaction being proposed or in a definitive agreement for such a transaction being entered into. We do not intend to announce further developments with respect to the solicitation process until our board of directors has made a decision regarding an alternative proposal, if any. On May 3, 2011, Merger Sub accepted for payment 23,221,166 shares of our common stock that were validly tendered into, and not withdrawn from the tender offer.

The portions of the history of the transaction set forth above that relate solely to CryoLife are based on statements made by CryoLife in the Offer to Purchase and Schedule TO, and have not been independently verified by Cardiogenesis.

Recommendation of Our Board of Directors; Reasons for Recommending the Approval of the Merger Agreement

Our Board of Directors Recommendation

At a special meeting of our board of directors convened on March 22, 2011, our board of directors (all of whom were unaffiliated with CryoLife or Merger Sub at that time) unanimously adopted and declared advisable the Merger Agreement, the tender offer and the Merger and unanimously determined that the Merger is in the best interests of Cardiogenesis and its shareholders. Accordingly, our board of directors recommends that our shareholders vote **FOR** approval and adoption of the Merger Agreement.

Reasons for the Recommendation of Cardiogenesis Board

In evaluating the Merger Agreement and the other transactions contemplated thereby, including the tender offer and the Merger, our board of directors consulted with Cardiogenesis' senior management and legal counsel and financial advisor, and considered a number of positive and negative factors in recommending that all shareholders vote for the approval and adoption of the Merger Agreement:

Cardiogenesis' Operating and Financial Condition; Prospects of Cardiogenesis

Our board of directors considered the current and historical financial condition, results of operations, and business of Cardiogenesis, as well as Cardiogenesis' financial plan and prospects, if it were to remain an independent company. Our board of directors evaluated Cardiogenesis' financial plan, including the execution

Table of Contents

risks and uncertainties, and the potential impact on the trading price of the shares of our common stock (which is not feasible to quantify in a definitive manner), if Cardiogenesis were to execute or fail to execute upon its financial plan. In particular, our board of directors considered the probability that Cardiogenesis would have to obtain additional debt or equity financing to complete its clinical trials for its PHOENIX Combination Delivery System and the potential difficulty in obtaining any financing. Our board of directors also considered the difficulty in expanding the market for transmyocardial revascularization with Cardiogenesis' limited resources, and the fact that Cardiogenesis would need to seek additional capital resources to operate and grow its existing business as an independent company.

Available Alternatives; Results of Discussions with Third Parties

Our board of directors considered the possible alternatives to the acquisition by CryoLife and perceived risks of those alternatives, the range of potential benefits to shareholders of these alternatives and the timing and the likelihood of accomplishing the goals of such alternatives, as well as our board of directors' assessment that none of these alternatives were reasonably likely to present superior opportunities for Cardiogenesis to create greater value for shareholders, taking into account risks to the successful completion of a transaction as well as regulatory, business, competitive, industry and market risks. Our board of directors also considered the results of the process that it had conducted, with the assistance of Cardiogenesis' management and its financial and legal advisors, to evaluate strategic alternatives and the results of discussions with third parties regarding business combination and change of control transactions. Our board of directors considered the risk of CryoLife terminating its bid for Cardiogenesis. Our board of directors considered the indication of interest in a merger transaction expressed by Company A, including the investigation and diligence Company A had completed and the execution and business risks of any transaction with Company A.

Financial Market Conditions; Historical Trading Prices

Our board of directors considered the current regional, national and international economic climate and the conditions of the financial markets. Specifically, our board of directors considered the fact that our shares of our common stock were not quoted on a national securities exchange and there was limited trading volume, which they believed made achieving a successful financing transaction more difficult. Our board of directors considered historical market prices, volatility and trading information with respect to our shares of our common stock, including the fact that the tender offer represented a premium of approximately 52.3% over the closing price per share of our common stock on March 21, 2011, the last full trading day prior to the date of the meeting of our board of directors to consider and approve the Merger Agreement.

Opinion of the Cardiogenesis' Financial Advisor

Our board of directors considered the written opinion of B. Riley delivered on March 22, 2011 and updated and confirmed in writing on March 28, 2011, to our board of directors as to the fairness, from a financial point of view and as of such date, of the tender offer price to be paid to shareholders pursuant to the Merger Agreement, as more fully described in the section entitled "Opinion of Our Financial Advisor" beginning on page 24.

Cash Consideration; Certainty of Value

Our board of directors considered the form of consideration to be paid to the shareholders in the tender offer and the Merger and the certainty of the value of cash consideration compared to stock or other forms of consideration, as well as the fact that CryoLife's proposal was not subject to obtaining any outside financing. Our board of directors considered the business reputation of CryoLife and its management and the substantial financial resources of CryoLife and, by extension, Merger Sub, which our board of directors believed supported the conclusion that a transaction with CryoLife and Merger Sub could be completed relatively quickly and in an orderly manner.

Table of Contents

Terms of the Merger Agreement

Our board of directors considered provisions of the Merger Agreement, including the respective representations and warranties (as qualified by information in confidential disclosure schedules provided by Cardiogenesis in connection with the signing of the Merger Agreement, which modify, qualify and create exceptions to the representations and warranties and allocate risk between Cardiogenesis, CryoLife, and Merger Sub, rather than establishing matters of fact, and, accordingly, may not constitute the actual state of facts about Cardiogenesis, CryoLife, or Merger Sub) and covenants and termination rights of the parties and termination fees payable by Cardiogenesis, including without limitation:

- (1) *Cash Tender Offer.* The tender offer and the Merger provided for a prompt cash tender offer for 49.9% of the shares of our common stock to be followed by a Merger for the same consideration, thereby enabling shareholders, in an expeditious time frame, to obtain the benefits of the transaction in exchange for their shares of our common stock.
- (2) *No Financing Condition.* CryoLife's obligations under the Merger Agreement are not subject to any financing condition, CryoLife's representations in the Merger Agreement that it has and will have sufficient funds available to it to consummate the tender offer and the Merger and CryoLife's financial strength.
- (3) *Go Shop Provisions.* The provisions in the Merger Agreement that provided Cardiogenesis, for a period of twenty days from the execution of the Merger Agreement, which we refer to as the Go-Shop Period, the ability to initiate, solicit and encourage alternative acquisition proposals from third parties and to provide non-public information and to and engage in discussion or negotiations with third parties with respect to alternative acquisition proposals.
- (4) *Ability to Respond to Certain Unsolicited Takeover Proposals.* The provisions in the Merger Agreement that provided for the ability of our board of directors, after the expiration of the Go-Shop Period, which we refer to as the No-Shop Period Start Date, in furtherance of the exercise of its fiduciary duties under California law, to engage in negotiations or discussions with any third party that had made a bona fide, written takeover proposal that our board of directors believed in good faith was reasonably likely to lead to a Superior Proposal (as defined in Section 6.2(h)(iv) of the Merger Agreement) and to furnish to such third party non-public information relating to Cardiogenesis pursuant to a confidentiality agreement that contained confidentiality provisions that were no less favorable to Cardiogenesis than those contained in the confidentiality agreement entered into with CryoLife.
- (5) *Change of Recommendation; Fiduciary Termination Right.* In the event Cardiogenesis receives a takeover proposal that constitutes a Superior Proposal, our board of directors has the right, prior to the acceptance of the shares of our common stock in the tender offer by Merger Sub, to fail to make, withdraw or modify in a manner adverse to CryoLife its approval or recommendation to its shareholders of the tender offer or declaration of advisability of the Merger Agreement, the tender offer, or the Merger. However, our board of directors could not make such an adverse recommendation change in response to a takeover proposal received from a third party unless Cardiogenesis gave CryoLife five business days after delivery of such notice to propose revisions to the terms of the Merger Agreement (or make another proposal) and if CryoLife proposed to revise the terms of the Merger Agreement or make another proposal, Cardiogenesis, during such period, negotiated in good faith with CryoLife with respect to such proposed revisions or other proposal (with any material changes to an acquisition proposal requiring a new notice and a new one business day period for negotiations). Our board of directors had the ability to terminate the Merger Agreement to accept a Superior Proposal if (i) our board of directors determined in good faith, after consultation with outside legal counsel, that the failure to take such action was inconsistent with its fiduciary duties, (ii) Cardiogenesis complied with requirements set forth in the prior sentence and (iii) Cardiogenesis paid CryoLife the applicable termination fees of \$1 million or \$1.5 million.

(6) *Conditions to Consummation of the Tender Offer and the Merger; Likelihood of Closing.* The reasonable likelihood of the consummation of the transactions contemplated by the Merger Agreement and the fact that Merger Subs and CryoLife's obligations to purchase shares of our common stock in the tender offer and to close the Merger are subject to limited conditions.

Table of Contents

Failure to Close; Public Announcement

Our board of directors considered the possibility that the transactions contemplated by the Merger Agreement may not be consummated, and the effect of a public announcement of the Merger Agreement, including effects on Cardiogenesis sales, operating results, stock price and employee retention.

Termination Fee

The Merger Agreement provides for a two tiered termination fee. If the termination fee becomes payable as a result of Cardiogenesis terminating the Merger Agreement in order to enter into a definitive acquisition agreement with respect to a Superior Proposal that is entered into prior to the No-Shop Period Start Date, the amount of the termination fee will be \$1 million. If the termination fee becomes payable in other circumstances, the amount of the termination fee will be \$1.5 million. Our board of directors considered that these provisions in the Merger Agreement could have had the effect of deterring third parties who might have been interested in exploring an acquisition of Cardiogenesis but was of the view that the payment of the termination fee was comparable to termination fees in transactions of a similar size, was reasonable and would not likely deter competing bids. In addition, our board of directors recognized that the provisions in the Merger Agreement relating to termination fees and non-solicitation of acquisition proposals were insisted upon by CryoLife as a condition to entering into the Merger Agreement and that the termination fee would not likely be required to be paid unless Cardiogenesis entered into, or intended to enter into, a definitive agreement with respect to a Superior Proposal.

Support Agreement

Our board of directors considered the fact that CryoLife required each executive officer and all members of our board of directors, who together owned approximately 2.7% of the outstanding shares of our common stock as of March 25, 2011, to enter into the Support Agreement, pursuant to which such persons were required to (i) tender in the tender offer, and not withdraw, 100% of the shares of our common stock owned by them, if so requested by CryoLife, (ii) vote 100% of the shares of our common stock owned by them in favor of the adoption of the Merger Agreement and to approve the Merger in the event shareholder approval is required to consummate the Merger pursuant to Section 1201 of the CGCL and against any competing transactions, (iii) appoint CryoLife as a proxy to vote 100% of the shares of our common stock owned by them in connection with the Merger Agreement, and (iv) not otherwise transfer the share of our common stock. Our board of directors further considered that the Support Agreement and the obligations of such shareholders thereunder would terminate in the event the Merger Agreement was terminated. Our board of directors also considered whether the terms of the Support Agreement could limit our board of directors ability to consider, recommend or accept a competing bid and create a barrier to potential competing offers and concluded that it did not because the Support Agreement terminated upon termination of the Merger Agreement, including a termination arising in connection with Cardiogenesis acceptance of a Superior Proposal.

The foregoing discussion of information and factors considered and given weight by our board of directors is not intended to be exhaustive, but is believed to include all of the material factors considered by our board of directors. In view of the variety of factors considered in connection with its evaluation of the tender offer and the Merger, our board of directors did not find it practicable to, and did not, quantify or otherwise assign relative weights to the specific factors considered in reaching its determinations and recommendations. In addition, individual members of our board of directors may have given different weights to different factors.

Our board of directors determined that the factors described above under *Cardiogenesis Operating and Financial Condition; Prospects of Cardiogenesis, Available Alternatives; Results of Discussions with Third Parties, Financial Market Conditions; Historical Trading Prices, Opinion of Cardiogenesis Financial Advisor, Cash Consideration; Certainty of Value, and Terms of the Merger Agreement* are reasons in support of our board of directors decision to

recommend that all shareholders accept the tender offer and tender their shares of our common stock pursuant to the tender offer and vote to approve and adopt the Merger Agreement. Our board of directors considered the other factors described above as neutral or negative and concluded that the reasons for recommending that all shareholders accept the tender offer and tender their shares of our common stock pursuant to the tender offer and vote to approve and adopt the Merger Agreement outweighed the neutral and negative factors.

Table of Contents

In arriving at their respective recommendations, our directors were aware of the interests of Cardiogenesis executive officers and directors as described in more detail throughout this proxy statement.

Opinion of Our Financial Advisor

Pursuant to an engagement letter dated November 7, 2010, Cardiogenesis retained B. Riley to deliver its opinion, which we refer to as the Opinion, as to the fairness, from a financial point of view, of the consideration to be received by the holders of the shares of our common stock in the tender offer and the Merger, which we sometimes refer to together as the Transaction. At a meeting of our board of directors on March 22, 2011, B. Riley delivered its oral Opinion to our board of directors which was confirmed in a written Opinion, dated the same day, (subsequently such Opinion was updated as of March 28, 2011 and confirmed in a written opinion dated March 28, 2011) that based upon and subject to the assumptions, procedures, considerations and limitations set forth in the written opinion and based upon such other factors as B. Riley considered relevant, that the consideration (as defined below) to be paid in connection with the tender offer and the Merger is fair, from a financial point of view, to the holders of the shares of our common stock as of the date of the Opinion.

The full text of the written Opinion of B. Riley, dated March 22, 2011, which sets forth, among other things, the assumptions made, procedures followed, matters considered and limitations on the scope of the review undertaken by B. Riley in rendering its opinion, is attached as Annex B to this Proxy Statement and is incorporated by reference herein. The Opinion addresses only the fairness, from a financial point of view as of the date of the Opinion, of the consideration to be paid pursuant to the Merger Agreement to the holders of the shares of our common stock. B. Riley's Opinion was directed solely to our board of directors in connection with its consideration of the Transaction and was not intended to be, and does not constitute, a recommendation to any shareholder as to how such holders should act, vote or tender their shares of our common stock in regards to the Transaction.

In connection with rendering the Opinion described above and performing its financial analyses, B. Riley, among other things performed the following:

Reviewed and analyzed certain historical and projected financial information for Cardiogenesis;

Interviewed Cardiogenesis management and discussed Cardiogenesis operations, financial conditions, future prospects and business plans;

Reviewed Cardiogenesis audited financial statements for the three fiscal years ended December 31, 2009, and the unaudited financial results for the fiscal year ended December 31, 2010;

Reviewed CryoLife's audited financial statements for the four fiscal years ended December 31, 2010;

Reviewed certain internal financial statements and forecasts prepared by Cardiogenesis management and also reviewed other financial and operating data concerning Cardiogenesis, which we refer to as the Projections. With respect to the Projections, upon advice of Cardiogenesis, B. Riley assumed that such projections were reasonably prepared on a basis reflecting the best currently available estimates and judgments of Cardiogenesis management as to the future financial performance of Cardiogenesis;

Reviewed the final Merger Agreement, dated March 28, 2011;

Reviewed certain publicly available financial data, stock market performance data and trading multiples of companies which it deemed general comparable to Cardiogenesis;

Performed a discounted cash flow analysis based on future projected cash flows for Cardiogenesis prepared by management;

Performed a series of commonly used and widely accepted analyses relating to determining a fair value for the transactions of the type and profile of the present transaction;

Reviewed the current and historical reported prices and trading activity of the shares;

Table of Contents

Reviewed historical ratios, valuation multiples and other financial data for the shares of our common stock and compared them to certain publicly traded companies which B. Riley deemed generally comparable to Cardiogenesis;

Reviewed the financial terms, to the extent publicly available, of certain comparable merger and acquisition transactions that B. Riley deemed relevant; and

Reviewed the premiums paid with respect to selected recent acquisitions of publicly traded companies of similar size to Cardiogenesis.

In addition, B. Riley conducted such other financial studies, analyses and investigations and evaluated such other information as it deemed necessary in arriving at its opinion.

The following is a summary of the material financial analyses performed by B. Riley in connection with the preparation of its Opinion, which was reviewed with, and verbally delivered to, our board of directors at a meeting held on March 22, 2011 and confirmed in a written opinion, dated the same day, and which was updated on March 28, 2011 and confirmed in a written opinion dated March 28, 2011. The preparation of analyses and a fairness opinion is a complex analytic process involving numerous determinations as to the most appropriate and relevant methods of financial analysis and the application of those methods to the particular circumstances. Therefore, this summary does not purport to be a complete description of all of the analyses performed by B. Riley.

This summary includes financial information and tables, which must be read and considered as a whole with other information discussed or presented in order to fully understand the financial analyses presented by B. Riley. The tables alone do not constitute a complete summary of the financial position of Cardiogenesis or of the analyses performed. The order in which these analyses are presented below, and the results of those analyses, should not be taken as any indication of the relative importance or weight given to these analyses by B. Riley or our board of directors. Except as otherwise noted, the following quantitative information, to the extent that it is based on market data, as it existed on or before March 28, 2011, does not necessarily reflect current market conditions.

Transaction Overview

In performing its analysis, B. Riley noted that Cardiogenesis' shareholders would receive a cash consideration of approximately \$21.7 million, at a price per share of \$0.457. For purposes of its analyses, B. Riley calculated (i) Cardiogenesis' equity value implied by the Transaction to be approximately \$21.7 million, based on approximately 47,588,457 shares of our common stock and common stock equivalents outstanding, consisting of options, warrants, and shares of restricted stock, calculated using the treasury stock method and the tender offer price, and (ii) Cardiogenesis' enterprise value, or EV (for the purposes of this analysis, implied EV equates to implied equity value, plus debt, less cash) to be approximately \$20.5 million.

Analysis of Cardiogenesis

Historical Trading Analysis.

B. Riley reviewed the historical closing prices and trading volumes for the shares of our common stock for the last three years, in order to provide background information on the prices at which the shares of our common stock have historically traded. The following table summarizes these historical closing prices relative to the implied value of the tender offer price for the shares of our common stock.

From January 1, 2008 to March 28, 2011, Cardiogenesis closing stock price has been reported within a range of \$0.11 to \$0.42.

Table of Contents

	Price Per Share
Offer Price implied value	\$ 0.4570
Closing price on March 28, 2011	\$ 0.32
1-month volume weighted average price prior to March 28, 2011	\$ 0.294
3-month volume weighted average price prior to March 28, 2011	\$ 0.281
6-month volume weighted average price prior to March 28, 2011	\$ 0.266
1-year volume weighted average price prior to March 28, 2011	\$ 0.272
3-year high	\$ 0.40
3-year low	\$ 0.11

Selected Public Companies Analysis.

B. Riley reviewed selected historical financial data of Cardiogenesis and estimated financial data prepared by Cardiogenesis management as its internal forecast for calendar year 2011 and compared them to corresponding financial data, where applicable, for public companies in the medical device industry with a primary focus on vascular and cardiology surgical products, as is the case for Cardiogenesis. Additionally, B. Riley selected public companies with a similar industry segment focus and financial profile. B. Riley selected companies based on information obtained from SEC filings, public company disclosures, press releases, industry and popular press reports, databases, professional judgment and other sources and by applying the following general criteria:

companies with last twelve months, or LTM, revenue of greater than \$5 million and less than \$500 million;

companies with EVs greater than \$5 million and less than \$1 billion; and

companies with positive revenue growth for projected 2011.

Based on these criteria, B. Riley identified and analyzed the following selected companies:

Merit Medical Systems, Inc.

AngioDynamics, Inc.

Vascular Solutions Inc.

AtriCure, Inc.

CryoLife, Inc.

The Spectranetics Corporation

LeMaitre Vascular

Cardica, Inc.

For the selected public companies analysis, B. Riley compared:

Valuation multiples derived from the tender offer price's enterprise value and Cardiogenesis' corresponding LTM and projected 2011 revenue; and

Valuation multiples for the selected public companies derived from enterprise values on March 28, 2011 and corresponding LTM and projected 2011 revenue.

Due to Cardiogenesis' negative EBITDA (calculated throughout as earnings before interest, taxes, depreciation and amortization and stock-based compensation) for the LTM and projected calendar 2011, B. Riley could not analyze comparable EV / EBITDA valuation multiples.

Table of Contents*Selected Vascular and Cardiology Public Companies.*

	Selected Public Companies				
	Cardiogenesis(1)	High Quartile(2)	Adjusted Mean(3)	Median	Low Quartile(2)
EV to LTM revenue(4)(5)	1.8x	2.3x	1.8x	1.8x	1.2x
EV to projected 2011 revenue(6)	1.4x	1.9x	1.5x	1.5x	1.0x

(1) Based on the tender offer price to be received.

(2) High and low observations represent the upper (75th percentile) and lower (25th percentile) quartiles of the range, respectively.

(3) Adjusted mean excludes high and low observations.

(4) Enterprise Value (EV) = equity market capitalization plus interest bearing debt less cash.

(5) Revenues for Cardiogenesis LTM reflect calendar year ending December 31, 2010.

(6) Projected calendar 2011 revenue for Cardiogenesis was based on the estimates of Cardiogenesis management. Projected calendar 2011 revenue for the selected public companies was based on Wall Street research or consensus estimates.

The selected public companies analysis showed that, based on the estimates and assumptions used in the analysis, the implied valuation multiples of Cardiogenesis were within or above the range of valuation multiples of the selected public companies when comparing the ratio of EV to LTM revenue and projected 2011 revenue.

No company utilized in the selected public companies analysis is identical to Cardiogenesis. B. Riley did not weigh the results of any selected public company more than the others, due to the fact that the target companies have different business, size or growth and profitability characteristics than Cardiogenesis.

In evaluating and selecting the public companies, B. Riley made judgments and assumptions with regard to industry performance, general business, economic, market and financial conditions and other matters.

Selected M&A Transaction Analysis

B. Riley reviewed merger and acquisition transactions involving target companies in the medical device industry with a primary focus on vascular and cardiology products that it deemed comparable to Cardiogenesis. B. Riley selected the merger and acquisition transactions in order to provide a comparison of targets with a similar industry focus and financial profile. B. Riley selected these transactions based on information obtained by searching SEC filings, public company disclosures, press releases, industry and popular press reports, databases, professional judgment and other sources and by applying the following criteria:

transactions involving target companies in the medical device industry with a primary focus on vascular and cardiology products;

transactions that were announced since January 1, 2009;

targets with LTM revenue of greater than \$5 million and less than \$250 million; and

targets with transaction EVs greater than \$5 million and less than \$250 million.

Table of Contents

Based on the foregoing, the following transactions were selected:

Target	Acquiror
Angiotech Vascular Graft Business	LeMaitre Vascular
Biotel	CardioNet
PLC Medical TMR Unit	Novadaq Technologies
Cardiac Science	Opto Circuits
Initios Medical	Bracco Imaging
Gish Biomedical	Sorin
CardioPolymers	Lonestar Heart
LightLab Imaging	St. Jude Medical
FlowCardia	CR Bard
Sorin Group Angel and ActivAT Assets	Cytomedix
Sawtooth Labs	Avinger
Unomedical	Paul Hartmann
CHF Solutions	Gambro
Anthem Cardiac Management Unit	Sorin
Brivant Limited	Lake Region Medical
CardioDynamics Intl	SonoSite
Starion Instruments Corporation	Microline Surgical, Inc.
Evaheart Medical	Asahi Kasei Corporation
Datascope EVH Unit	Sorin
FlowMedica	AngioDynamics

B. Riley calculated the ratio of EV to historical LTM revenue, as available, for each transaction. B. Riley then compared the results of these calculations with similar calculations for Cardiogenesis based on the implied value of the tender offer price.

Due to Cardiogenesis' negative EBITDA in calendar 2010 and projected calendar 2011, B. Riley did not consider it meaningful to analyze comparable EV / EBITDA valuation multiples.

Selected Vascular and Cardiology M&A Transactions.

	Selected M&A Transaction				
	Cardiogenesis(1)	High(2)	Adjusted Mean(3)	Median	Low(2)
EV to LTM revenue(4)	1.8x	1.1x	0.8x	0.8x	0.5x

(1) Based on the tender offer price.

(2) High and low observations represent the upper (75th percentile) and lower (25th percentile) quartiles of the range, respectively.

(3) Adjusted mean excludes high and low observations.

(4) Revenues for Cardiogenesis LTM reflect calendar year ending December 31, 2010.

The selected vascular and cardiology transactions analysis showed that, based on the estimates and assumptions used in the analysis, the implied valuation multiples of Cardiogenesis based on the tender offer price were within or above the range of valuation multiples of the selected transactions when comparing the ratio of EV to historical LTM revenue.

A selected M&A transactions analysis generates an implied value of a company based on publicly available financial terms of selected change of control transactions involving companies that share certain characteristics with the company being valued. However, no company or transaction utilized in the selected M&A transactions analysis is identical to Cardiogenesis or the tender offer and the Merger, respectively.

Table of Contents

B. Riley did not weigh the results of any selected transactions more than the others, due to the fact that the target companies have different business, size or growth and profitability characteristics than Cardiogenesis.

Premiums Paid Analysis

B. Riley reviewed publicly available information for selected completed or pending M&A transactions to determine the premiums paid in the transactions over recent trading prices of the target companies prior to announcement of the transaction. B. Riley selected these transactions from various database services and proprietary market information, the Securities Data Corporation database, if B. Riley determined the target was a public medical device company based upon SIC codes and professional judgment, and applied, among others, the following criteria:

M&A transactions featuring the acquisition of a medical device company;

M&A transactions announced between January 1, 2005 and January 1, 2011;

M&A transactions between a public company target and an acquirer seeking to purchase over 85% of shares;

For M&A transactions with multiple bids, premiums were calculated using the final bid;

Enterprise value greater than \$20 million and less than \$1 billion; and

No negative premiums for 1-day, 1-week and 1-month premiums.

The table below shows a comparison of premiums paid in these transactions to the premium that would be paid to Cardiogenesis shareholders based on the tender offer price.

	Selected Premiums Paid				
	Cardiogenesis(1)	High	Mean	Median	Low
Premium 1 day prior(2)	43%	272%	55%	35%	4%
Premium 1 week prior(3)	53%	322%	60%	38%	5%
Premium 1 month prior(4)	63%	308%	62%	41%	11%

(1) Based on the tender offer price to be received.

(2) Based on closing price per share of \$0.32 on March 28, 2011.

(3) Based on closing price per share of \$0.30 on March 21, 2011.

(4) Based on closing price per share of \$0.28 on February 28, 2011.

This premiums paid analysis showed that, based on the estimates and assumptions used in the analysis, the premiums paid over the market prices at the reference dates for the shares implied by the tender offer price are within the range of premiums paid in the selected M&A transactions.

Discounted Cash Flow Analysis

Using a discounted cash flows analysis, B. Riley calculated an estimated range of theoretical values for Cardiogenesis based on the net present value of (i) projected free cash flows from January 1, 2011 to December 31, 2015, discounted back to January 1, 2011, based on management projections, and (ii) a terminal value at calendar year end 2015 based upon a terminal growth rate, discounted back to January 1, 2011. The discounted cash flows were calculated using a single set of projections, updated for calendar 2010 results, as provided by Cardiogenesis management. The free cash flows for each year were calculated from the management projections as: EBIT less taxes (39.5% through 2015), plus depreciation and amortization, plus stock-based compensation, less capital expenditures, less the change in net working capital.

B. Riley calculated the range of net present values for each period from 2011 through 2015 based on discount rates ranging from 21.9% to 26.8%. The discount rate range reflects 90% and 110% of the weighted average cost of capital, or WACC, for Cardiogenesis, determined using a WACC analysis performed by B. Riley. B. Riley calculated the cost of equity used in the weighted average cost of capital analysis by summing a risk-free rate, a beta adjusted equity risk premium, and a size premium based on the implied equity value of Cardiogenesis. B. Riley

Table of Contents

calculated terminal values using a terminal growth rate ranging from 8% to 12% applied to projected calendar year 2015 net free cash flow, and discounted back to January 1, 2011. The terminal growth rate range of 8% to 12% was based on management's estimate of 10%. This analysis resulted in implied per share values of the shares of our common stock ranging from a low of \$0.20 per share of our common stock to a high of \$0.42 per share of our common stock. B. Riley observed that the tender offer price was within the range of values derived from this analysis.

Miscellaneous

The summary set forth above does not contain a complete description of the analyses performed by B. Riley, but does summarize the material analyses performed by B. Riley in rendering its Opinion. The preparation of a fairness opinion is a complex process and is not necessarily susceptible to partial analysis or summary description. B. Riley believes that its analyses and the summary set forth above must be considered as a whole and that selecting portions of its analyses or of the summary, without considering the analyses as a whole or all of the factors included in its analyses, would create an incomplete view of the processes underlying the analyses set forth in the Opinion. In arriving at its Opinion, B. Riley considered the results of all of its analyses and did not attribute any particular weight to any factor or analysis. Instead, B. Riley made its determination as to fairness on the basis of its experience and financial judgment after considering the results of all of its analyses. The fact that any specific analysis has been referred to in the summary above is not meant to indicate that this analysis was given greater weight than any other analysis. In addition, the ranges of valuations resulting from any particular analysis described above should not be taken to be B. Riley's view of the actual value of the shares of our common stock.

None of the selected companies or transactions used in the analyses above is directly comparable to Cardiogenesis or the tender offer and the Merger and the other transactions contemplated by the Merger Agreement. Accordingly, an analysis of the results of the comparisons is not purely mathematical; rather, it involves complex considerations and judgments concerning differences in historical and projected financial and operating characteristics of the selected companies and target companies in the selected transactions and other factors that could affect the public trading value or transaction value of the companies involved.

B. Riley performed its analyses solely for purposes of providing its Opinion to our board of directors. In performing its analyses, B. Riley made numerous assumptions with respect to industry performance, general business and economic conditions and other matters. Certain of the analyses performed by B. Riley are based upon forecasts of future results furnished to B. Riley by Cardiogenesis's management, which are not necessarily indicative of actual future results and may be significantly more or less favorable than actual future results. These forecasts are inherently subject to uncertainty because, among other things, they are based upon numerous factors or events beyond the control of the parties or their respective advisors. B. Riley does not assume responsibility if future results are materially different from forecasted results.

B. Riley's Opinion was one of many factors taken into consideration by our board of directors in making the determination to approve the Merger Agreement and recommend that Cardiogenesis's shareholders tender their shares of our common stock in connection with the tender offer. The above summary does not purport to be a complete description of the analyses performed by B. Riley in connection with the opinion and is qualified in its entirety by reference to the written opinion of B. Riley attached as **Annex B** hereto.

B. Riley relied upon and assumed, without assuming liability or responsibility for independent verification, the accuracy and completeness of all information that was publicly available or was furnished, or otherwise made available, to B. Riley or discussed with or reviewed by B. Riley. For the purpose of B. Riley's Opinion, B. Riley assumed that with respect to financial forecasts, estimates and other forward-looking information reviewed by B. Riley, that such information was reasonably prepared based on assumptions reflecting the best currently available estimates and judgments of the management of Cardiogenesis as to the expected future results of operations and

financial condition of Cardiogenesis to which such financial forecasts, estimates and other forward-looking information relate. B. Riley expressed no opinion as to any such financial forecasts, estimates or forward-looking information or the assumptions on which they were based.

B. Riley undertook no independent analysis of any pending or threatened litigation, regulatory action, possible unasserted claims or other contingent liabilities, to which Cardiogenesis was a party or may be subject, and made no

Table of Contents

assumption concerning, and therefore did not consider, the possible assertion of claims, outcomes or damages arising out of any such matters.

B. Riley's Opinion was necessarily based upon the information available to it and facts and circumstances as they existed at the time it rendered its Opinion and were subject to evaluation on the date of its opinion. Events occurring after the date of its Opinion could materially affect the assumptions used in preparing its opinion. B. Riley expresses no opinion as to the price at which the shares of our common stock may trade following announcement of the Merger or at any future time. B. Riley did not undertake to reaffirm or revise its Opinion or otherwise comment upon any events occurring after the date of its Opinion and does not have any obligation to update, revise or reaffirm its Opinion.

B. Riley's opinion addressed solely the fairness, from a financial point of view, to holders of the shares of our common stock of the tender offer price, as set forth in the Merger Agreement, to be paid by Merger Sub and did not address any other terms or agreement relating to the tender offer, Merger or any other terms of the Merger Agreement. B. Riley was not requested to opine as to, and its opinion does not address, the underlying business decision to proceed with the tender offer or effect the Merger.

Information About B. Riley

As a part of its investment banking business, B. Riley and/or its predecessor has been regularly engaged in the valuation of businesses and their securities in connection with mergers and acquisitions, underwritings, secondary distributions of listed and unlisted securities, private placements, and valuations for corporate and other purposes since 1984. Our board of directors selected B. Riley to be its financial advisor and render its fairness opinion in connection with the transactions contemplated by the Merger Agreement on the basis of such experience and its familiarity with Cardiogenesis.

B. Riley acted as a financial advisor to Cardiogenesis in connection with the tender offer and the Merger and will receive an estimated fee of approximately \$192,000 from Cardiogenesis, of which approximately \$146,000 is contingent upon the consummation of the tender offer and the Merger. B. Riley also received a fee of \$100,000 for rendering its Opinion. The Opinion fee was not contingent upon the consummation of the tender offer and the Merger or the conclusions reached in B. Riley's Opinion. Cardiogenesis has also agreed to indemnify B. Riley against certain liabilities and reimburse B. Riley for certain expenses in connection with its services. The Opinion has been approved by the Fairness Opinion Committee of B. Riley & Co., LLC. In the ordinary course of its business, B. Riley and its affiliates may actively trade securities of Cardiogenesis and CryoLife for its own account or the account of its customers and, accordingly, may at any time hold a long or short position in such securities. B. Riley may also, in the future, provide investment banking and financial advisory services to Cardiogenesis or CryoLife or entities that are affiliated with Cardiogenesis or CryoLife, for which B. Riley would expect to receive compensation.

Consistent with applicable legal and regulatory requirements, B. Riley has adopted policies and procedures to establish and maintain the independence of B. Riley's research Department and Personnel. As a result, B. Riley's research analysts may hold opinions, make statements or investment recommendations and/or publish research reports with respect to Cardiogenesis and the Merger and other participants in the Merger (including CryoLife) that differ from the opinions of B. Riley's investment banking personnel.

Prospective Financial Information

Cardiogenesis does not as a matter of course make public projections as to future performance, earnings or other results beyond the current fiscal year due to the unpredictability of the underlying assumptions and estimates. However, as described under the heading "Opinion of Our Financial Advisor" beginning on page 24, Cardiogenesis

provided to B. Riley for use in connection with the rendering of its Opinion to our board of directors and performing its related financial analysis, Cardiogenesis management's internal non-public four-year financial forecasts regarding Cardiogenesis anticipated future operations, which we refer to as the Projections. Cardiogenesis management also provided the Projections to our board of directors and to CryoLife in connection with its due diligence review. CryoLife has informed Cardiogenesis that it did not rely on these Projections in any material respect in its analysis of the transaction.

Table of Contents

The Projections were prepared by, and are the responsibility of, Cardiogenesis management. The Projections were not prepared with a view toward public disclosure, and, accordingly, they do not necessarily comply with published guidelines of the SEC, the guidelines established by the American Institute of Certified Public Accountants for preparation and presentation of financial forecasts, or generally accepted accounting principles. Windes & McClaughry Accountancy Corporation, Cardiogenesis independent registered public accounting firm, has not audited, reviewed, compiled or performed any procedures with respect to the Projections and does not express an opinion or any form of assurance related thereto. Cardiogenesis has included below a summary of the Projections to give its shareholders access to certain non-public information because such information was considered by B. Riley for purposes of rendering its opinion and was also provided to our board of directors and CryoLife. The summary of the Projections below is not being included in this proxy statement to influence a Cardiogenesis shareholder's decision whether to vote for or against the Merger and the Merger Agreement.

The Projections, while presented with numerical specificity, necessarily were based on numerous variables and assumptions that are inherently uncertain and many of which are beyond the control of Cardiogenesis management. Because the Projections cover multiple years, by their nature, they become subject to greater uncertainty with each successive year. The assumptions upon which the Projections were based necessarily involve judgments with respect to, among other things, future economic, competitive and regulatory conditions and financial market conditions, all of which are difficult or impossible to predict accurately and many of which are beyond Cardiogenesis control. The Projections also reflect assumptions as to certain business decisions that are subject to change.

Important factors that may affect actual results and result in the Projections not being achieved include, but are not limited to, the following: any inability by Cardiogenesis to sustain profitable operations or obtain additional financing on favorable terms if and when needed; any failure to obtain required regulatory approvals; failure of the medical community to expand its acceptance of transmyocardial revascularization procedures; possible adverse governmental rulings or regulations, including any FDA regulations or rulings; Cardiogenesis ability to comply with international and domestic regulatory requirements; the impact of healthcare policy laws, regulations and reforms upon Cardiogenesis industry; possible adverse Medicare or other third-party reimbursement policies or adverse changes in those policies; any inability by Cardiogenesis to ship product on a timely basis; Cardiogenesis ability to manage its growth; the effects of recent disruptions in global credit and equity markets and other adverse economic developments that could adversely affect the market for our products or our ability to raise needed financing; actions by our competitors; and Cardiogenesis ability to protect its intellectual property. Other factors that could cause Cardiogenesis actual results to differ materially are discussed in the Risk Factors section of Cardiogenesis Annual Report on Form 10-K for the year ended December 31, 2010 and Cardiogenesis other filings with the SEC. Cardiogenesis disclaims any obligation to update any forward-looking statements as a result of developments occurring after the date of this statement. In addition, the Projections may be affected by Cardiogenesis ability to achieve strategic goals, objectives and targets over the applicable period. This information constitutes forward-looking statements and actual results may differ materially and adversely from them. See Cautionary Statement Regarding Forward-Looking Information on page 10.

Accordingly, there can be no assurance that the Projections will be realized, and actual results may vary materially from those shown. The inclusion of the Projections in this proxy statement should not be regarded as an indication that Cardiogenesis or any of its affiliates, advisors or representatives considered or consider the Projections to be predictive of actual future events, and the Projections should not be relied upon as such.

Neither Cardiogenesis nor any of its affiliates, advisors, officers, directors or representatives can give any assurance that actual results will not differ from the Projections, and none of them undertakes any obligation to update or otherwise revise or reconcile the Projections to reflect circumstances existing after the date the Projections were generated or to reflect the occurrence of future events even in the event that any or all of the assumptions underlying the Projections are shown to be in error, but Cardiogenesis will amend the Projections provided in this proxy

statement and promptly disseminate revised information in the event that the existing disclosure materially changes. Neither Cardiogenesis nor any of its affiliates, advisors, officers, directors or representatives has made or makes any representation to any Cardiogenesis shareholder or other person regarding the ultimate performance of Cardiogenesis compared to the information contained in the Projections or that the Projections will be achieved. Cardiogenesis has made no representation to CryoLife or Merger Sub, in the Merger Agreement or otherwise, concerning the Projections.

Table of Contents

In light of the foregoing factors and the uncertainties inherent in the Projections, Cardiogenesis shareholders are cautioned not to place undue, if any, reliance on the Projections.

The following is a description of the Projections provided to B. Riley, our board of directors, and CryoLife:

Projected Financial Information
(dollar amounts are in thousands; all amounts are approximate)

	2011	2012	2013	2014
Revenue	\$ 14,431	\$ 16,031	\$ 17,794	\$ 20,108
Gross Profit	\$ 12,251	\$ 13,659	\$ 15,240	\$ 17,284
Gross Margin	84.9%	85.2%	85.6%	86.0%
Operating Expenses	\$ 13,577	\$ 14,233	\$ 12,796	\$ 12,323
Net Income	\$ (1,355)	\$ (603)	\$ 2,415	\$ 4,932
Adjusted EBITDA(1)	\$ (828)	\$ (178)	\$ 2,951	\$ 5,468

(1) Defined as net income before interest income, interest expense, provision for income tax, depreciation, amortization and expenses associated with stock based compensation.

The Projections include non-GAAP financial measures, including Adjusted EBITDA. Adjusted EBITDA means earnings before interest income, interest expense, provision for taxes, depreciation and amortization and expenses associated with stock-based compensation. Cardiogenesis believes that Adjusted EBITDA provides important information about the operating trends of Cardiogenesis. Cardiogenesis uses Adjusted EBITDA to evaluate performance of its business operations. These non-GAAP measures are not in accordance with, or an alternative for, measures prepared in accordance with GAAP and may be different from similarly titled measures used by other companies. Adjusted EBITDA is not based on any comprehensive set of accounting rules or principles. Non-GAAP measures have limitations in that they do not reflect all of the amounts associated with Cardiogenesis results of operations as determined in accordance with GAAP. These measures should only be used to evaluate Cardiogenesis results of operations in conjunction with the corresponding GAAP measures.

Set forth below is a reconciliation of Adjusted EBITDA to the most comparable GAAP financial measure based on the Projections, Net Income. This reconciliation was not provided to CryoLife in connection with its due diligence review or to B. Riley.

Adjusted EBITDA Reconciliation	2011	2012	2013	2014
Net Income	\$ (1,355)	\$ (603)	\$ 2,415	\$ 4,932
Plus Income Tax	\$ 25	\$ 25	\$ 25	\$ 25
Plus Depreciation Expense	\$ 280	\$ 170	\$ 281	\$ 281
Plus Stock Based Compensation	\$ 218	\$ 226	\$ 226	\$ 226
Plus Interest Expense, net	\$ 4	\$ 4	\$ 4	\$ 4
Adjusted EBITDA	\$ (828)	\$ (178)	\$ 2,951	\$ 5,468

Financing of the Tender Offer and Merger

CryoLife will provide Merger Sub with sufficient funds to pay for all shares of our common stock to be acquired in the Merger. The total amount of funds necessary to pay all Merger consideration and customary fees and expenses in connection with the Merger Agreement and the transactions contemplated therein, including the tender offer, is estimated to be approximately \$24.9 million, which will be used to pay shareholders of Cardiogenesis and holders of Cardiogenesis other equity-based interests. CryoLife has advised us that it expects to provide funds for these payments to Merger Sub, either as a capital contribution or as an intercompany loan. CryoLife will obtain such funds from cash on hand. CryoLife and Merger Sub do not have any alternative financing plans or arrangements. The consummation of the Merger is not conditioned upon any financing arrangements.

Table of Contents

Interests of Cardiogenesis Directors and Executive Officers in the Merger

In considering the recommendation of our board of directors to vote for the proposal to approve and adopt the Merger Agreement, shareholders should be aware that Cardiogenesis' executive officers and directors have agreements or arrangements that may provide them with interests that may differ from, or be in addition to, those of shareholders generally. Our board of directors was aware of these interests and considered them, among other matters, in determining the recommendation set forth in this proxy statement.

Consideration Payable Pursuant to the Merger

As of March 25, 2011, Cardiogenesis' directors and executive officers (and affiliates and affiliated investment entities) owned in the aggregate 911,561 shares of our common stock (excluding shares of our common stock issuable upon the exercise of options to purchase common stock and the vesting of restricted stock). The beneficial ownership of each director and executive officer as of March 25, 2011 is further described in this proxy statement under the heading "Securities Ownership of Certain Beneficial Owners and Management" beginning on page 61.

Effect of the Merger Agreement on Options and Restricted Stock

Options

As of March 25, 2011, Cardiogenesis' directors and executive officers held options to purchase 2,077,634 shares of our common stock in the aggregate, with exercise prices ranging from \$0.13 to \$2.57 per share. The Merger Agreement provides that any outstanding option to acquire shares of our common stock, whether vested or unvested, shall vest and become fully exercisable immediately prior to the effective time of the Merger in accordance with the terms and conditions of the applicable stock plan under which such option was granted and the applicable stock option agreement for such option. At the effective time of the Merger, each holder of an option will be entitled to receive an amount equal to the excess, if any, of the Merger consideration, without interest, over the exercise price per share of such option, less any required withholding taxes. If the exercise price per share of any option equals or exceeds \$0.457, such amount shall be zero.

Table of Contents

The table below sets forth information regarding the options held by Cardiogenesis directors and executive officers as of March 25, 2011 with an exercise price per share less than \$0.457.

Name	Number of Securities Underlying Cardiogenesis Stock Options (#)	Option Exercise Price (\$)	Aggregate Proceeds (\$)	Total (\$)
Paul McCormick	22,500	0.33	2,857.50	23,660
	7,500	0.29	1,252.50	
	50,000	0.22	11,850	
	100,000	0.38	7,700	
William Abbott	100,000	0.49		72,925
	100,000	0.30	15,700	
	175,000	0.13	57,225	
Richard Lanigan	11,806	2.57		123,539.35
	13,194	2.57		
	13,890	1.01		
	21,336	4.50		
	22,917	0.91		
	14,583	0.91		
	11,110	1.01		
	74,332	0.32	10,183.48	
	58,802	0.32	8,055.87	
	83,333	0.70		
	16,667	0.70		
	50,000	1.03		
	75,000	0.54		
100,000	0.50			
150,000	0.30	23,550		
250,000	0.13	81,750		
Raymond Cohen	22,500	0.18	6,232.5	10,082.50
	50,000	0.38	3,850	
Marvin Slepian	22,500	0.80		18,505
	7,500	0.59		
	7,500	0.59		
	7,500	0.25	1,552.50	
	7,500	0.29	1,252.50	
	50,000	0.22	11,850	
	50,000	0.38	3,850	
	100,000	0.59		
Gregory Waller	22,500	0.30	3,532.50	20,485
	7,500	0.29	1,252.50	
	50,000	0.22	11,850	
	50,000	0.38	3,850	
Ann Sabahat	22,500	0.28	3982.5	19,682.50

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50,000	0.22	11,850
50,000	0.38	3,850

35

Table of Contents*Restricted Stock*

As of May 4, 2011, Cardiogenesis executive officers and directors held, in the aggregate, 308,519 shares of restricted stock. Each share of restricted stock outstanding immediately prior to the purchase of the shares of our common stock pursuant to the tender offer, which we refer to as the Acceptance Time, will fully vest immediately prior to the Acceptance Time pursuant to the terms of the Merger Agreement. Thereafter, immediately prior to the effective time of the Merger, such shares will convert into the right to receive the Merger consideration.

The table below sets forth information regarding the shares of restricted stock held by Cardiogenesis directors and executive officers as of May 4, 2011.

Name	Restricted Shares (#)	Aggregate Proceeds (\$)
Paul McCormick	250,000	114,250.00
William Abbott	26,154	11,952.38
Richard Lanigan	32,365	14,790.81
Raymond Cohen		
Marvin Slepian		
Gregory Waller		
Ann Sabahat		

*Employment Agreements between Cardiogenesis and its Executive Officers**Employment Agreement with Mr. McCormick*

On June 24, 2009, our board of directors appointed Paul McCormick, a member of our board of directors, to serve as the Executive Chairman of our board of directors and principal executive officer of Cardiogenesis effective July 1, 2009, pursuant to an employment agreement. Under the terms of the employment agreement, Mr. McCormick is entitled to an annual base salary of \$250,000, provided that he devotes at least 75% of his time to his duties and responsibilities as Executive Chairman under the employment agreement. On May 17, 2010, Mr. McCormick's employment agreement was amended to reduce his base salary to \$200,000. Mr. McCormick is entitled to receive certain benefits which will include, at a minimum, medical insurance for Mr. McCormick and his spouse, as well as no less than three weeks paid vacation per year. In addition, Mr. McCormick will also be reimbursed for all reasonable expenses incurred by him in respect of his services to us. The employment agreement has an initial term of one year, which term will be automatically renewed for successive additional one year periods, unless terminated upon 30 days written notice by either Mr. McCormick or us.

In the event of a termination for cause, as defined below, or in the event of a resignation without good reason, as defined below (other than in connection with a change of control or corporate transaction, as such terms are defined below), Mr. McCormick is only entitled to receive any accrued but unpaid base salary and benefits through the date of termination. In the event of a termination by us without cause or by Mr. McCormick with good reason, or in the event of a termination by us in connection with a change of control or a corporate transaction, Mr. McCormick is entitled to receive (i) the remainder of his then current base salary for the remainder of the then current term and (ii) any payments for unused vacation and reimbursement expenses, which are due, accrued or payable at the date of Mr. McCormick's termination.

Under Mr. McCormick's employment agreement, the following terms have the following meanings:

Cause means:

willful misconduct by Mr. McCormick causing material harm to us or repeated failure by him to follow the reasonable directives of our board of directors (or a designated committee thereof), but only if, in either case, Mr. McCormick shall not have discontinued such misconduct or failure within thirty (30) days after receiving written notice from us describing the misconduct or failure and stating that we will consider the continuation of such misconduct or failure as cause for termination of the agreement;

Table of Contents

any material act or omission by Mr. McCormick involving gross negligence in the performance of his duties to, or material deviation from any of the policies or directives of Cardiogenesis, other than a deviation taken in good faith by Mr. McCormick for our benefit;

any illegal act by Mr. McCormick which materially and adversely affects the business of Cardiogenesis, provided that we may suspend Mr. McCormick with pay while any allegation of such illegal act is investigated; or

any felony committed by Mr. McCormick, as evidenced by conviction thereof, provided that we may suspend Mr. McCormick with pay while any allegation of such felonious act is investigated.

Good Reason means:

without Mr. McCormick's prior written consent, a reduction in his then current base salary;

without Mr. McCormick's prior written consent, the assignment to him of duties substantially and materially inconsistent with the position and nature of his employment as set forth in the employment agreement; or

without Mr. McCormick's prior written consent, a relocation of his place of employment outside of Orange County, California.

Change of Control means a change in ownership or control of Cardiogenesis effected through the acquisition, directly or indirectly, by any person or related group of persons (other than Cardiogenesis or a person that directly or indirectly controls, is controlled by, or is under common control with, Cardiogenesis), of beneficial ownership (within the meaning of Rule 13d-3 of the Securities Exchange Act of 1934, as amended) of securities possessing more than fifty percent (50%) of the total combined voting power of our outstanding securities pursuant to a tender or exchange offer made directly to our shareholders which our board of directors does not recommend such shareholders to accept.

Corporate Transaction means either of the following shareholder-approved transactions to which we are a party:

Merger or consolidation in which securities possessing more than fifty percent (50%) of the total combined voting power of our outstanding securities are transferred to a person or persons different from the persons holding those securities immediately prior to such transaction; or

the sale, transfer or other disposition of all or substantially all of our assets in complete liquidation or our dissolution.

The employment agreement also provides that all outstanding options will accelerate and become exercisable in full and all rights of repurchase with respect to restricted stock (if any) shall terminate in the event of a change of control or a corporate transaction. Mr. McCormick's employment agreement replaces the consulting agreement he previously entered into with us, which was simultaneously terminated.

Also on June 24, 2009, in connection with Mr. McCormick's appointment to Executive Chairman, the board of directors granted him 300,000 shares of restricted stock under our Stock Option Plan. The restrictions on Mr. McCormick's shares of restricted stock will lapse in equal installments upon the first and second anniversaries of the date of grant.

Employment Agreement with Mr. Lanigan

On July 30, 2007, we entered into a written employment agreement with Mr. Lanigan. On June 24, 2009, we entered into an amendment to that employment agreement, pursuant to which we and Mr. Lanigan agreed to: (i) change his position from President to Executive Vice President, Marketing, and (ii) change his annual base salary to \$225,000, which represented a decrease of \$22,500 per year.

Pursuant to the terms of Mr. Lanigan's employment agreement, as amended, we agreed to set his annual discretionary target bonus at 30% of his base salary (both of which reflected his base salary and target bonus then in effect). In addition, the agreement provided that Mr. Lanigan's benefits were to remain unchanged and include, at a minimum, medical insurance (including prescription drug benefits) for Mr. Lanigan and his spouse, as well as no

Table of Contents

less than three weeks of paid vacation per year. On January 7, 2010, our board of directors set Mr. Lanigan's maximum discretionary target bonus for fiscal year 2010 to 30% of his base salary, or \$67,500.

Our employment agreement with Mr. Lanigan also provides for certain payments following the termination of his employment with us. In the event we terminate Mr. Lanigan's employment with us for Cause, or in the event of a resignation without Good Reason (other than in connection with a Change of Control or Corporate Transaction, as described above), we are obligated to pay Mr. Lanigan only his accrued but unpaid base salary and benefits through the date of termination. In the event we terminate his employment without Cause or Mr. Lanigan terminates his employment with us for Good Reason, we are obligated to pay Mr. Lanigan the following:

accrued but unpaid salary and benefits through the date of termination;

a severance payment in an amount equal to six months of his then-current base salary;

a prorated payment equal to the target bonus amount for which he would be eligible for the year in which such resignation or termination occurred, and

continuation of certain insurance benefits for six months.

In addition, to the extent not already vested, all options to purchase shares of our common stock and restricted stock shall vest by six additional months.

In the event we terminate Mr. Lanigan's employment in connection with a Change of Control or a Corporate Transaction or Mr. Lanigan terminates his employment with us following a Change in Control or Corporate Transaction under certain circumstances, we are obligated to pay Mr. Lanigan the following:

accrued but unpaid salary and benefits through the date of termination;

a severance payment in an amount equal to 12 months of his then-current base salary;

payment equal to the target bonus amount for which he would be eligible for the year in which such resignation or termination occurred; and

continuation of certain insurance benefits for 12 months.

In addition, to the extent not already vested, all options to purchase shares of our common stock and restricted stock shall vest in full.

The definitions of Cause, Good Reason, Change of Control and Corporate Transaction are substantially the same as those summarized above under the section entitled Employment Agreement with Mr. McCormick.

Employment Agreement with Mr. Abbott

On July 30, 2007, we entered into an employment agreement with Mr. Abbott. The terms of our employment agreement with Mr. Abbott are substantially the same as the terms of our agreement with Mr. Lanigan, discussed above, provided, however, that the initial base salary to be paid to Mr. Abbott upon execution of his agreement with us was \$200,000 per year.

Arrangements between Executive Officers and CryoLife or Merger Sub

Management Retention Agreements

CryoLife has agreed to employ Mr. Abbott after the Merger for a transition period. Mr. Abbott is expected to be employed until September 30, 2011 pursuant to his current employment agreement, and will remain eligible to receive the severance benefits described above.

CryoLife has agreed to employ Mr. Lanigan after the Merger under an employment agreement with an initial term of two years. During his employment in 2011, Mr. Lanigan will be paid an annual salary of \$225,000, and will receive a commission of 1.25% of sales of Cardiogenesis products during 2011 after the closing of the Merger. He will also receive the 2011 bonus under his Cardiogenesis employment agreement, pro-rated for the portion of the

Table of Contents

year from January 1 until the day of the closing of the Merger. He will also receive a relocation allowance to move to Atlanta, and the customary benefits received by CryoLife's officers related to that relocation. The relocation package will be CryoLife's standard executive relocation policy but there will be allowance for up to 150 days of temporary living expenses. Upon closing of the Merger, he will also receive 10,000 shares of CryoLife's restricted stock which will vest on the third anniversary of the grant date, and 25,000 CryoLife stock options which will vest one-third per year beginning on the first anniversary of the agreement, all pursuant to CryoLife's standard forms of grant agreement. Mr. Lanigan's employment agreement will provide for severance payments of one year salary plus bonus if Mr. Lanigan is terminated without cause or if Mr. Lanigan terminates the agreement for good reason which includes an assignment of duties materially inconsistent with his position, authority, duties or responsibilities or any action by CryoLife which results in a material diminution in his position, authority, duties or responsibilities. In order to obtain this employment package, Mr. Lanigan will be required to waive the severance benefits described above. The terms of Mr. Lanigan's employment are subject to approval by CryoLife's compensation committee and the execution of a definitive agreement.

Support Agreement

Concurrently with the execution of the Merger Agreement, Messrs. McCormick, Lanigan, Abbott and the members of our board of directors entered into a Support Agreement with CryoLife, pursuant to which they have agreed to tender, at the request of CryoLife, an aggregate of 1,276,859 shares of our common stock, which represent approximately 2.7% of the outstanding shares of our common stock as of April 5, 2011. The Support Agreement also requires such shareholders to take certain other actions in connection with the Merger Agreement, including voting in favor of matters contemplated by the Merger Agreement if a meeting of Cardiogenesis's shareholders is called:

in favor of the Merger, the execution and delivery by Cardiogenesis of the Merger Agreement, the adoption and approval of the Merger Agreement and the terms thereof and each of the other matters necessary for consummation of the Merger and the other transactions contemplated by the Merger Agreement (whether or not recommended by our board of directors);

against any acquisition proposal, any recapitalization, reorganization, liquidation, dissolution, amalgamation, merger, sale of assets or other business combination between Cardiogenesis and any other person (other than the Merger), any other action that could reasonably be expected to impede, interfere with, delay, postpone or adversely affect the Merger or any of the transactions contemplated by the Merger Agreement or the Support Agreement or any transaction that results in a breach in any material respect of any covenant, representation or warranty or other obligation or agreement of Cardiogenesis or any of its subsidiaries under the Merger Agreement, and any change in the present capitalization or dividend policy of Cardiogenesis or any amendment or other change to Cardiogenesis's articles of incorporation or bylaws, except if approved by CryoLife; and

prior to the termination date and at any time after the acceptance date, in favor of all necessary and desirable actions to cause the election (and maintenance) of the CryoLife designees to our board of directors pursuant to the terms of the Merger Agreement (and, unless requested by CryoLife, against the removal of any of the CryoLife designees from our board of directors).

The Support Agreement will terminate upon the earliest to occur of the following: (i) the effective time of the merger, (ii) written notice of termination of the Support Agreement to the parties thereto, (iii) August 31, 2011, (iv) the termination of the Merger Agreement by its terms, (v) the date CryoLife or Merger Sub terminates, withdraws, or abandons the tender offer (without making a new tender offer), (vi) the date on which the tender offer or a new offer is revised (except in the context of CryoLife's matching right) to (A) reduce the cash consideration payable in the tender offer, (B) change the form of consideration payable, (C) reduce the number of shares of our common stock to be

purchased by Merger Sub, (D) waive or amend the minimum condition or certain other conditions to the consummation of the tender offer, (E) add to the conditions to the consummation of the tender offer, (F) extend the expiration date beyond August 31, 2011, or (G) otherwise amend, modify, or supplement any conditions to the consummation of the tender offer or any term of the tender offer set forth in the Merger Agreement

Table of Contents

in a manner adverse to the holders of shares of our common stock, or (vii) the date on which a third party acquires more than 50% of Cardiogenesis outstanding voting securities on a fully diluted basis.

Indemnification of Directors and Officers

Cardiogenesis is organized under the laws of the State of California. Section 204(10) of the CGCL permits a corporation to include in its charter documents, and in agreements between the corporation and its directors and officers, provisions expanding the scope of indemnification beyond that specifically provided by current law. Cardiogenesis articles of incorporation provides for the indemnification of Cardiogenesis directors to the fullest extent permissible under the CGCL. Consequently, no director will be personally liable to Cardiogenesis or its shareholders for monetary damages for any breach of fiduciary duties as a director, except liability for:

any act or omission not in good faith or which involves intentional misconduct or a knowing and culpable violation of law;

acts or omissions that a director believes to be contrary to the best interests of the corporation or its shareholders or that involve the absence of good faith on the part of the director;

any transaction from which a director derived and improper personal benefit;

acts or omissions that show a reckless disregard for the director's duty to the corporation or its shareholders in circumstances in which the director was aware, or should have been aware, in the ordinary course of performing a director's duties, of a risk of serious injury to the corporation or its shareholders;

acts or omissions that constitute an unexcused pattern of inattention that amounts to an abdication of the director's duty to the corporation or its shareholders; or

distributions, loans and guaranties under Section 316 of the CGCL.

In addition, Cardiogenesis bylaws provide that Cardiogenesis is required to indemnify its directors, officers, employees and agents, in each case to the fullest extent permitted by the CGCL. Cardiogenesis bylaws also provide that Cardiogenesis shall advance expenses incurred by a director, officer, employee or certain agents in advance of the final disposition of any action or proceeding, and permit Cardiogenesis to secure insurance on behalf of any officer, director, employee or other agent for any liability arising out of his or her actions in that capacity regardless of whether Cardiogenesis would otherwise be permitted to indemnify him or her under the provisions of the CGCL.

Cardiogenesis has entered into agreements to indemnify its directors, officers and other employees as determined by our board of directors. These agreements generally provide for indemnification for related expenses including, among other things, attorneys' fees, judgments, fines and settlement amounts incurred by any of these individuals in any action or proceeding. Cardiogenesis also maintains directors' and officers' liability insurance that insures its directors and officers against certain losses and insures Cardiogenesis with respect to its obligations to indemnify its directors and officers.

The Merger Agreement provides that CryoLife and the surviving corporation will honor and fulfill in all respects the indemnification obligations of Cardiogenesis, including the advancement of expenses incurred in the defense of any action or suit, incurred prior to the effective time of the Merger. Furthermore, until the sixth anniversary of the effective time of the Merger, CryoLife will maintain in effect directors' and officers' liability insurance with benefits and coverage levels that are no less favorable than Cardiogenesis' existing policies in respect of acts or omissions occurring at or prior to the effective time of the Merger, provided that in satisfying such obligations, CryoLife and

Cardiogenesis will not be obligated to pay annual premiums in excess of 150% of the amount paid by Cardiogenesis for coverage for its last full fiscal year. If the annual premiums of such insurance coverage exceed such amount, CryoLife and the surviving corporation will obtain a policy with the greatest coverage available for a cost not exceeding the 150% amount.

Table of Contents**Summary of Aggregate Proceeds that May be Received by Cardiogenesis Directors and Executive Officers**

The table below sets forth information regarding the aggregate proceeds that may be received by each of Cardiogenesis directors and executive officers in connection with the tender offer and the Merger. Such amounts are described in further detail above under *Consideration Payable Pursuant to the Merger*, *Effect of the Merger Agreement on Options and Restricted Stock*, *Arrangements Between Executive Officers and CryoLife or Merger Sub*, and *Employment Agreements between Cardiogenesis and its Executive Officers*. The table below sets forth, as of March 28, 2011, the day Cardiogenesis entered into the Merger Agreement, the amounts payable to each of Cardiogenesis executive officers and each member of our board of directors if each such person (1) tendered all of the shares of our common stock that each person own for the tender offer price (assuming no exercise of outstanding options), (2) received remuneration for the cash-out of options at the time of the Merger, and (3) in the case of our executive officers, were terminated without cause in connection with the Merger.

Executive Officer	Severance Payments (1)	Unrestricted Shares Owned		Accelerated vesting of restricted stock		Stock Options		Total
		Number of Shares Owned	Value of shares	Number of shares of restricted stock owned	Value of shares of restricted stock tendered	Number of in-the-money Options	Value of shares subject to Options (less exercise price)	
Richard P. Lanigan	\$ 241,875(2)	199,580(4)	\$ 91,208	32,365	\$ 14,791	533,134	\$ 123,539	\$ 471,413
Paul J. McCormick	\$ 37,272	728,926(3)	\$ 333,119	250,000	\$ 114,250	180,000	\$ 23,660	\$ 508,301
William R. Abbott	\$ 215,000	39,884	\$ 18,227	26,154	\$ 11,952	275,000	\$ 72,925	\$ 325,104
Raymond W. Cohen	N/A	N/A	N/A	N/A	N/A	72,500	\$ 10,802.50	\$ 10,802.50
Ann T. Sabahat	N/A	N/A	N/A	N/A	N/A	122,500	\$ 19,682.50	\$ 19,682.50
Marvin J. Slepian	N/A	N/A	N/A	N/A	N/A	115,000	\$ 18,505	\$ 18,505
Gregory D. Waller	N/A	N/A	N/A	N/A	N/A	130,000	\$ 20,485	\$ 20,485

(1) Reflects the estimated value as of March 28, 2011, of severance payments due upon termination to which each Executive Officer may be entitled under the terms of his applicable Employment Agreement.

(2) Assumes that Mr. Lanigan will not enter into the proposed employment agreement with CryoLife described above which would require Mr. Lanigan to waive his right to severance payments.

(3) All of Mr. McCormick's shares were acquired in open-market transactions.

(4) 83,765 of Mr. Lanigan's shares were acquired in open-market transactions.

Dividends

Pursuant to the Merger Agreement, we are prohibited from declaring any dividends following execution of the Merger Agreement on March 28, 2011.

Determination of the Merger Consideration

The Merger consideration was determined through arm's-length negotiations between Cardiogenesis and CryoLife.

Regulatory Matters

In connection with the Merger, we are required to make certain filings with, and comply with certain laws of, various federal and state governmental agencies, including the following:

filing the certificate of Merger with the Secretary of State of the State of California in accordance with the CGCL after the approval and adoption of the Merger Agreement by our shareholders; and

complying with U.S. federal securities laws.

Table of Contents

Person/Assets, Retained, Employed, Compensated Or Used

B. Riley

Pursuant to an engagement letter dated November 7, 2010, Cardiogenesis retained B. Riley to deliver its opinion, which is referred to as the Opinion, as to the fairness, from a financial point of view, of the consideration to be received by the holders of the shares of our common stock in the tender offer and the Merger, which are sometimes referred together as the Transaction. At a meeting of our board of directors on March 22, 2011, B. Riley delivered its oral opinion to our board of directors which was confirmed in a written opinion, dated the same day, subsequently such opinion was updated as of March 28, 2011 and confirmed in a written opinion dated March 28, 2011, that based upon and subject to the assumptions, procedures, considerations and limitations set forth in the written opinion and based upon such other factors as B. Riley considered relevant, that the consideration (as defined below) to be paid in connection with the tender offer and the Merger is fair, from a financial point of view, to the holders of the shares of our common stock as of the date of the Opinion.

Dissenters Rights

The following is a summary of Chapter 13 of the California General Corporation Law, which we refer to as the CGCL, which sets forth the procedures for our shareholders to dissent from the Merger and to demand statutory dissenters rights under the CGCL. Shares of our common stock held by shareholders who have perfected their dissenters rights in accordance with Chapter 13 of the CGCL and have not withdrawn their demands or otherwise lost their rights are referred to in this summary as dissenting shares. This summary does not purport to be a complete statement of the provisions of California law relating to the rights of our shareholders to an appraisal of the value of their shares and is qualified in its entirety by reference to Chapter 13 of the CGCL, the full text of which is attached as **Annex C** hereto. **Please note, failure to follow the procedures required by the CGCL could result in the loss of dissenters rights.**

Under Sections 181 and 1201 of the CGCL, the Merger constitutes a reorganization. Chapter 13 of the CGCL provides dissenters rights for shareholders dissenting from reorganizations in certain circumstances. While there are generally no dissenters rights in connection with securities listed on national securities exchanges, Cardiogenesis common stock is quoted on the OTCQB, which is not a national securities exchange, and therefore, our shareholders will be entitled to dissent from the Merger and seek appraisal for their shares of Cardiogenesis common stock if they follow the procedures required by the CGCL.

For a Cardiogenesis shareholder to exercise dissenters rights as to any shares of Cardiogenesis common stock in connection with the Merger, the shareholder must not vote in favor of the Merger and must make a written demand to Cardiogenesis that it purchase the shares at their fair market value. Thus, if a shareholder wishes to dissent, any proxy card submitted must be marked to be either voted **AGAINST** or **ABSTAIN**. If the shareholder returns the proxy card without voting instructions, while his or her shares will have the same effect as a vote **AGAINST** approval and adoption of the Merger Agreement, the return of a proxy card without voting instructions will cause the shareholder to lose his or her dissenters rights. A shareholder who returns the proxy card with voting instructions **FOR** the approval and adoption of the Merger Agreement will cause the shareholder to lose his or her dissenter s rights.

The shareholder s written demand must:

be made by the record holder of the shares; thus, a beneficial owner of our stock that is registered in the record ownership of another person (such as a broker or nominee) should instruct the record holder to follow the

procedures for perfecting dissenters' rights if the beneficial owner wants to dissent with respect to any or all of those shares;

be mailed or otherwise directed to Cardiogenesis Corporation, attention Corporate Secretary, 11 Musick, Irvine, CA, 92618;

be received not later than 30 days after notice of the approval of the Merger is mailed to shareholders who did not vote in favor of the Merger (as described below);

Table of Contents

specify the shareholder's name and mailing address and the number and class of shares held of record that the shareholder demands that we purchase;

state that the shareholder is demanding purchase of the shares and payment of their fair market value (Chapter 13 of the CGCL states that the fair market value, for this purpose, is determined as of the day before the announcement of the proposed Merger, which in this case was March 28, 2011); and

state the price that the shareholder claims to be the fair market value of the shares (this statement will constitute an offer by the shareholder to sell the shares to us at that price).

In addition, within 30 days after notice of the approval of the Merger is mailed to shareholders, the shareholder must also submit to us or our transfer agent, for endorsement as dissenting shares, the stock certificates representing the Cardiogenesis shares as to which the shareholder is exercising dissenters' rights. A holder of dissenting shares may not withdraw a demand for payment unless we consent to the withdrawal.

Simply failing to vote for or against, or voting against, the proposed Merger will not be sufficient to constitute the demand described above.

If the Merger is approved by our shareholders, we will have 10 days after the approval to send to those shareholders who did not vote in favor of the Merger and who could potentially exercise dissenters' rights in accordance with the CGCL, a written notice of such approval accompanied by:

a copy of Chapter 13 of the CGCL;

a statement of the price we determine to represent the fair market value of the dissenting shares (this statement will constitute an offer by us to purchase any dissenting shares at the stated amount if the Merger closes and unless the shares lose their status as dissenting shares); and

a brief description of the procedures to be followed if a shareholder desires to exercise dissenters' rights.

If Cardiogenesis and a dissenting shareholder agree that the shares are dissenting shares and agree on the price of the shares, the dissenting shareholder is entitled to receive the agreed-upon price with interest from the date of such agreement. The applicable interest rate will be the rate then set by law for the accrual of interest on judgments for money. Payment for the dissenting shares must be made within 30 days after the later of the date of that agreement or the date on which all statutory and contractual conditions to the Merger are satisfied. Payments are also conditioned on the surrender to us of the certificates representing the dissenting shares.

If we deny that shares are dissenting shares or the shareholder fails to agree with us as to the fair market value of the shares, then, within six months after the notice of approval is mailed, any shareholder demanding purchase of such shares as dissenting shares or any interested corporation may file a complaint in the superior court in the proper California county requesting a determination as to whether the shares are dissenting shares or as to the fair market value of the holder's shares, or both, or may intervene in any action pending on such a complaint. If the complaint is not filed or intervention in a pending action is not made within the specified six-month period, the dissenters' rights are lost. The court will first determine any issues as to the status of the dissenting shares. If the fair market value of the dissenting shares is at issue, the court will determine, or will appoint one or more impartial appraisers to determine, such fair market value.

If the court appoints an appraiser or appraisers, they will proceed to determine the fair market value per share. Within the time fixed by the court, the appraisers, or a majority of the appraisers, will make and file a report in the office of the clerk of the court. Thereafter, on the motion of any party, the report is submitted to the court and considered on such evidence as the court considers relevant. If the court finds the report reasonable, the court may confirm it.

If the single appraiser or a majority of the appraisers fails to make and file a report within 10 days after the date of their appointment or within such further time as the court allows, or if the court does not confirm the report, the court will determine the fair market value of the dissenting shares. Subject to Section 1306 of Chapter 13 of the CGCL, judgment is rendered against the corporation for payment of an amount equal to the fair market value of each dissenting share multiplied by the number of dissenting shares that any dissenting shareholder who is a party,

Table of Contents

or who has intervened, is entitled to require the corporation to purchase, with interest at the legal rate from the date on which the judgment is entered.

The costs of the action, including reasonable compensation to the appraisers to be fixed by the court, is assessed or apportioned as the court considers equitable. However, if the price determined by the court is more than the price offered by the corporation, the corporation pays the costs (including, in the discretion of the court, attorneys' fees, fees of expert witnesses and interest at the legal rate on judgments from the date the shareholder made the demand and submitted shares for endorsement if the price determined by the court is more than 125% of the price offered by the corporation).

Except as expressly limited by Chapter 13, holders of dissenting shares continue to have all of the rights and privileges incident to their shares until the fair market value of their shares is agreed upon or determined.

Dissenting shares lose their status as dissenting shares, and dissenting shareholders cease to be entitled to require Cardiogenesis to purchase their shares, if:

the Merger is abandoned;

the shares are transferred before they are submitted to Cardiogenesis for the required endorsement;

the dissenting shareholder and Cardiogenesis do not agree on the status of the shares as dissenting shares or do not agree on the purchase price, but neither Cardiogenesis nor the shareholder files a complaint or intervenes in a pending action within six months after we mail a notice that our shareholders have approved the Merger; or

with our consent, the holder delivers to us a written withdrawal of such holder's demand for purchase of the shares.

To the extent that the provisions of Chapter 5 of the CGCL (which places conditions on the power of a California corporation to make distributions to its shareholders) prevent the payment to any holders of dissenting shares of the fair market value of the dissenting shares, the dissenting shareholders will become creditors of the corporation for the amount that they otherwise would have received in the repurchase of their dissenting shares, plus interest at the legal rate on judgments until the date of payment, but subordinate to all other creditors of the corporation in any liquidation proceeding, with the debt to be payable when permissible under the provisions of Chapter 5 of the CGCL.

For U.S. federal income tax purposes, shareholders who receive cash for their shares of our stock pursuant to the exercise of dissenters' rights will generally recognize taxable gain or loss. Each holder should consult its own tax advisor as to the particular tax consequences of the exercise of dissenters' rights to such holder.

CHAPTER 13 OF THE CGCL PROVIDES THAT THE VALUE OF OUR COMMON STOCK FOR PURPOSES OF THE EXERCISE OF DISSENTERS' RIGHTS IS THE FAIR MARKET VALUE ON THE DAY PRIOR TO ANNOUNCEMENT OF THE TRANSACTION. AS A RESULT, THE BOARD INTENDS TO FIX THE VALUE FOR PURPOSES OF ANY SHAREHOLDER EXERCISING DISSENTERS' RIGHTS AT \$0.32 PER SHARE, THE PRICE OF OUR COMMON STOCK ON MARCH 28, 2011, AND AN AMOUNT SUBSTANTIALLY LESS THAN THE MERGER CONSIDERATION.

Material United States Federal Income Tax Consequences

The following is a summary of certain material U.S. federal income tax consequences to holders of shares of our common stock upon the exchange of such shares for cash pursuant to the Merger. This summary does not purport to

be a comprehensive description of all of the tax consequences that may be relevant to a decision to dispose of shares of our common stock in the Merger, including tax considerations that arise from rules of general application to all taxpayers or to certain classes of investors or that are generally assumed to be known by investors. This summary is based on the Internal Revenue Code of 1986, as amended, which we refer to as the Code, Treasury regulations, administrative rulings and court decisions, all as in effect as of the date hereof and all of which are subject to differing interpretations and/or change at any time (possibly with retroactive effect). In addition, this summary is not a complete description of all the tax consequences of the Merger and, in particular, may not address

Table of Contents

U.S. federal income tax considerations to holders of shares of our common stock subject to special treatment under U.S. federal income tax law (including, for example, financial institutions, dealers in securities or currencies, traders that mark to market, holders who hold their shares of our common stock as part of a hedge, straddle or conversion transaction, insurance companies, tax-exempt entities and holders who obtained their shares of our common stock by exercising options or warrants). In addition, this summary does not discuss any consequences to holders of options or warrants to purchase shares of our common stock or any aspect of state, local or foreign tax law that may be applicable to any holder of shares of our common stock, or any U.S. federal tax considerations other than U.S. federal income tax considerations. This summary assumes that holders own shares of our common stock as capital assets. No ruling from the Internal Revenue Service and no tax opinion of counsel has been or will be sought with respect to any of the tax matters discussed herein.

We urge holders of shares of our common stock to consult their own tax advisors with respect to the specific tax consequences to them in connection with the Merger in light of their own particular circumstances, including the tax consequences under state, local, foreign and other tax laws.

U.S. Holders

Except as otherwise set forth below, the following discussion is limited to the U.S. federal income tax consequences relevant to a beneficial owner of shares of our common stock that is a citizen or resident of the United States, a domestic corporation (or any other entity or arrangement treated as a domestic corporation for U.S. federal income tax purposes), any estate (the income of which is subject to U.S., federal income taxation regardless of its source), and any trust if (i) a court within the United States is able to exercise primary supervision over the administration of the trust, and (ii) one or more U.S. persons have the authority to control all substantial decisions of the trust, which we refer to as a U.S. Holder.

If a partnership (including any entity or arrangement treated as a partnership for U.S. federal income tax purposes) holds shares of our common stock, the tax treatment of a holder that is a partner in the partnership generally will depend upon the status of the partner and the activities of the partnership. Such holders should consult their own tax advisors regarding the tax consequences of exchanging the shares of our common stock pursuant to the tender offer or pursuant to the Merger.

Payments with Respect to Shares of Our Common Stock

The exchange of shares of our common stock for cash pursuant to the Merger will be a taxable transaction for U.S. federal income tax purposes, and a U.S. Holder who receives cash for shares of our common stock pursuant to the Merger will recognize gain or loss, if any, equal to the difference between the amount of cash received and the holder's adjusted tax basis in the shares of our common stock gain or loss must be determined separately for each block of shares (i.e., shares acquired at the same cost in a single transaction) exchanged for cash in the merger. Such gain or loss will be capital gain or loss, and will be long-term capital gain or loss if such U.S. Holder's holding period for the shares of our common stock is more than one year at the time of the exchange of such holder's shares of our common stock for cash. Long-term capital gains recognized by an individual holder generally are subject to tax at a lower rate than short-term capital gains or ordinary income. There are limitations on the deductibility of capital losses.

Backup Withholding Tax and Information Reporting

Payments made with respect to shares of our common stock exchanged for cash in the Merger will be subject to information reporting and potential U.S. federal backup withholding tax (currently at a rate of 28 percent). To avoid such backup withholding, a U.S. holder should provide the exchange agent or other applicable person a properly completed Form W-9 (or appropriate substitute form), signed under penalties of perjury, including such holder's

current Taxpayer Identification Number, or TIN, and other certifications.

Certain U.S. holders are exempt from these backup withholding and reporting requirements. Exempt holders who are not subject to backup withholding should indicate their exempt status on a Form W-9 by entering their correct TIN, marking the appropriate box and signing and dating the W-9 in the space provided.

Table of Contents

Backup withholding is not an additional tax. Any amounts withheld under the backup withholding rules will be allowed as a refund or a credit against a United States holder's United States federal income tax liability provided the required information is timely furnished to the IRS.

Non-U.S. Holders

The following is a summary of certain U.S. federal income tax consequences that will apply to you if you are a Non-U.S. Holder of shares of our common stock. The term **Non-U.S. Holder** means a beneficial owner, other than a partnership, of shares of our common stock that is not a U.S. Holder.

Non-U.S. Holders should consult their own tax advisors to determine the specific U.S. federal, state, local and foreign tax consequences that may be relevant to them.

Payments with Respect to Shares of Our Common Stock

Payments made to a Non-U.S. Holder with respect to shares of our common stock exchanged for cash pursuant to the Merger generally will be exempt from U.S. federal income tax, unless:

- (a) the gain on shares of our common stock, if any, is effectively connected with the conduct by the Non-U.S. Holder of a trade or business in the United States (and, if certain income tax treaties apply, is attributable to the Non-U.S. Holder's permanent establishment or fixed base in the United States) (in which event (i) the Non-U.S. Holder will be subject to U.S. federal income tax as described under *U.S. Holders*, but such Non-U.S. Holder should provide a Form W-8ECI instead of a Form W-9, and (ii) if the Non-U.S. Holder is a corporation, it may be subject to branch profits tax on such gain at a 30 percent rate (or such lower rate as may be specified under an applicable income tax treaty));
- (b) the Non-U.S. Holder is an individual who was present in the United States for 183 days or more in the taxable year and certain other conditions are met (in such event the Non-U.S. Holder will be subject to tax at a flat rate of 30 percent (or such lower rate as may be specified under an applicable income tax treaty) on the gain from the exchange of the shares of our common stock net of applicable U.S. losses from sales or exchanges of other capital assets recognized during the year); or
- (c) the Non-U.S. Holder is an individual subject to tax pursuant to U.S. tax rules applicable to certain expatriates.

Backup Withholding Tax and Information Reporting

In general, if you are a Non-U.S. Holder you will not be subject to backup withholding and information reporting with respect to a payment made with respect to shares of our common stock exchanged for cash in the Merger if you have provided the Depository with an IRS Form W-8BEN (or a Form W-8ECI if your gain is effectively connected with the conduct of a U.S. trade or business). If shares are held through a foreign partnership or other flow-through entity, certain documentation requirements also apply to the partnership or other flow-through entity.

Deregistration of Cardiogenesis Shares of Common Stock

If the Merger is completed, shares of our common stock will no longer be quoted on the OTCQB and will be deregistered under the Securities Exchange Act of 1934, as amended, and the shares of our common stock will no longer be publicly traded.

Litigation Relating to the Merger

On April 7, 2011, two plaintiffs filed purported class actions against Cardiogenesis, its directors, and CryoLife and Merger Sub, in connection with the proposed tender offer and Merger. These suits were filed in California Superior Court for Orange County and allege that the defendants breached and/or aided and abetted the breach of their fiduciary duties to Cardiogenesis by seeking to sell Cardiogenesis through an allegedly unfair process and for an unfair price and on unfair terms. The suits seek various equitable relief that would delay or enjoin the Merger

Table of Contents

based on allegations regarding the process by which offers or potential offers were evaluated by Cardiogenesis, as well as fees and expenses of the plaintiffs' attorneys and experts.

Court	Filing Date	Case Name	Case Number
Superior Court of California, County of Orange	April 7, 2011	Patrick J. Grace vs. Paul McCormick	30-2011-00464472-CU-SL-CXC
Superior Court of California, County of Orange	April 7, 2011	Marion William Habiak vs. Cardiogenesis Corporation	30-2011-00464844-CU-SL-CXC

Cardiogenesis believes the allegations in the lawsuits are without merit, and intends to defend the actions vigorously. The absence of an injunction or court order preventing the consummation of the transaction is a condition to CryoLife's obligation to complete the Merger pursuant to the Merger Agreement.

Table of Contents

THE MERGER AGREEMENT

*This section describes the material terms of the Merger Agreement. The description in this section and elsewhere in this proxy statement is qualified in its entirety by reference to the complete text of the Merger Agreement, a copy of which is attached as **Annex A** and is incorporated by reference into this proxy statement. This summary does not purport to be complete and may not contain all of the information about the Merger Agreement that is important to you. We encourage you to read the Merger Agreement carefully and in its entirety. This section is not intended to provide you with any factual information about us. Such information can be found elsewhere in this proxy statement and in the public filings we make with the SEC, as described in the section entitled, *Where You Can Find More Information*, beginning on page 65.*

Explanatory Note Regarding the Merger Agreement

The Merger Agreement is included to provide you with information regarding its terms. Factual disclosures about Cardiogenesis contained in this proxy statement or in Cardiogenesis public reports filed with the SEC may supplement, update or modify the factual disclosures about Cardiogenesis contained in the Merger Agreement. The representations, warranties and covenants made in the Merger Agreement by Cardiogenesis, CryoLife and Merger Sub were qualified and subject to important limitations agreed to by Cardiogenesis, CryoLife and Merger Sub in connection with negotiating the terms of the Merger Agreement. In particular, in your review of the representations and warranties contained in the Merger Agreement and described in this summary, it is important to bear in mind that the representations and warranties were negotiated with the principal purposes of establishing the circumstances in which a party to the Merger Agreement may have the right not to consummate the merger if the representations and warranties of the other party prove to be untrue due to a change in circumstance or otherwise, and allocating risk between the parties to the Merger Agreement, rather than establishing matters as facts. The representations and warranties may also be subject to a contractual standard of materiality different from those generally applicable to shareholders and reports and documents filed with the SEC and in some cases were qualified by the matters contained in the disclosure schedule that Cardiogenesis delivered in connection with the Merger Agreement, which disclosures were not reflected in the Merger Agreement. Moreover, information concerning the subject matter of the representations and warranties, which do not purport to be accurate as of the date of this proxy statement, may have changed since the date of the Merger Agreement and subsequent developments or new information qualifying a representation or warranty may have been included in this proxy statement.

Effects of the Merger; Directors and Officers; Certificate of Incorporation; Bylaws

The Merger Agreement provides for the merger of Merger Sub with and into Cardiogenesis upon the terms, and subject to the conditions, set forth in the Merger Agreement. As the surviving corporation, Cardiogenesis will continue to exist following the merger.

The board of directors of the surviving corporation will, from and after the effective time of the Merger, consist of the directors of Merger Sub until their successors have been duly elected or appointed and qualified or until their earlier death, resignation or removal in accordance with the certificate of incorporation and bylaws of the surviving corporation. The officers of Cardiogenesis immediately prior to the effective time of the Merger will, from and after the effective time of the Merger, be the officers of the surviving corporation until their successors have been duly elected or appointed and qualified or until their earlier death, resignation or removal in accordance with the certificate of incorporation and bylaws of the surviving corporation.

The articles of incorporation of the surviving corporation will be in the form of the certificate of incorporation attached as an exhibit to the Merger Agreement, until amended in accordance with its terms or by applicable law. The by-laws of Merger Sub as in effect immediately prior to the effective time of the Merger will be the by-laws of the surviving corporation, until amended in accordance with its terms or by applicable law.

Following the completion of the Merger, Cardiogenesis common stock will no longer be quoted on the OTCQB and will be deregistered under the Securities Exchange Act of 1934, as amended, and to cease to be publicly traded.

Table of Contents**Terms of the Merger Agreement**

The following is a summary of certain provisions of the Merger Agreement. This summary does not purport to be complete and is qualified in its entirety by reference to the full text of the Merger Agreement, a copy of which is attached hereto as **Annex A**, which is incorporated herein by reference. Copies of the Merger Agreement, and any other filings that we make with the SEC with respect to the tender offer or the merger, may be obtained in the manner set forth in *Where You Can Find More Information* beginning on page 65. Shareholders and other interested parties should read the Merger Agreement for a more complete description of the provisions summarized below.

The Tender Offer. On April 5, 2011, Merger Sub commenced the tender offer for 49.9% of the outstanding shares of our common stock at a price of \$0.457 per share, net to the seller in cash without interest thereon and less any required withholding taxes. As a result of the tender offer, Merger Sub acquired a total of 23,221,166 shares, or 49.9% of the outstanding Cardiogenesis shares.

Recommendation. Cardiogenesis has represented in the Merger Agreement that our board of directors has, at a meeting duly called and held, duly adopted resolutions for which all directors present voted in favor of (i) determining that the terms of the Merger Agreement, the tender offer, the Merger and the other transactions contemplated thereby are fair to and in the best interests of Cardiogenesis shareholders, (ii) approved and declared advisable the Merger Agreement and the transactions contemplated thereby, including the tender offer and the Merger, (iii) directed that the Merger Agreement be submitted to Cardiogenesis shareholders for adoption and approval (unless the Merger is consummated in accordance with the provisions of California's short-form merger statute and (iv) resolved to recommend that Cardiogenesis shareholders accept the tender offer, tender their shares of our common stock pursuant to the tender offer and vote in favor of the adoption and approval of the Merger Agreement and the transactions contemplated thereby, including the tender offer and the Merger (if required by applicable law). We refer to the recommendation in clause (iv) above as the Recommendation.

The Merger; Closing; Effective Time. The Merger Agreement provides that, after satisfaction or waiver of certain conditions, Merger Sub will be merged with and into Cardiogenesis and Cardiogenesis will be the surviving corporation. The closing date of the Merger will occur on a date to be specified by the parties to the Merger Agreement, which shall be no later than the second business day after satisfaction or waiver of all of the conditions to the Merger (other than any such conditions which by their nature cannot be satisfied until the closing) set forth in the Merger Agreement (or such other date as the parties to the Merger Agreement may agree), which conditions are described below in *Conditions to the Merger* beginning on page 59. The Merger will be completed and become effective when the certificates of merger are filed with the Secretary of State of Florida and the Secretary of State of California.

Charter, Bylaws, Directors, and Officers. At the effective time of the Merger, the articles of incorporation of Cardiogenesis will be amended to conform to Exhibit C of the Merger Agreement. Also at the effective time of the Merger, the bylaws of Cardiogenesis will be amended to read as the bylaws of Merger Sub as in effect immediately prior to the effective time of the Merger, except that such bylaws will be amended to reflect that the name of the surviving corporation will be Cardiogenesis Corporation. The directors of Merger Sub immediately prior to the effective time of the Merger will be the initial directors of the surviving corporation and the officers of Cardiogenesis immediately prior to the effective time of the Merger will be the initial officers of the surviving corporation.

Appointment of Directors. CryoLife has the right under the Merger Agreement to appoint designees to our board of directors following the tender offer's conclusion.

Conversion of Shares of Our Common Stock. Each common share issued and outstanding immediately prior to the effective time of the Merger (other than shares of our common stock held by us, CryoLife, or Merger Sub, or by any direct or indirect wholly-owned subsidiary of CryoLife, Merger Sub or Cardiogenesis, in each case immediately prior to the effective time of the Merger and any shares of our common stock that are issued and outstanding immediately prior to the effective time of the Merger and held by a Cardiogenesis shareholder who is entitled to demand and properly demands appraisal of such shares of common stock pursuant to, and who complies in all material respects with, Sections 1300-1313 of the CGCL, which is attached hereto as **Annex C**, will, by virtue of the Merger and without any action on the part of CryoLife, Merger Sub, Cardiogenesis or the holder, be cancelled

Table of Contents

and converted at the effective time of the Merger into the right to receive the Merger consideration, without interest thereon and less any required withholding tax. At the effective time of the Merger, each common share of Cardiogenesis owned by CryoLife, Merger Sub or any wholly-owned subsidiary of CryoLife or Cardiogenesis and shares of our common stock held by Cardiogenesis in treasury will be cancelled, and no payment or distribution will be made with respect to such shares of our common stock. At the effective time of the Merger, each share of Merger Sub common stock issued and outstanding immediately prior to the effective time of the Merger will, by virtue of the Merger and without any action on the part of the holder thereof, be converted into one share of common stock of the surviving corporation.

Payment for Shares of Our Common Stock in the Merger. CryoLife will deposit with Computershare Inc., as Paying Agent for the Merger, for the benefit of the holders of shares of our common stock, sufficient funds to pay the aggregate Merger consideration in an payment fund. After the Merger is completed, you will have the right to receive \$0.457 per common share, but you will no longer have any rights as a Cardiogenesis shareholder. You will receive the Merger consideration in exchange for your shares of our common stock in accordance with the instructions that will be contained in the letter of transmittal that will be sent to you shortly after completion of the Merger. If your shares of our common stock are held in street name by your broker, dealer, commercial bank, trust company or other nominee, you will receive instructions from your broker, dealer, commercial bank, trust company or other nominee as to how to surrender your street name shares of our common stock and receive cash for those shares. If your shares of our common stock are held in book-entry form, you will receive instructions from the paying agent as to how to surrender your book-entry shares and receive cash for those shares.

Any portion of the payment fund (including the proceeds of any investments thereof) that remains unclaimed for one year after the effective time of the Merger will be delivered to CryoLife. Holders of shares outstanding before the effective time of the Merger will thereafter be entitled to look only to CryoLife for payment of any claims for Merger consideration to which they may be entitled (after giving effect to any required withholding tax). None of the surviving corporation, CryoLife, the Paying Agent or any other person will be liable to any person in respect of any Merger consideration delivered to a public official pursuant to any applicable abandoned property, escheat or similar laws.

Transfer of Shares of Our Common Stock. After the effective time of the Merger, there will be no transfers on our share transfer books of shares of our common stock outstanding immediately prior to the effective time of the Merger. If, after the effective time of the Merger, any certificate for our shares of our common stock is presented to the surviving corporation, CryoLife or the Paying Agent for transfer, it will be cancelled and exchanged for the per share Merger consideration, multiplied by the number of shares represented by the certificate.

Representations and Warranties

The Merger Agreement contains representations and warranties of Cardiogenesis, CryoLife and Merger Sub, to each other, as to, among other things:

- the corporate organization, existence and power of each party and its subsidiaries;
- the authority of each party to enter into the Merger Agreement and make it valid and binding;
- no contravention by the execution, delivery and performance of the Merger Agreement of:
 - the organizational documents of each party and its subsidiaries,
 - applicable law, or

specified agreements, instruments and obligations;
required governmental approvals; and
compliance with law.

The Merger Agreement contains additional representations and warranties of Cardiogenesis to CryoLife as to, among other things:

the capitalization of Cardiogenesis;

Table of Contents

the conduct of its business in the ordinary course;

the completeness and accuracy of Cardiogenesis filings with the SEC and financial statements;

the absence of material undisclosed liabilities;

the absence of changes in its business;

legal proceedings;

compliance of Cardiogenesis products with FDA marketing and other requirements;

employee benefit plans and related matters;

certain labor matters;

environmental liabilities;

tax matters;

material contracts;

the shareholder vote that may be required to approve the Merger;

insurance policies;

tangible and real properties;

intellectual property;

product and service warranties;

accounts receivable and inventories;

anti-takeover laws, regulations, or rights plans;

related party transactions; and

fees payable to and the opinion of the financial advisor to Cardiogenesis.

The Merger Agreement contains additional representations and warranties of CryoLife to Cardiogenesis as to, among other things:

CryoLife's ownership of the common stock of Merger Sub;

the availability of funds to complete the transaction;

the completeness and accuracy of all disclosure documents and information supplied for inclusion in any disclosure documents by each party in connection with the transaction;

the required vote or consent of CryoLife, as sole shareholder of Merger Sub, to approve the Merger Agreement and the transactions contemplated thereby; and

fees of the financial advisor of CryoLife.

The representations and warranties given in the Merger Agreement will not survive the Merger. The assertions embodied in the representations and warranties are qualified by information in confidential disclosure schedules that Cardiogenesis has provided to CryoLife in connection with signing the Merger Agreement. While neither CryoLife nor Cardiogenesis believes that the disclosure schedules contain information that the securities laws require to be publicly disclosed, the disclosure schedules do contain information that modifies, qualifies and creates exceptions to the representations and warranties of the parties.

These representations, warranties and covenants were made only for the purpose of the Merger Agreement and solely for the benefit of the parties to the Merger Agreement as of specific dates, and may be subject to important limitations and qualifications (including exceptions thereto set forth in a disclosure letter or CryoLife's or Cardiogenesis' public filings with the SEC) agreed to by the contracting parties and may not be complete.

Table of Contents

Furthermore, these representations, warranties and covenants may have been made for the purposes of allocating contractual risk between the parties to the Merger Agreement instead of establishing these matters as facts, and may or may not have been accurate as of any specific date and do not purport to be accurate as of the date of this offer to purchase. Accordingly, Cardiogenesis shareholders should not rely upon the descriptions of representations, warranties and covenants contained in this offer to purchase or the actual representations, warranties and covenants contained in the Merger Agreement as statements of factual information.

Treatment of Equity Awards

The Merger Agreement provides that the Cardiogenesis board of directors shall take such action so that, at the effective time of the Merger, and without any action on the part of any holder of any outstanding option, whether vested or unvested, exercisable or unexercisable, each option that is outstanding and unexercised immediately prior thereto shall be cancelled and each holder of an option will be entitled to receive an amount equal to the excess, if any, of the Merger consideration, without interest, over the exercise price per common share of such option, less any required withholding taxes. If the exercise price per share of any option equals or exceeds the Merger consideration, such amount shall be zero.

The Merger Agreement further provides that the Cardiogenesis board or directors shall take such action so that, at the Acceptance Date, each share of restricted stock that is outstanding under any Stock Plan, whether or not then vested or earned, shall without any action on the part of the holder thereof, immediately prior to the Acceptance Date shall fully vest and shall thereafter be eligible to be converted into the right to receive the Merger consideration.

Go-Shop, Solicitation, Alternative Transactions

The Merger Agreement provided that, for a period of 20 days after the signing of the Merger Agreement, Cardiogenesis could initiate, solicit and encourage, whether publicly or otherwise, alternative acquisition proposals, and enter into, engage in, and maintain discussions or negotiations with respect to acquisition proposals (or inquiries, proposals or offers or other efforts or attempts that may reasonably be expected to lead to an acquisition proposal) or otherwise cooperate with or assist or participate in, or facilitate any such inquiries, proposals, offers, efforts, attempts, discussions or negotiations. This is referred to as a go shop period, and it ended on April 18, 2011 (the No Shop Period Start Date). As of such date, none of the parties contacted during the go-shop process, on behalf of Cardiogenesis and at the direction of our board of directors, had submitted an acquisition proposal for Cardiogenesis, and there can be no assurance that such efforts will result in an alternative transaction being proposed or in a definitive agreement for such a transaction being entered into. We do not intend to announce further developments with respect to the solicitation process until our board of directors has made a decision regarding an alternative proposal, if any. After the No Shop Period Start Date, the Merger Agreement has a no-shop provision which prohibits Cardiogenesis from soliciting any additional offers or proposals, subject to limited exceptions described below.

Under the terms of the no-shop provision of the Merger Agreement, subject to certain exceptions described below, Cardiogenesis has agreed that it will not, and that it will not permit or authorize any of its subsidiaries or any director, officer, employee, investment banker, financial advisor, attorney, accountant or other advisor, agent or representative (collectively, the representatives) to, directly or indirectly:

solicit, initiate or knowingly facilitate or encourage any inquiries regarding, or the making of, any proposal or offer that constitutes an acquisition proposal;

engage in, continue or otherwise participate in any discussions or negotiations regarding, or furnish to any other person any non-public information in connection with or for the purpose of encouraging or facilitating, an acquisition proposal; or

enter into any letter of intent, agreement or agreement in principle with respect to an acquisition proposal.

In addition, Cardiogenesis has agreed that it will cease and terminate, and that it will direct each of its subsidiaries and the representatives of Cardiogenesis and its subsidiaries to immediately cease and cause to be

Table of Contents

terminated, all existing discussions or negotiations with any person previously conducted with respect to any acquisition proposal.

Notwithstanding the foregoing, if at any time on or after the No-Shop Period Start Date and prior to obtaining the approval of the Cardiogenesis shareholders of the Merger, Cardiogenesis or any of its representatives receives a written acquisition proposal that was made or renewed on or after the No-Shop Period Start Date and did not result from any breach of Cardiogenesis obligations under the Merger Agreement, (i) Cardiogenesis and its representatives may contact the person(s) making the acquisition proposal to clarify its terms and conditions and (ii) if the Board of Directors of Cardiogenesis determines in good faith, after consultation with independent financial advisors and outside legal counsel, that the acquisition proposal constitutes or could reasonably be expected to lead to a superior proposal, then Cardiogenesis and its representatives may do the following:

furnish information (including non-public information) with respect to Cardiogenesis to the person(s) making the acquisition proposal, provided such person(s) have signed a confidentiality agreement and that Cardiogenesis shall promptly provide to CryoLife any material non-public information that is provided to such person(s) that was not previously provided to CryoLife; and

engage in or otherwise participate in discussions or negotiations with person(s) making an acquisition proposal.

From and after the No-Shop Period Start Date, Cardiogenesis will provide to CryoLife within 48 hours a written summary of the material terms of any acquisition proposal (including any financing commitments relating thereto).

Following the No-Shop Period Start Date, Cardiogenesis will keep CryoLife reasonably informed of any material developments, discussions or negotiations regarding any acquisition proposal on a prompt basis and upon the request of CryoLife shall apprise CryoLife of the status of each acquisition proposal. Cardiogenesis agrees that it and its subsidiaries will not enter into any confidentiality agreement with any person after March 28, 2011 that prohibits Cardiogenesis from providing any information to CryoLife.

Except as expressly permitted by the Merger Agreement, the board of directors of Cardiogenesis will not:

make an adverse recommendation change, which means the following:

fail to recommend to its shareholders that they approve the Merger Agreement (the Board Recommendation) or fail to include the Board Recommendation in the Schedule 14D-9, the proxy statement or related filings;

change, qualify, withhold, withdraw or modify, or publicly propose to change, qualify, withhold, withdraw or modify, in a manner adverse to CryoLife, the Board Recommendation;

take any formal action or make any recommendation or public statement in connection with a tender offer or exchange offer (other than the tender offer by CryoLife) other than a recommendation against such offer or a customary stop, look and listen communication pursuant to applicable securities laws; or

adopt, approve or recommend, or publicly propose to approve or recommend to the shareholders an acquisition proposal.

authorize, cause or permit Cardiogenesis or any of its subsidiaries to enter into any letter of intent, agreement or agreement in principle with respect to any acquisition proposal (each, a Company Acquisition Agreement); or

terminate the Merger Agreement in order to concurrently enter into a Company Acquisition Agreement.

Notwithstanding anything to the contrary set forth in the Merger Agreement, prior to the time the Cardiogenesis shareholders approve the Merger Agreement, but not after, the board of directors of Cardiogenesis may:

make an Adverse Recommendation Change, enter into a Company Acquisition Agreement with respect to an acquisition proposal not solicited in violation of the Merger Agreement or terminate the Merger Agreement in order to concurrently enter into a Company Acquisition Agreement if the board of directors

Table of Contents

of Cardiogenesis has determined in good faith, after consultation with its financial advisor and outside legal counsel, that failure to take such action could be inconsistent with the directors' fiduciary duties under applicable law and the acquisition proposal constitutes a superior proposal, so long as:

Cardiogenesis has given CryoLife at least five business days' prior written notice of its intention to take such action (which notice shall include unredacted copies of the superior proposal and related transaction and financing documents and a written summary of the material terms of any superior proposal);

Cardiogenesis has negotiated with CryoLife during such notice period, to the extent CryoLife wishes to negotiate, to enable CryoLife to propose revisions to the terms of the Merger Agreement such that it would cause such superior proposal to no longer constitute a superior proposal;

following the end of such notice period, the board of directors of Cardiogenesis shall have considered in good faith any proposed revisions to the Merger Agreement proposed in writing by CryoLife in a manner that would form a binding contract if accepted by Cardiogenesis, and shall have determined that the superior proposal would continue to constitute a superior proposal if such revisions were to be given effect;

in the event of any material change to the material terms of such superior proposal, Cardiogenesis shall, in each case, have delivered to CryoLife an additional notice consistent with that described above and the notice period shall have recommenced, except that the notice period shall be at least one business day;

Cardiogenesis has complied in all material respects with its obligations in the non-solicitation sections of the Merger Agreement; and

any termination of the Merger Agreement in connection with the foregoing is in accordance with the termination provisions of the Merger Agreement, and Cardiogenesis pays CryoLife the applicable Termination Fee (described below) prior to or concurrently with such termination; or

change, qualify, withhold, withdraw or modify, or publicly propose to change, qualify, withhold, withdraw or modify, in a manner adverse to CryoLife, its recommendation that the Cardiogenesis shareholders approve the Merger Agreement if it has determined in good faith, after consultation with Cardiogenesis' financial advisor and outside legal counsel, that failure to take such action could be inconsistent with the directors' fiduciary duties under applicable law (other than in response to a superior proposal, which is described above) and prior to taking such action:

the board of directors of Cardiogenesis has given CryoLife at least five business days' prior written notice of its intention to take such action and a description of the reasons for taking such action,

Cardiogenesis has negotiated, and has caused its representatives to negotiate, in good faith with CryoLife during such notice period, to the extent CryoLife wishes to negotiate, to enable CryoLife to revise the terms of the Merger Agreement in a manner that would obviate the need for taking such action, and

following the end of such notice period, the board of directors of Cardiogenesis shall have considered in good faith any revisions to the Merger Agreement proposed in writing by CryoLife in a manner that would form a binding contract if accepted by Cardiogenesis, and shall have determined in good faith, after consultation with Cardiogenesis' financial advisor and outside legal counsel, that failure to change its recommendation could be inconsistent with the directors' fiduciary duties under applicable law.

Nothing in the Merger Agreement prohibits Cardiogenesis from taking and disclosing to the Cardiogenesis shareholders a position contemplated by Rule 14e-2(a), Rule 14d-9 or Item 1012(a) of Regulation M-A promulgated under the Exchange Act or making any disclosure to the Cardiogenesis shareholders that is required by applicable law.

Table of Contents

As used in this proxy statement:

acquisition proposal means any inquiry, proposal or offer from any person or entity or group (other than CryoLife and its subsidiaries) relating to, in a single transaction or series of related transactions, any of the following:

acquisition of assets of Cardiogenesis equal to 20% or more of Cardiogenesis consolidated assets or to which 20% or more of Cardiogenesis revenues or earnings on a consolidated basis are attributable,

acquisition of 20% or more of the outstanding shares of Cardiogenesis common stock,

tender offer or exchange offer that if consummated would result in any person or entity beneficially owning 20% or more of the outstanding shares of Cardiogenesis common stock,

merger, consolidation, share exchange, business combination, recapitalization, liquidation, dissolution or similar transaction involving Cardiogenesis, or

any combination of the foregoing types of transactions if the sum of the percentage of consolidated assets, consolidated revenues or earnings and Cardiogenesis common stock involved is 20% or more; in each case, other than the Offer and the Merger.

superior proposal means any bona fide written acquisition proposal that the board of directors of Cardiogenesis has determined, after consultation with Cardiogenesis outside legal counsel and financial advisor, in its good faith judgment is reasonably likely to be consummated in accordance with its terms, taking into account all legal, regulatory and financial aspects (including certainty of closing) of the proposal and the person or entity making the proposal, and if consummated, would result in a transaction more favorable to the shareholders of Cardiogenesis (solely in their capacity as such) from a financial point of view than the transaction contemplated by the Merger Agreement (including any revisions to the terms of the Merger Agreement proposed by CryoLife in response to such proposal or otherwise); provided that for purposes of the definition of superior proposal the references to 20% in the definition of acquisition proposal shall be deemed to be references to 50%.

Termination; Termination Fee

Following the Acceptance Date, no party to the Merger Agreement may terminate the Merger Agreement. CryoLife only is required to consummate the Merger if the shareholders of Cardiogenesis approve the Merger and no temporary restraining orders, preliminary or permanent injunctions or other judgments, orders or decrees have been issued by any court of competent jurisdiction or other legal restraint or prohibition shall be in effect, and no law has been enacted, entered, promulgated, enforced or deemed applicable by any governmental entity that, in any case, prohibits or makes illegal the consummation of the Merger. In addition, Cardiogenesis must have obtained, or CryoLife has otherwise waived the requirement to obtain, all required consents from third parties.

Termination Fees and Expenses

Following the Acceptance Date, if CryoLife is unable to consummate the Merger, then no party to the Merger Agreement is required to pay a termination fee or any expense to any other party to the Merger Agreement.

Subject to certain exceptions, all fees and expenses incurred in connection with the Merger Agreement, the tender offer, the Merger, and the other transactions contemplated by the Merger Agreement will be paid by the party

incurring such fees or expenses, whether or not the tender offer or the Merger is consummated, except that the expenses incurred in connection with the filing, printing and mailing of the Offer to Purchase and other documents related to the tender offer, the Schedule 14D-9 and the proxy statement, and all filing and other fees paid to the SEC, in each case in connection with the Merger (other than attorneys' fees, accountants' fees and related expenses), will be borne by CryoLife. Any fees and expenses incurred in connection with the Merger Agreement, the tender offer, the Merger and the other transactions contemplated by the Merger Agreement incurred by a Cardiogenesis shareholder (such as fees and expenses of separate counsel to such shareholder) will be borne by such shareholder.

Table of Contents

Conduct of Business

Cardiogenesis has agreed, unless CryoLife's prior written consent is obtained or expressly contemplated by the Merger Agreement, that from the date of the Merger Agreement until the effective date of the Merger or the date on which CryoLife appoints a majority of our board of directors, if earlier, it will, and it will cause each of its subsidiaries to do the following:

conduct its business in the ordinary course consistent with past practice;

use commercially reasonable efforts to preserve intact its present business organization;

use commercially reasonable efforts to keep available the services of its present officers, employees and consultants;

use commercially reasonable efforts to preserve its goodwill and its relationships with customers, suppliers, licensors, licensees, distributors and others having business dealings with it; and

use commercially reasonable efforts to maintain its assets, rights and properties in good repair and condition, normal wear and tear excepted.

Except as expressly contemplated by the Merger Agreement or as required by law, Cardiogenesis has further agreed that without the prior written consent of CryoLife, it and each of its subsidiaries will not, among other things:

amend their respective organizational documents;

declare, set aside or pay any dividends, except for dividends payable by a Cardiogenesis subsidiary to its parent;

purchase, redeem or otherwise acquire equity interests of Cardiogenesis or its subsidiaries or any options, warrants, or rights to acquire any such shares or other equity interests;

split, combine, or reclassify any of its equity interests or issue or authorize the issuance of any other securities in respect of, in lieu of or in substitution for shares of its equity interests;

issue any shares of its capital stock or any rights, warrants or options to acquire shares of its capital stock or other equity interests, subject to certain exceptions, other than the issuance of shares upon the exercise of options outstanding on March 28, 2011 in accordance with their terms as in effect on such date;

acquire any equity interest in, any division or business of, or a substantial portion of the assets of, any other person;

dispose of or encumber material assets, other than in the ordinary course of business consistent with past practice;

adopt a plan of complete or partial liquidation, dissolution, restructuring, capitalization or other reorganization;

incur any indebtedness, issue or sell any debt securities, make any loans, advances or capital contributions to or investments in any other person, or become responsible for the obligations of any other person, with certain exceptions, enter into any keep well or other agreement to maintain any financial statement condition of another person other than Cardiogenesis or a subsidiary of Cardiogenesis, or amend any contract to effect any such transactions;

incur or commit to incur any capital expenditure or authorization or commitment with respect thereto that individually is in excess of \$10,000, or in the aggregate are in excess of \$20,000, except as provided in the Merger Agreement;

settle, pay, satisfy or discharge any claim other than in the ordinary course of business consistent with past practice, cancel any material indebtedness or waive any right of material value;

enter into any material contract, or amend or modify any material contract, except in the ordinary course of business consistent with past practice;

Table of Contents

commence any action, suit, or other proceeding or compromise, settle or agree to settle any material action, suit, or other proceeding, including any action, suit, or other proceeding relating to the Merger Agreement or the transactions contemplated thereby;

change its financial or tax accounting methods, except as required by changes in GAAP or by applicable law, or revalue any of its assets;

settle any material liability for taxes, amend any material tax return, enter into any material contract with or request any material ruling from any governmental entity relating to taxes, change any material tax election, take any material position on a tax return inconsistent with a position taken on a tax return previously filed, take any other action to materially impair any tax asset reflected in Cardiogenesis SEC filings filed most recently prior to the date thereof, extend or waive any statute of limitations with respect to taxes, or surrender any claim for a material refund of taxes;

change its fiscal or tax year;

grant any director, officer, employee or independent contractor any increase in compensation, bonus or other benefits, except in the ordinary course of business consistent with past practice in the compensation of employees that are not officers, grant any director, officer, employee or independent contractor any severance, change in control or termination pay, pay any benefit or grant or amend any award except as required to comply with any contracts in effect as of the date of the Merger Agreement;

enter into any collective bargaining agreement or other labor union contract, take any action to accelerate the vesting or payment of any compensation or benefit under any plan or other contract, adopt any new employee benefit plan or arrangement or amend, modify or terminate any existing plan, in each case for the benefit of any director, officer, employee or independent contractor, other than as required by applicable law or in the ordinary course of business consistent with past practice;

fail to keep in force insurance policies or replacement or revised provisions regarding insurance coverage with respect to the assets, operations and activities of Cardiogenesis and its subsidiaries substantially equivalent to those currently in effect;

renew or enter into any non-compete, exclusivity, non-solicitation or similar agreement that would restrict or limit, in any material respect, the operations of Cardiogenesis or any of its subsidiaries;

waive any material benefits of, or agree to modify in any adverse respect, or fail to enforce, or consent to any matter with respect to which its consent is required under, any confidentiality, standstill or similar agreement to which Cardiogenesis or any of its subsidiaries is a party;

enter into any new line of business outside of its existing business;

enter into any new lease or amend the terms of any existing lease of real property that would require payments over the remaining term of such lease in excess of \$10,000;

knowingly violate or knowingly fail to perform any obligation or duty imposed upon it by any applicable material federal, state or local law, rule, regulation, guideline or ordinance;

create or form any subsidiary or make any other investment in another person;

modify the standard warranty terms for products sold by Cardiogenesis or amend or modify any product warranties in effect as of the date hereof in any manner that is adverse to Cardiogenesis;

allow any of Cardiogenesis or its subsidiaries trade secrets or other confidential information relating to Cardiogenesis or its subsidiaries existing products or products currently under development to be disclosed, or allow any of Cardiogenesis or its subsidiaries intellectual property rights relating to Cardiogenesis or its subsidiaries existing products or products currently under development to be abandoned, or otherwise to lapse or become unavailable to Cardiogenesis or its subsidiaries on the same terms and conditions as such rights were available to Cardiogenesis and its subsidiaries as of the date of the Merger Agreement;

Table of Contents

enter into any distribution agreements not terminable by Cardiogenesis or its subsidiaries on 60 days notice without penalty, enter into any commitment to any person to enter into any license, distributorship, or sales agreement that by its terms would purport to relate to any of the products of CryoLife or its affiliates or sell, license or otherwise dispose of any intellectual property other than sales of its products and other non-exclusive licenses that are in the ordinary course of business and consistent with past practices, enter into any sales agency agreements or grant most favored nation pricing to any person;

enter into, amend or terminate any contract, agreement, commitment or arrangement with any affiliated person;

fail to make in a timely manner any filings with the SEC required under the Securities Act or the Exchange Act or the rules and regulations promulgated thereunder (except as permitted by Rule 12b-25); or

knowingly take any action (or omit to take any action) if such action (or omission) could reasonably be expected to result in certain conditions to the tender offer or Merger not being satisfied.

Cardiogenesis has agreed that it shall use commercially reasonable efforts to:

maintain its material assets and properties in the ordinary course of business in the manner historically maintained, reasonable wear and tear, damage by fire and other casualty excepted;

promptly repair, restore or replace all material assets and properties in the ordinary course of business consistent with past practice;

upon any damage, destruction or loss to any of its material assets or properties, apply any and all insurance proceeds, if any, received with respect thereto to the prompt repair, replacement and restoration thereof as reasonably necessary for the operation of Cardiogenesis business;

comply in all material respects with all applicable laws;

take all actions necessary to be in compliance in all material respects with all material contracts and to maintain the effectiveness of all its permits;

notify CryoLife in writing (within two business days) of the commencement of any action, suit, claim or investigation by or against Cardiogenesis, provided that this obligation is not modified by the use of Cardiogenesis commercially reasonable efforts;

if CryoLife gives Cardiogenesis written notice not less than 10 business days prior to the closing date of the Merger, take all necessary corporate action to terminate Cardiogenesis 401(k) plan effective as of the date immediately prior to the closing date of the Merger, but contingent on the closing of the Merger;

provide CryoLife evidence that Cardiogenesis has satisfied its obligations with respect to the options in accordance with the Merger Agreement; and

pay accounts payable and pursue collection of its accounts receivable in the ordinary course of business, consistent with past practices.

Filings and Other Actions

The Merger Agreement provides that, subject to its terms and conditions, each of Cardiogenesis, Merger Sub and CryoLife will use its reasonable best efforts to take, or cause to be taken, all actions and to do, or cause to be done, all things necessary, proper or advisable under applicable laws and regulations to consummate the tender offer, the Merger and the other transactions contemplated by the Merger Agreement, including (i) obtaining all consents, approvals, authorizations and actions or nonactions required for or in connection with the consummation by the parties of the tender offer, the Merger and the other transactions, (ii) the taking of all steps as may be necessary to obtain an approval or waiver from, or to avoid an action or proceeding by, a governmental authority, (iii) the obtaining of all necessary consents from third parties, (iv) contesting and resisting of any action, including any administrative or judicial action, and seeking to have vacated, lifted, reversed or overturned, any judgment (whether temporary, preliminary or permanent) that restricts, prevents or prohibits the consummation of the tender

Table of Contents

offer, the Merger or the other transactions and (v) the execution and delivery of any additional instruments necessary to consummate the transactions and to fully carry out the purposes of the Merger Agreement.

Directors

The Merger Agreement requires that until the effective time of the Merger, our board of directors maintain at least three independent directors.

Indemnification and Insurance of Our Directors and Officers

In the Merger Agreement, CryoLife and Merger Sub have agreed that the articles of incorporation and bylaws of the surviving corporation in the Merger will contain provisions no less favorable with respect to indemnification and exculpation from liabilities of the present and former directors, officers and employees of Cardiogenesis than those in effect as of the date of the Merger Agreement.

The Merger Agreement further provides that Cardiogenesis shall maintain its officers and directors liability insurance policies, in effect on the date of the Merger Agreement, but only to the extent related to actions or omissions prior to the effective time of the Merger. Cardiogenesis may cause coverage to be extended by obtaining a six-year tail policy on terms and conditions no less advantageous than Cardiogenesis current insurance to satisfy this obligation. Under the terms of the Merger Agreement, such insurance coverage is required to be maintained only to the extent that the coverage can be maintained at an aggregate cost of not greater than 150 percent of the current annual premium for Cardiogenesis directors and officers liability insurance policies.

Conditions to the Merger

The obligations of the parties to complete the Merger are subject to the satisfaction or waiver of the following mutual conditions:

the valid tender of no more than 49.9% of the issued and outstanding shares of our common stock prior to the expiration date of the tender offer made by Merger Sub, we refer to this threshold as the minimum condition;

the Merger Agreement must have been approved and adopted by the affirmative vote of at least a majority of the votes entitled to be cast by the holders of the outstanding shares of our common stock;

no judgment, ruling, order, writ, injunction or decree issued by a court of competent jurisdiction or any statute, law, ordinance, rule or regulation or other legal restraint or prohibition of any governmental authority shall be in effect that would make the Merger illegal or otherwise prevent the consummation thereof provided that the party seeking to assert this condition shall have used those efforts required under the Merger Agreement to resist, lift or resolve such judgment, ruling, order, writ, injunction or decree, statute, law, ordinance, rule or regulation or other legal restraint or prohibition; and

no temporary restraining order, preliminary or permanent injunction or other judgment or order issued by any court or agency of competent jurisdiction or other law, rule, legal restraint or prohibition is in effect preventing, restraining or rendering illegal the consummation of the Merger.

Modification or Amendment

The Merger Agreement may be amended by the parties, by an instrument in writing signed on behalf of each of the parties, at any time (subject, in the case of Cardiogenesis, to an amendment requiring the approval of the Independent

Directors (as defined in the Merger Agreement)) before or after approval of the Merger Agreement and the transactions by Cardiogenesis board of directors, but after adoption of the Merger Agreement by Cardiogenesis shareholders, no amendment may be made for which the CGCL requires the further approval of Cardiogenesis shareholders without such further approval.

Support Agreement

In order to induce CryoLife to enter into the Merger Agreement, Paul McCormick, the Executive Chairman of Cardiogenesis, Richard P. Lanigan, the Executive Vice President, Marketing of Cardiogenesis, and William R.

Table of Contents

Abbott, the Senior Vice President, Chief Financial Officer, Secretary and Treasurer of Cardiogenesis, and each member of our board of directors (holding an aggregate of approximately 2.7% of the outstanding shares of Cardiogenesis common stock as of April 5, 2011) entered into the Support Agreement with CryoLife.

Pursuant to the Support Agreement, such persons have agreed, in their capacity as shareholders, to tender into the tender offer, but only if requested in writing by CryoLife, prior to the termination date of the Support Agreement and except as otherwise described below, their shares of Cardiogenesis common stock (including any shares obtained upon any exercise of options). As of the Acceptance Date, CryoLife has not requested that such persons tender their shares of our common stock (including shares obtained upon exercise of options) and none of such persons has tendered their shares of our common stock (including shares obtained upon exercise of options).

Also pursuant to the Support Agreement, such persons have agreed, in their capacity as shareholders, to vote such shares at any meeting of the shareholders of Cardiogenesis or in connection with any written consent of the shareholders of Cardiogenesis (including the Special Meeting):

in favor of the Merger, the execution and delivery by Cardiogenesis of the Merger Agreement, the adoption and approval of the Merger Agreement and the terms thereof and each of the other matters necessary for consummation of the Merger and the other transactions contemplated by the Merger Agreement (whether or not recommended by our board of directors); and

against any acquisition proposal, any recapitalization, reorganization, liquidation, dissolution, amalgamation, merger, sale of assets or other business combination between Cardiogenesis and any other person (other than the Merger), any other action that could reasonably be expected to impede, interfere with, delay, postpone or adversely affect the Merger or any of the transactions contemplated by the Merger Agreement or the Support Agreement or any transaction that results in a breach in any material respect of any covenant, representation or warranty or other obligation or agreement of Cardiogenesis or any of its subsidiaries under the Merger Agreement, and any change in the present capitalization or dividend policy of Cardiogenesis or any amendment or other change to Cardiogenesis articles of incorporation or bylaws, except if approved by CryoLife.

Each shareholder who is party to the Support Agreement also agreed that prior to the termination date of the Support Agreement such shareholder will not:

take any action or fail to take any action, or cause Cardiogenesis or any other representative of Cardiogenesis to take any action or fail to take any action, that would constitute, or be reasonably likely to result in, a breach of Cardiogenesis covenants and agreements under the non-solicitation provisions of the Merger Agreement; or

(i) tender into any tender or exchange offer (other than the tender offer), (ii) sell (constructively or otherwise), transfer, pledge, hypothecate, grant, encumber, assign or otherwise dispose of, or enter into any contract, option, agreement or other arrangement or understanding with respect to the transfer of any of such shareholder's shares of Cardiogenesis stock or beneficial ownership or voting power thereof or therein (including by operation of law), (iii) grant any proxies or powers of attorney, deposit any shares of Cardiogenesis stock into a voting trust or enter into a voting agreement with respect to any shares of Cardiogenesis stock or (iv) knowingly take any action that would make any representation or warranty of such shareholder contained in the Support Agreement untrue or incorrect, in any material respect, or have the effect of preventing or disabling such shareholder from performing its obligations thereunder.

The Support Agreement requires each signing shareholder, within five business days of the commencement of the tender offer, to deliver to the exchange agent properly completed letters of election and transmittal, stock certificates

for any Cardiogenesis shares held in certificated form, and any other documents required to be delivered pursuant to the terms of the tender offer, and to instruct the broker who holds any such shares to promptly tender the shares pursuant to the tender offer.

The Support Agreement will terminate automatically upon the earliest to occur of the following: (i) the effective time of the Merger, (ii) written notice of termination of the Support Agreement is delivered by CryoLife to the shareholders, (iii) August 31, 2011, (iv) the termination of the Merger Agreement in accordance with its terms,

Table of Contents

(v) the date CryoLife or Merger Sub terminates, withdraws, or abandons the tender offer, (vi) the date on which the tender offer is revised (except in the context of CryoLife's matching right) for (A) a reduction of the cash consideration in the Merger, (B) subject to the terms of the Merger Agreement, a change in the form of consideration payable in the tender offer, (C) subject to the terms of the Merger Agreement, a reduction in the number of shares to be purchased by Merger Sub in the tender offer, (D) subject to the terms of the Merger Agreement, a waiver or amendment of the Minimum Condition, (E) any addition to the conditions to the tender offer or imposition of any other conditions to the tender offer, (F) the extension of the expiration date of the tender offer, except as required or allowed by the Merger Agreement, (G) other amendment, modification, or addition of a supplemental condition to the tender offer or any term of the tender offer in a manner adverse to the holders of the shares of Cardiogenesis common stock, or, or (vii) the date on which a third party acquires more than 50% of Cardiogenesis' outstanding voting securities on a fully diluted basis.

Table of Contents**SECURITIES OWNERSHIP OF CERTAIN BENEFICIAL OWNERS AND MANAGEMENT**

The table below sets forth information known to us regarding the beneficial ownership of our common stock as of May 4, 2011, the Record Date, by each of the following:

each person known to us to be the beneficial owner of more than 5% of our outstanding common stock;

each named executive officer;

each of our directors; and

all executive officers and directors as a group.

Name and Address of Beneficial Owner(2)	Shares of Common Stock Beneficially Owned(1)	
	Number	Percentage Ownership(3)
5% Shareholders:		
CryoLife, Inc.(4)	23,221,166	49.9%
Non-Employee Directors:		
Raymond W. Cohen(5)	65,000	*
Ann T. Sabahat(6)	122,500	*
Marvin J. Slepian, M.D.(7)	252,500	*
Gregory D. Waller(8)	130,000	*
Named Executive Officers:		
Paul J. McCormick(9)	1,158,926	2.5%
Richard P. Lanigan(10)	1,096,973	2.3%
William R. Abbott(11)	402,149	*
All directors and executive officers as a group (7 persons)(12)	3,228,048	6.6%

* Less than 1%.

- (1) Except as otherwise indicated and subject to applicable community property and similar laws, the table assumes that each named owner has the sole voting and investment power with respect to such owner's shares (other than shares subject to options). Shares of our common stock subject to options currently exercisable or exercisable within 60 days of May 4, 2011 are deemed outstanding for purposes of computing the beneficial ownership by the person holding such options, but are not deemed outstanding for purposes of computing the percentage beneficially owned by any other person.
- (2) Unless otherwise indicated, the principal address of each of the shareholders above is Cardiogenesis Corporation, 11 Musick, Irvine, California, 92618.
- (3) Percentage ownership is based on 46,564,910 shares of our common stock outstanding as of March 25, 2011.

- (4) This figure represents the shares beneficially owned by CryoLife, including 23,221,166 shares owned by Merger Sub in connection with the tender offer. The business address of CryoLife is 1655 Roberts Boulevard, NW, Kennesaw, Georgia 30144.
- (5) Consists of shares of our common stock subject to stock options that are exercisable within 60 days of May 4, 2011.
- (6) Consists of shares of our common stock subject to stock options that are exercisable within 60 days of May 4, 2011.
- (7) Consists of shares of our common stock subject to stock options that are exercisable within 60 days of May 4, 2011.
- (8) Consists of shares of our common stock subject to stock options that are exercisable within 60 days of May 4, 2011.
- (9) Includes 180,000 shares of our common stock subject to stock options that are exercisable within 60 days of May 4, 2011.

Table of Contents

- (10) Includes 865,078 shares of our common stock subject to stock options that are exercisable within 60 days of May 4, 2011.
- (11) Includes 336,111 shares of our common stock subject to stock options that are exercisable within 60 days of May 4, 2011.
- (12) Represents shares of our common stock beneficially owned by all directors, named executive officers, and our other executive officers as of May 4, 2011, as a group. Includes 1,951,189 shares of our common stock subject to options that are exercisable within 60 days of May 4, 2011.

Table of Contents**MARKET PRICE OF CARDIOGENESIS COMMON SHARES**

Shares of our common stock are currently quoted on the OTCQB under the symbol CGCP.PK. The following table sets forth the high and low sales prices per common share quoted on the OTCQB for the periods indicated.

	Price Range of Common Stock	
	High	Low
2009		
First Quarter	\$ 0.34	\$ 0.08
Second Quarter	\$ 0.24	\$ 0.16
Third Quarter	\$ 0.22	\$ 0.15
Fourth Quarter	\$ 0.25	\$ 0.13
2010	High	Low
First Quarter	\$ 0.38	\$ 0.19
Second Quarter	\$ 0.41	\$ 0.21
Third Quarter	\$ 0.38	\$ 0.20
Fourth quarter	\$ 0.28	\$ 0.22
2011	High	Low
First Quarter	\$ 0.45	\$ 0.24
Second Quarter	\$ 0.48	\$ 0.45(1)

(1) Through May 4, 2011.

Dividends

Cardiogenesis has never paid dividends. Pursuant to the Merger Agreement, we are prohibited from declaring any dividends following execution of the Merger Agreement on March 28, 2011. **Accordingly, we do not expect to declare or pay any dividends prior to the Merger.**

On March 28, 2011, the last full trading day prior to the public announcement of the terms of the tender offer and the Merger, the reported closing sales price per common share on the OTCQB was \$0.32 per share. The \$0.457 per share to be paid for each Cardiogenesis common share in the Merger represents a premium of approximately 42.8% to the closing price on March 28, 2011. You are encouraged to obtain current market quotations for the shares of our common stock in connection with voting your shares.

As of May 4, 2011, there were approximately 191 record holders of shares of our common stock.

Table of Contents

OTHER MATTERS

As of the date of this proxy statement, our board of directors knows of no other matters which may be presented for consideration at the Special Meeting. However, if any other matter is presented properly for consideration and action at the Special Meeting or any adjournment or postponement thereof, it is intended that the proxies will be voted with respect thereto in accordance with the best judgment and in the discretion of the proxy holders.

WHERE YOU CAN FIND MORE INFORMATION

We file annual, quarterly and current reports, proxy statements and other information with the SEC. You may read and copy this information at the SEC's public reference room, Room 1580, 100 F Street, N.E., Washington, D.C. 20549. You may obtain information on the operation of the Public Reference Room by calling the SEC at 1-800-SEC-0330. The SEC also maintains an Internet website, located at www.sec.gov, that contains reports, proxy statements and other information regarding companies and individuals that file electronically with the SEC.

Statements contained in this proxy statement, or in any document incorporated by reference in this proxy statement regarding the contents of any contract or other document, are not necessarily complete and each such statement is qualified in its entirety by reference to that contract or other document filed as an exhibit with the SEC. The SEC allows us to incorporate by reference into this proxy statement documents we file with the SEC. This means that we can disclose important information to you by referring you to those documents. The information incorporated by reference is considered to be a part of this proxy statement, and later information that we file with the SEC will update and supersede that information. We incorporate by reference the documents listed below and any documents filed by us pursuant to Section 13(a), 13(c), 14 or 15(d) of the Exchange Act after the date of this proxy statement and before the date of the Special Meeting.

Annual Report on Form 10-K for the fiscal year ended December 31, 2010 (filed with the SEC on March 21, 2011);

Form 10-K/A (filed with the SEC on April 29, 2011); and

Current Reports on Form 8-K (filed with the SEC on March 29, 2011, April 15, 2011, and April 18, 2011).

Notwithstanding the foregoing, information furnished under Items 2.02 and 7.01 of any Current Report on Form 8-K, including the related exhibits, is not incorporated by reference into this proxy statement.

Any person, including any beneficial owner, to whom this proxy statement is delivered may request copies of proxy statements and any of the documents incorporated by reference in this document or other information concerning us, without charge, by written or telephonic request directed to Investor Relations Department, Cardiogenesis Corporation, 11 Musick, Irvine, California 92618, telephone number (949) 420-1800 or from the SEC through the SEC website at the address provided above. Documents incorporated by reference are available without charge, excluding any exhibits to those documents unless the exhibit is specifically incorporated by reference into those documents.

You should rely only on the information contained in this proxy statement. We have not authorized anyone to provide you with information that is different from what is contained in this proxy statement. Therefore, if anyone does give you information of this sort, you should not rely on it. If you are in a jurisdiction where the solicitation of proxies is unlawful, or if you are a person to whom it is unlawful to direct these types of activities,

then the offer presented in this proxy statement does not extend to you. You should not assume that the information contained in this proxy statement is accurate as of any date other than the date of this proxy statement, unless the information specifically indicates that another date applies. The mailing of this proxy statement to our shareholders does not create any implication to the contrary.

Table of Contents

Annex A

EXECUTION VERSION

AMENDED AND RESTATED
AGREEMENT AND PLAN OF MERGER
among
CRYOLIFE, INC.,
CL FALCON, INC.
and
CARDIOGENESIS CORPORATION
Dated as of April 14, 2011

A-1

Table of Contents**TABLE OF CONTENTS**

	Page
ARTICLE I THE OFFER	A-10
Section 1.1 The Offer	A-10
Section 1.2 Offer Documents	A-11
Section 1.3 Company Actions	A-11
Section 1.4 Directors	A-12
Section 1.5 [Intentionally Omitted]	A-13
Section 1.6 [Intentionally Omitted]	A-13
ARTICLE II THE MERGER	A-13
Section 2.1 The Merger	A-13
Section 2.2 Closing	A-13
Section 2.3 Effective Time	A-13
Section 2.4 Effects of the Merger	A-14
Section 2.5 Articles of Incorporation; Bylaws	A-14
Section 2.6 Directors	A-14
Section 2.7 Officers	A-14
ARTICLE III EFFECT ON THE CAPITAL STOCK OF THE CONSTITUENT CORPORATIONS; EXCHANGE OF CERTIFICATES	A-14
Section 3.1 Conversion of Capital Stock	A-14
Section 3.2 Treatment of Warrants, Options and Other Equity-Based Awards	A-15
Section 3.3 Exchange and Payment	A-15
Section 3.4 Withholding Rights	A-17
Section 3.5 Dissenting Shares	A-17
ARTICLE IV REPRESENTATIONS AND WARRANTIES OF THE COMPANY	A-17
Section 4.1 Organization, Standing and Power	A-18
Section 4.2 Capital Stock	A-19
Section 4.3 Subsidiaries	A-20
Section 4.4 Authority	A-20
Section 4.5 No Conflict; Consents and Approvals	A-20
Section 4.6 SEC Reports; Financial Statements	A-21
Section 4.7 No Undisclosed Liabilities	A-23
Section 4.8 Certain Information	A-23
Section 4.9 Absence of Certain Changes or Events	A-23
Section 4.10 Litigation	A-23
Section 4.11 Compliance with Laws and Permits	A-24
Section 4.12 Benefit Plans	A-26
Section 4.13 Labor and Employment Matters	A-27
Section 4.14 Environmental Matters	A-28
Section 4.15 Taxes	A-29
Section 4.16 Contracts	A-31
Section 4.17 Insurance	A-32
Section 4.18 Properties	A-32
Section 4.19 Intellectual Property	A-33
Section 4.20 Products	A-35

Table of Contents

	Page
Section 4.21 Accounts Receivable	A-35
Section 4.22 Inventories	A-36
Section 4.23 State Takeover Statutes	A-36
Section 4.24 No Rights Plan	A-36
Section 4.25 Related Party Transactions	A-36
Section 4.26 Brokers	A-36
Section 4.27 Opinion of Financial Advisor	A-36
Section 4.28 Exclusivity of Representations and Warranties	A-37
ARTICLE V REPRESENTATIONS AND WARRANTIES OF PARENT AND MERGER SUB	A-37
Section 5.1 Organization, Standing and Power	A-37
Section 5.2 Authority	A-37
Section 5.3 No Conflict; Consents and Approvals	A-38
Section 5.4 Certain Information	A-38
Section 5.5 Merger Sub	A-38
Section 5.6 Financing	A-39
Section 5.7 Vote/Approval Required	A-39
Section 5.8 Ownership of Shares	A-39
Section 5.9 Brokers	A-39
Section 5.10 Exclusivity of Representations and Warranties	A-39
ARTICLE VI COVENANTS	A-39
Section 6.1 Conduct of Business	A-39
Section 6.2 No Solicitation	A-43
Section 6.3 Preparation of Proxy Statement; Stockholders Meeting	A-46
Section 6.4 Access to Information; Confidentiality	A-47
Section 6.5 Reasonable Best Efforts	A-48
Section 6.6 Takeover Laws	A-49
Section 6.7 Notification of Certain Matters	A-49
Section 6.8 Indemnification, Exculpation and Insurance	A-49
Section 6.9 Public Announcements	A-50
Section 6.10 Section 16 Matters	A-51
Section 6.11 Exchange Act Delisting	A-51
Section 6.12 Rule 14d-10 Matters	A-51
Section 6.13 Further Assurances	A-51
ARTICLE VII CONDITIONS PRECEDENT	A-52
Section 7.1 Conditions to Each Party's Obligation to Effect the Merger	A-52
ARTICLE VIII TERMINATION, AMENDMENT AND WAIVER	A-52
Section 8.1 Termination	A-52
Section 8.2 Effect of Termination	A-53
Section 8.3 Fees and Expenses	A-53
Section 8.4 Amendment or Supplement	A-54
Section 8.5 Extension of Time; Waiver	A-55
Section 8.6 Effect of Termination on Offer	A-55

Table of Contents

	Page
ARTICLE IX GENERAL PROVISIONS	A-55
Section 9.1 Nonsurvival of Representations and Warranties	A-55
Section 9.2 Notices	A-55
Section 9.3 Certain Definitions	A-56
Section 9.4 Interpretation	A-57
Section 9.5 Entire Agreement	A-57
Section 9.6 No Third Party Beneficiaries	A-57
Section 9.7 Governing Law	A-57
Section 9.8 Submission to Jurisdiction	A-57
Section 9.9 Assignment; Successors	A-58
Section 9.10 Enforcement	A-58
Section 9.11 Currency	A-58
Section 9.12 Severability	A-58
Section 9.13 Waiver of Jury Trial	A-58
Section 9.14 Counterparts	A-58
Section 9.15 Facsimile Signature	A-59
Section 9.16 No Presumption Against Drafting Party	A-59
Section 9.17 Performance Guaranty	A-59
Section 9.18 Original Agreement Superseded	A-59
Exhibit A Form of Support Agreement	A-62
Exhibit B Conditions to the Offer	A-73
Exhibit C Articles of Incorporation	A-75
Exhibit D Bylaws	A-78

Table of Contents**INDEX OF DEFINED TERMS**

Definition	Location
401(k) Plan	6.1(a)(ii)(G)
510(k) s	4.11(c)
Acceptance Date	1.1(e)
Acceptable Confidentiality Agreement	6.2(h)(i)
Acquisition Proposal	6.2(h)(ii)
Action	4.10
Adverse Recommendation Change	6.2(e)
Affiliate	9.3(a)
Affiliate Transaction	4.25
Agreement	Preamble
Arrangements	6.12
Board Observer	1.4(b)
Book-Entry Shares	3.3(b)
Business Day	9.3(b)
California Secretary of State	2.3
Certificate of Merger	2.3
Certificates	3.3(b)
CGCL	2.1
Change of Recommendation	6.2(f)
Closing	2.2
Closing Date	2.2
Code	3.4
Company	Preamble
Company Acquisition Agreement	6.2(e)
Company Benefit Agreement	9.3(c)
Company Board	Recitals
Company Board Recommendation	6.2(e)
Company Bylaws	4.1(b)
Company Charter	4.1(b)
Company Copyright	4.19(b)
Company Disclosure Letter	Article IV
Company IP	4.19(b)
Company Marks	4.19(b)
Company Patents	4.19(b)
Company Plans	4.12(a)
Company Preferred Stock	4.2(a)
Company SEC Documents	4.6(a)
Company Stock Awards	4.2(c)
Company Stock Option	3.2(b)
Company Stock Plans	3.2(b)
Company Stockholder Approval	4.4(a)
Company Stockholders Meeting	6.3(b)
Compensation Committee	6.12

Table of Contents

Definition	Location
Confidentiality Agreement	6.4
Conflict Minerals	4.14(j)
Contract	4.5(a)
Control	9.3(d)
Copyrights	4.19(a)
Covered Securityholders	6.12
Dissenting Shares	3.5
Effective Time	2.3
Employment Compensation Agreement	6.12
Environmental Law	4.14(a)
Environmental Permit	4.14(a)
ERISA	4.12(a)
ERISA Affiliate	4.12(c)
ERISA Affiliate Plan	4.12(c)
ESPP	3.2(e)
Exchange Act	1.1(a)
Exchange Fund	3.3(a)
Excluded Party	6.2(h)(iii)
Expiration Date	1.1(c)
FDA	4.11(b)
FDA Laws	4.11(b)
Financial Advisor	4.26
Florida Act	2.1
Florida Certificate of Merger	2.3
Florida Secretary of State	2.3
Foreign Drug Laws	4.11(b)
GAAP	4.6(b)
Governmental Entity	4.5(b)
Hazardous Substances	4.14(a)
Indebtedness	6.1(a)(i)(G)
Independent Directors	1.4(d)
Initial Expiration Date	1.1(c)
Intellectual Property	4.19(a)
IRS	4.12(a)
Knowledge	9.3(e)
Law	4.5(a)
Leased Real Property	4.18(b)
Liability	9.3(f)
Liens	4.2(b)
Marks	4.19(a)
Material	9.3(g)
Material Adverse Effect	4.1(a)
Material Contracts	4.16(a)
Merger	Recitals

Table of Contents

Definition	Location
Merger Agreement	Exhibit B
Merger Consideration	3.1(a)
Merger Sub	Preamble
Minimum Condition	Exhibit B
No-Shop Period Start Date	6.2(b)
NYSE	1.1(c)(ii)
OFAC	4.11(f)
Offer	Recitals
Offer Amount	1.1(e)
Offer Conditions	1.1(b)
Offer Consideration	1.1(a)
Offer Documents	1.2
Original Agreement	Recitals
Original Offer	Recitals
Outside Date	1.1(c)(i)(B)
Owned Real Property	4.18(b)
Parent	Preamble
Parent Material Adverse Effect	5.1
Patents	4.19(a)
Paying Agent	3.3(a)
PBGC	4.12(c)
Permits	4.11(a)
Permitted Liens	4.18(a)
Person	9.3(h)
PMA s	4.11(c)
Proper Delivery	3.3(b)
Proxy Statement	4.8
Related Party	4.25
Representatives	6.2(a)
Restricted Stock	3.2(c)
Rights Plan	4.24
Sarbanes-Oxley Act	4.6(a)
Schedule 14D-9	1.3(b)
Schedule TO	1.2
Securities Act	4.5(b)
SEC	1.1(c)(ii)
Shares	Recitals
SSA	4.11(a)
Stockholders	9.3(i)
Subsidiary	9.3(j)
Superior Proposal	6.2(h)(iv)
Support Agreement	Recitals
Surviving Corporation	2.1
Takeover Laws	4.23

Table of Contents

Definition	Location
Tax	9.3(k)
Tax Proceedings	4.15(e)
Tax Return	9.3(l)
Termination Fee	8.3(b)(iii)
Trade Secrets	4.19(a)
VEBA	4.12(e)(iii)
Warrant	3.2(a)
Warrant Holder	3.2(a)
Worker Safety Laws	4.13(e)

A-8

Table of Contents

**AMENDED AND RESTATED
AGREEMENT AND PLAN OF MERGER**

AMENDED AND RESTATED AGREEMENT AND PLAN OF MERGER (this Agreement), dated as of April 14, 2011, among CryoLife, Inc., a Florida corporation (Parent), CL Falcon, Inc., a Florida corporation and a wholly owned Subsidiary of Parent (Merger Sub), and Cardiogenesis Corporation, a California corporation (the Company).

RECITALS

WHEREAS, the parties hereto executed that certain Agreement and Plan of Merger dated as of March 28, 2011 (the Original Agreement);

WHEREAS, pursuant to the Original Agreement, Merger Sub would commence an offer to purchase all of the outstanding shares of common stock, no par value per share, of the Company (Shares) for the consideration and on the terms and subject to the conditions set forth therein (the Original Offer);

WHEREAS, the parties desire to amend and restate the Original Agreement in order to modify the terms of the Original Offer such that Merger Sub would offer to purchase only 49.9% of the outstanding Shares (the Offer), rather than all of the outstanding Shares, and make certain other changes related thereto;

WHEREAS, each Share accepted by Merger Sub in accordance with the terms of the Offer will be exchanged for the Offer Consideration, subject to and in accordance with the provisions set forth herein;

WHEREAS, the parties intend that, following the consummation of the Offer, Merger Sub shall be merged with and into the Company, with the Company being the surviving corporation in such merger, on the terms and subject to the conditions set forth herein (the Merger), and each Share that is issued and outstanding immediately prior to the Effective Time (other than each such Share that is owned by Parent, Merger Sub or any of their respective wholly owned Subsidiaries immediately prior to the Effective Time and each Share that is held in the treasury of the Company or owned by the Company or any of its wholly owned Subsidiaries immediately prior to the Effective Time and any Dissenting Shares) will be canceled and converted into the right to receive the Merger Consideration, subject to and in accordance with the provisions set forth herein;

WHEREAS, the Boards of Directors of Parent and Merger Sub have each (i) unanimously approved this Agreement and the Original Agreement, (ii) approved the execution, delivery and performance of this Agreement and the Original Agreement and (iii) declared it advisable for Parent and Merger Sub, respectively, to enter into this Agreement and the Original Agreement;

WHEREAS, the Board of Directors of the Company (the Company Board) has (i) determined that it is in the best interests of the Company and its Stockholders, and declared it advisable, to enter into this Agreement and the Original Agreement, (ii) approved the execution, delivery and performance by the Company of this Agreement and the Original Agreement and the consummation of the transactions contemplated thereby, including the Offer and the Merger and (iii) resolved and agreed, subject to the terms and conditions set forth herein, to recommend that the Stockholders accept the Offer, tender their Shares pursuant to the Offer, approve the Merger and adopt this Agreement (if required by applicable Law);

WHEREAS, concurrently with the execution and delivery of the Original Agreement, and as a condition and inducement to Parent's willingness to enter into the Original Agreement, each of the members of the Company Board and the executive officers of the Company have entered into an agreement in the form of Exhibit A hereto (the Support Agreement) pursuant to which each such Person has agreed, subject to the terms and conditions set forth

therein and herein, among other things, to tender the Shares held by such Person in the Offer, at Parent's direction, and to vote in favor of, or sign a written consent of the Stockholders approving, the Merger; and

WHEREAS, Parent, Merger Sub and the Company desire to make certain representations, warranties, covenants and agreements in connection with the Offer and the Merger and also to prescribe certain conditions to the Offer and the Merger as specified herein.

A-9

Table of Contents

AGREEMENT

NOW, THEREFORE, in consideration of the premises, and of the representations, warranties, covenants and agreements contained herein, and intending to be legally bound hereby, Parent, Merger Sub and the Company hereby amend and restate the Original Agreement in its entirety and for all purposes as follows:

**ARTICLE I
THE OFFER**

Section 1.1 The Offer.

(a) The parties acknowledge and agree that on April 5, 2011, Merger Sub commenced (within the meaning of Rule 14d-2 under the Securities Exchange Act of 1934, as amended (including the rules and regulations promulgated thereunder, the Exchange Act)) the Offer. In the Offer, each Share accepted by Merger Sub in accordance with the terms and subject to the conditions of the Offer shall be exchanged for the right to receive \$0.457 in cash, without interest (such amount for each Share, the Offer Consideration), subject to the other provisions of this Section 1.1.

(b) The obligations of Merger Sub, and of Parent to cause Merger Sub, to accept for payment and pay for any Shares tendered pursuant to the Offer shall be subject only to (i) the satisfaction of the Minimum Condition, as defined on Exhibit B hereto and (ii) the satisfaction or waiver by Merger Sub of the other conditions set forth in Exhibit B (such conditions, together with the Minimum Condition, the Offer Conditions) and the terms and conditions hereof. Parent and Merger Sub expressly reserve the right, in their sole discretion, to waive any Offer Condition or to modify the terms or conditions of the Offer consistent with the terms of this Agreement, except that, without the prior written consent of the Company, neither Parent nor Merger Sub shall, except pursuant to Section 6.2(e), (A) reduce the Offer Consideration, (B) change the form of consideration payable in the Offer, (C) reduce the number of Shares to be purchased by Merger Sub in the Offer, (D) waive or amend the Minimum Condition, (E) add to the Offer Conditions or impose any other conditions to the Offer, (F) extend the expiration of the Offer except as required or permitted by Section 1.1(c), (G) otherwise amend, modify or supplement any Offer Condition or any term of the Offer set forth in this Agreement in a manner adverse to the holders of Shares or (H) abandon or terminate the Offer, except as provided in Article VIII hereof. Notwithstanding the foregoing, Parent may amend the Offer without violation of the foregoing limitations and without the prior written consent of the Company in connection with its match right set forth in Section 6.2(e) in order to cause the Offer to comply with its requirements thereunder, *provided* that such match right-to-adjust shall not apply to Section 1.1(b)(D) and shall apply to Section 1.1(b)(G) only to the extent that the revised Offer, taken as a whole (as opposed to any individual term), has not been revised in a manner adverse to the holders of Shares.

(c) The Offer shall expire on May 2, 2011 (the Initial Expiration Date), except as may otherwise be required by applicable Law; *provided, however*, that Merger Sub shall, and Parent shall cause it to (in each case unless Parent or the Company has terminated this Agreement pursuant to Article VIII), extend the Offer (i) if at the Initial Expiration Date or any subsequent scheduled expiration date of the Offer (together with the Initial Expiration Date, the Expiration Date) any of the Offer Conditions shall not have been satisfied or waived, for one or more successive periods of up to ten (10) Business Days per extension (or any longer period as may be reasonably requested by Parent and approved in advance in writing by the Company) until the earlier to occur of (A) the date such Offer Conditions are satisfied or waived or (B) August 31, 2011 (the Outside Date), or (ii) for any period required by any rule, regulation, interpretation or position of the Securities and Exchange Commission (the SEC) or the staff thereof or the rules of the New York Stock Exchange (the NYSE) or any applicable Law.

(d) [Intentionally Omitted].

(e) Subject to the terms of the Offer and this Agreement and the satisfaction or waiver by Merger Sub of all of the Offer Conditions, Merger Sub will irrevocably accept for payment and pay for all Shares validly tendered and not validly withdrawn pursuant to the Offer promptly after the expiration date thereof (as the same may be extended or required to be extended, in each case in accordance with the terms of Section 1.1) (the date on which the first of such Shares are accepted for payment under the Offer, the Acceptance Date); *provided, however*, that in the event the number of Shares validly tendered and not validly withdrawn pursuant to the Offer exceeds an amount equal to

A-10

Table of Contents

forty-nine and nine-tenths percent (49.9%) of the Shares then outstanding (the Offer Amount), Merger Sub will purchase, on a pro rata basis based on the Shares actually deposited in the Offer by each holder of any such Shares, Shares representing the Offer Amount; *provided, further*, that notwithstanding any other provision of this Agreement, in the event Merger Sub purchases a number of Shares equal to the Offer Amount pursuant to and in accordance with this Section 1.1(e), then at all times prior to the termination of this Agreement, the Company shall take no action whatsoever (including the redemption of any Shares) without the prior written consent of Parent and Merger Sub that would have the effect of increasing the percentage of direct or indirect ownership of Shares by Parent and its controlled Affiliates, including Merger Sub, in excess of forty-nine and nine-tenths percent (49.9%).

(f) Parent shall cause to be provided to Merger Sub all of the funds necessary to purchase any Shares that Merger Sub becomes obligated to purchase pursuant to the Offer, and shall cause Merger Sub to perform, on a timely basis, all of Merger Sub's obligations under this Agreement with respect to consummation of the Offer and the Merger and payment or issuance of consideration contemplated by this Agreement in respect thereof.

Section 1.2 Offer Documents. On April 5, 2011, Parent and Merger Sub filed with the SEC a Tender Offer Statement on Schedule TO (Schedule TO) with respect to the Offer, which contained an offer to purchase and a related letter of transmittal and other ancillary documents (such Schedule TO and the documents included therein pursuant to which the Offer was made, together with any supplements or amendments thereto, the Offer Documents). The Company shall promptly furnish to Parent and Merger Sub all information concerning the Company required by the Exchange Act to be set forth in the Offer Documents. Each of Parent, Merger Sub and the Company shall promptly correct any information supplied by it for inclusion or incorporation by reference in the Offer Documents if and to the extent that such information shall have become false or misleading in any material respect, and each of Parent and Merger Sub shall take all steps necessary to amend or supplement the Offer Documents and to cause the Offer Documents as so amended or supplemented to be filed with the SEC and disseminated to the Stockholders, in each case as and to the extent required by applicable Laws. Parent and Merger Sub shall promptly notify the Company upon the receipt of any comments from the SEC, or any request from the SEC for amendments or supplements, to the Offer Documents, and shall provide the Company with copies of all correspondence between them and their Representatives, on the one hand, and the SEC, on the other hand, and shall use its reasonable best efforts to give the Company the opportunity to participate in any substantive telephonic communications with the staff of the SEC related thereto. Prior to the filing of any amendment or supplement to the Offer Documents with the SEC or dissemination thereof to the shareholders of the Company, or responding to any comments of the SEC with respect to the Offer Documents, Parent and Merger Sub shall provide the Company a reasonable opportunity to review and comment on such Offer Documents or response (including the proposed final version thereof), and Parent and Merger Sub shall give reasonable consideration to any such comments.

Section 1.3 Company Actions.

(a) The Company hereby consents to the Offer and to the inclusion in the Offer Documents of the recommendation of the Company Board described in Section 4.4(b) (as long as no Adverse Recommendation Change has occurred prior to the filing of such Offer Document and provided that in the event of an Adverse Recommendation Change, Parent and Merger Sub shall file such amendment to the Offer Documents as may be necessary so that any of such Offer Documents would not include any misstatement of a material fact or omit to state any material fact necessary to make the statements therein, in light of the circumstances under which they were made, not misleading).

(b) The parties acknowledge and agree that on April 5, 2011, the Company filed with the SEC a Solicitation/Recommendation Statement on Schedule 14D-9 (such Schedule 14D-9, together with any amendments or supplements thereto, the Schedule 14D-9) containing, subject to the Company Board's right to make an Adverse Recommendation Change in accordance with Section 6.2(e), the recommendation of the Company Board described in Section 4.4(b), and caused the Schedule 14D-9 to be disseminated to the Stockholders (concurrently with and in the

same mailing envelope as the Offer Documents) as required by Rule 14d-9 under the Exchange Act. Each of the Company, Parent and Merger Sub agrees promptly to correct any information provided by it for use in the Schedule 14D-9 if and to the extent that such information shall have become false or misleading in any material respect, and the Company further agrees to take all steps necessary to cause the Schedule 14D-9 as so corrected to be filed with the SEC and to be disseminated to the Stockholders, in each case, as and to the extent required by

A-11

Table of Contents

applicable federal securities Laws. As long as no Adverse Recommendation Change has occurred in accordance with Section 6.2(e) prior to the filing of any amendment to such Schedule 14D-9, Parent, Merger Sub and their counsel shall be given a reasonable opportunity to review and comment on such amendment to Schedule 14D-9 prior to the filing thereof with the SEC and the Company shall give due consideration to all reasonable additions, deletions or changes suggested thereto by Parent, Merger Sub and their counsel. In addition, the Company agrees to provide Parent, Merger Sub and their counsel any comments, whether written or oral, that the Company or its counsel may receive from the SEC or its staff with respect to the Schedule 14D-9 promptly after the receipt of such comments, and any written or oral responses thereto. Parent, Merger Sub and their counsel shall be given a reasonable opportunity to review and comment upon such responses and the Company shall give due consideration to all reasonable additions, deletions or changes suggested thereto by Parent, Merger Sub and their counsel.

(c) In connection with the Offer, the Company shall cause its transfer agent promptly to furnish Parent and Merger Sub with mailing labels, security position listings, any non-objecting beneficial owner lists and any available listings or computer files containing the names and addresses of the record holders of Shares as of the most recent practicable date and shall furnish Parent and Merger Sub with such additional available information (including, but not limited to, periodic updates of such information) and such other assistance as Parent, Merger Sub or their agents may reasonably request in communicating the Offer to the record and beneficial holders of Shares. Except for such steps as are necessary to disseminate the Offer Documents and any other documents necessary to consummate the Offer and the Merger, Parent and Merger Sub shall hold in confidence, subject to the terms of the Confidentiality Agreement except as further limited herein, the information contained in any such labels, listings and files, shall use such information only in connection with the Offer and the Merger and if this Agreement shall be terminated shall promptly deliver to the Company or order the destruction of the original and all copies of such information.

Section 1.4 Directors.

(a) Subject to compliance with applicable Law and the Company Charter and Company Bylaws, promptly upon the payment by Merger Sub for Shares pursuant to the consummation of the Offer, and from time to time thereafter, Parent shall be entitled to designate such number of directors, rounded up to the next whole number, on the Company Board as is equal to the product of the total number of directors on the Company Board (including the directors elected pursuant to this sentence) multiplied by the percentage that the aggregate number of Shares beneficially owned by Parent or its Affiliates at such time (including Shares so accepted for payment) bears to the total number of Shares then outstanding on a fully-diluted basis. In furtherance thereof, promptly upon the payment by Merger Sub for Shares pursuant to the Offer the Company shall, upon request of Parent, promptly take all actions necessary to cause Parent's designees to be so elected or appointed, including, without limitation, increasing the size of its Board of Directors and/or seeking the resignations of one or more incumbent directors. At such time, the Company shall, upon request of Parent, also promptly take all actions necessary to cause individuals designated by Parent to constitute at least the same percentage (rounded up to the next whole number) as is on the Company Board of (i) each committee of the Company Board, (ii) each board of directors (or similar body) of each Subsidiary of the Company and (iii) each committee (or similar body) of each such board.

(b) Subject to compliance with applicable Law and the Company Charter and Company Bylaws, promptly upon the payment by Merger Sub for Shares pursuant to the consummation of the Offer, and from time to time thereafter, Parent shall be entitled to designate up to two individuals (each, a Board Observer) to attend all meetings of the Company Board and all committees thereof (whether in person, telephonic or other). Each Board Observer will be provided, concurrently with the members of the Company Board and in the same manner, all notices, information and materials provided to the Company Board.

(c) The Company's obligations to appoint Parent's designees to the Company Board pursuant to Section 1.4(a) shall be subject to Section 14(f) of the Exchange Act and Rule 14f-1 thereunder. Subject to applicable Law, the Company shall

promptly take all actions required pursuant to Section 14(f) and Rule 14f-1 in order to fulfill its obligations under this Section 1.4, including mailing to the Stockholders together with the Schedule 14D-9 the information required under Section 14(f) and Rule 14f-1 as is necessary to enable Parent's designees to be elected or appointed to the Company Board. Parent shall supply to the Company any information with respect to itself and its officers, directors and Affiliates to the extent required by Section 14(f) and Rule 14f-1. The provisions of this

A-12

Table of Contents

Section 1.4 are in addition to and shall not limit any rights that Parent, Merger Sub or any of their Affiliates may have as a holder or beneficial owner of Shares as a matter of applicable Law with respect to the election of directors or otherwise.

(d) In the event that Parent's designees are elected or appointed to the Company Board pursuant to this Section 1.4 then, until the Effective Time, the Company shall use commercially reasonable efforts to cause the Company Board to maintain at least three directors who are members of the Company Board on the date of the Original Agreement and who are independent for purposes of Rule 10A-3 under the Exchange Act (the Independent Directors); *provided, however,* that if the number of Independent Directors is reduced below three for any reason, the remaining Independent Director(s) shall be entitled to nominate an individual or individuals to fill such vacancy who shall be deemed to be Independent Directors for purposes of this Agreement or, if no Independent Directors then remain, the other directors shall designate three individuals to fill such vacancies who are independent for purposes of Rule 10A-3 under the Exchange Act, and such individuals shall be deemed to be Independent Directors for purposes of this Agreement. The Company and the Company Board shall promptly take all action as may be necessary to comply with their obligations under this Section 1.4(d). Notwithstanding anything in this Agreement to the contrary, from and after the time, if any, that Parent's designees pursuant to this Section 1.4 constitute a majority of the Company Board and prior to the Effective Time, subject to the terms hereof, any amendment or termination of this Agreement by the Company, any extension by the Company of the time for the performance of any of the obligations or other acts of Parent or Merger Sub or waiver of any of the Company's rights hereunder, will require the concurrence of a majority of the Independent Directors (or in the case where there are two or fewer Independent Directors, the concurrence of one Independent Director) if such amendment, termination, extension or waiver would reasonably be expected to have an adverse effect on any holders of Shares other than Parent or Merger Sub. The Independent Directors shall have the authority to retain outside legal counsel (which may include current outside legal counsel of the Company) at the reasonable expense of the Company for the purpose of fulfilling their obligations under this Agreement and shall have the authority, after the Acceptance Date, to institute any action on behalf of the Company to enforce the performance of the Agreement in accordance with its terms.

Section 1.5 [Intentionally Omitted].

Section 1.6 [Intentionally Omitted].

**ARTICLE II
THE MERGER**

Section 2.1 The Merger. Upon the terms and subject to the conditions set forth in this Agreement and in accordance with the California General Corporation Law (the CGCL) and the Florida Business Corporation Act (the Florida Act), at the Effective Time, Merger Sub shall be merged with and into the Company. Following the Merger, the separate corporate existence of Merger Sub shall cease, and the Company shall continue as the surviving corporation in the Merger (the Surviving Corporation).

Section 2.2 Closing. The closing of the Merger (the Closing) shall take place at 10:00 a.m., Eastern time, on the second (2nd) Business Day following the satisfaction or, to the extent permitted by applicable Law, waiver of the conditions set forth in Article VII (other than those conditions that by their terms are to be satisfied at the Closing, but subject to the satisfaction or, to the extent permitted by applicable Law, waiver of those conditions), at the offices of Arnall Golden Gregory LLP at 171 17th Street NW, Suite 2100, Atlanta, Georgia 30363, unless another date, time or place is agreed to in writing by Parent and the Company. The date on which the Closing occurs is referred to in this Agreement as the Closing Date.

Section 2.3 Effective Time. Upon the terms and subject to the provisions of this Agreement, as soon as practicable on the Closing Date, the parties shall file (a) a certificate of merger with the Secretary of State of the State of Florida (the Florida Secretary of State) executed in accordance with the relevant provisions of the Florida Act (the Florida Certificate of Merger), (b) a certificate of merger with the Secretary of State of the State of California (the California Secretary of State) executed in accordance with the relevant provisions of the CGCL ((a) and (b), collectively, the Certificates of Merger and each individually, a Certificate of Merger) and (c) as soon as practicable on or after the Closing Date, shall make any and all other filings or recordings required under the

Table of Contents

Florida Act and the CGCL. The Merger shall become effective at such time as specified in the Certificates of Merger (the time the Merger becomes effective being the Effective Time).

Section 2.4 Effects of the Merger. The Merger shall have the effects set forth in this Agreement and in the relevant provisions of the Florida Act and the CGCL. Without limiting the generality of the foregoing, and subject thereto, at the Effective Time, all the property, rights, privileges, powers and franchises of the Company and Merger Sub shall vest in the Surviving Corporation, and all debts, liabilities and duties of the Company and Merger Sub shall become the debts, liabilities and duties of the Surviving Corporation.

Section 2.5 Articles of Incorporation; Bylaws.

(a) At the Effective Time, the articles of incorporation of the Company shall be amended and restated in substantially the form set forth in Exhibit C and, as so amended, shall be the articles of incorporation of the Surviving Corporation until thereafter amended in accordance with its terms and as provided by applicable Law.

(b) At the Effective Time, the bylaws of the Company shall be amended and restated in substantially the form set forth in Exhibit D, and, as so amended, shall be the bylaws of the Surviving Corporation until thereafter amended in accordance with their terms and as provided by applicable Law.

Section 2.6 Directors. The directors of Merger Sub immediately prior to the Effective Time shall be the directors of the Surviving Corporation until the earlier of their resignation or removal or until their respective successors are duly elected and qualified.

Section 2.7 Officers. The officers of Merger Sub immediately prior to the Effective Time shall be the officers of the Surviving Corporation until the earlier of their resignation or removal or until their respective successors are duly elected and qualified.

**ARTICLE III
EFFECT ON THE CAPITAL STOCK OF THE
CONSTITUENT CORPORATIONS; EXCHANGE OF CERTIFICATES**

Section 3.1 Conversion of Capital Stock. At the Effective Time, by virtue of the Merger and without any action on the part of the Company, Parent, Merger Sub or the holders of any shares of capital stock of the Company, Parent or Merger Sub:

(a) Each Share issued and outstanding immediately prior to the Effective Time (other than Shares to be canceled in accordance with Section 3.1(b) and any Dissenting Shares) shall thereupon be converted automatically into and shall thereafter represent the right to receive \$0.457 in cash, without interest (the Merger Consideration). As of the Effective Time, all such Shares shall no longer be outstanding and shall automatically be cancelled and shall cease to exist, and shall thereafter only represent the right to receive the Merger Consideration to be issued or paid in accordance with Section 3.3, without interest.

(b) Each Share held in the treasury of the Company or owned, directly or indirectly, by Parent, Merger Sub or any wholly owned Subsidiary of the Company immediately prior to the Effective Time shall automatically be canceled and shall cease to exist, and no consideration shall be delivered in exchange therefor.

(c) Each share of common stock, par value \$0.01 per share, of Merger Sub issued and outstanding immediately prior to the Effective Time shall be converted into and become one validly issued, fully paid and non-assessable share of common stock, no par value per share, of the Surviving Corporation.

(d) If at any time during the period between the date of the Original Agreement and the Effective Time, any change in the outstanding shares of capital stock of the Company, or securities convertible into or exchangeable into or exercisable for shares of such capital stock, shall occur as a result of any reclassification, recapitalization, stock split (including a reverse stock split) or subdivision or combination, exchange or readjustment of shares, or any stock dividend or stock distribution with a record date during such period (excluding, in each case, normal quarterly cash dividends), merger or other similar transaction, the Merger Consideration shall be equitably adjusted, without duplication, to reflect such change; *provided*, that nothing in this Section 3.1(d) shall be construed to permit the Company to take any action with respect to its securities that is prohibited by the terms of this Agreement.

A-14

Table of Contents

Section 3.2 Treatment of Warrants, Options and Other Equity-Based Awards.

(a) Following the date of the Original Agreement, (i) the Company shall provide written notice of the pending Merger to the holder (the Warrant Holder) of that certain Common Stock Purchase Warrant dated October 26, 2004 (the Warrant), in accordance with the terms thereof, and (ii) as soon as reasonably practicable following the Effective Time, provided that the Warrant Holder has not earlier exercised the Warrant in full, Parent shall issue a replacement warrant to the Warrant Holder providing identical terms to the Warrant except that such replacement warrant shall be exercisable into the amount of Merger Consideration to which the Warrant Holder would have been entitled if the Warrant Holder had exercised the Warrant immediately prior to the consummation of the Merger.

(b) At the Effective Time, each option (each, a Company Stock Option) to purchase Shares granted under the Cardiogenesis Corporation Director Stock Option Plan and/or the Cardiogenesis Corporation Stock Option Plan (collectively, the Company Stock Plans), whether vested or unvested, that is outstanding immediately prior to the Effective Time shall be cancelled and, in exchange therefor, the Surviving Corporation shall pay to each former holder of any such cancelled Company Stock Option as soon as practicable following the Effective Time by a special payroll payment an amount in cash (without interest, and subject to deduction for any required withholding Tax) equal to the product of (i) the excess of the Merger Consideration over the exercise price per Share under such Company Stock Option and (ii) the number of Shares subject to such Company Stock Option; *provided*, that if the exercise price per Share of any such Company Stock Option is equal to or greater than the Merger Consideration, such Company Stock Option shall be canceled without any cash payment being made in respect thereof; *provided further* that Parent may, in its sole discretion, cause the Paying Agent, on behalf of the Surviving Corporation, to make the payments described in this Section 3.2(b) rather than the Surviving Corporation. The Company shall, prior to the Acceptance Date, take all requisite action necessary to amend the Company Stock Plans to permit the cancellation and exchange of the Company Stock Options contemplated by this Section 3.2(b).

(c) Each share of restricted stock acquired pursuant to a stock purchase right under the Cardiogenesis Corporation Stock Option Plan (Restricted Stock) that is not fully vested and that is outstanding immediately prior to the Acceptance Date shall automatically become fully vested immediately prior to the Acceptance Date, but subject to the occurrence of the Acceptance Date, pursuant to the terms of the Restricted Stock Purchase Agreement evidencing such Restricted Stock without any action on the part of the Company, Parent, Merger Sub or the holders of any such share of Restricted Stock. The Company shall, prior to the Acceptance Date, take all requisite action, if any, necessary to accelerate the vesting of all outstanding Restricted Stock as contemplated by the preceding sentence.

(d) The Company shall take all actions necessary to ensure that, as of the Effective Time, (i) the Company Stock Plans shall terminate and (ii) no holder of a Company Stock Option or any participant in any Company Stock Plan or any other employee incentive or benefit plan, program or arrangement or any non-employee director plan maintained by the Company shall have any rights to acquire, or other rights in respect of, the capital stock of the Company, the Surviving Corporation or any of their Subsidiaries, except the right to receive the payment contemplated by Section 3.2(b) upon exercise thereof.

(e) With respect to the 1996 Employee Stock Purchase Plan of Cardiogenesis Corporation, as amended (as so amended, the ESPP), the Company shall not commence any new Offering Periods (as defined in the ESPP) under the ESPP on or after the date of the Original Agreement.

Section 3.3 Exchange and Payment.

(a) Prior to the Effective Time, Parent and Merger Sub shall enter into an agreement with a bank or trust company designated by Parent and reasonably acceptable to the Company (the Paying Agent). On the day of (and immediately following) the Effective Time, Parent or Merger Sub shall deposit (or cause to be deposited) with the Paying Agent, in

trust for the benefit of holders of Shares, an amount of cash sufficient to deliver to holders of Shares the Merger Consideration to which they are entitled pursuant to Section 3.1. Any cash deposited with the Paying Agent shall hereinafter be referred to as the Exchange Fund. The Exchange Fund shall not be used for any purpose other than to fund payments due pursuant to Section 3.1(a), except as provided in this Agreement. Parent shall pay all fees and expenses of the Paying Agent.

A-15

Table of Contents

(b) As soon as reasonably practicable after the Effective Time, but in any event no later than the third (3rd) Business Day thereafter, the Surviving Corporation shall cause the Paying Agent to mail to each holder of record of an outstanding certificate or outstanding certificates (Certificates) and to each holder of uncertificated Shares represented by book entry (Book-Entry Shares) that immediately prior to the Effective Time represented outstanding Shares that were converted into the right to receive the Merger Consideration with respect thereto pursuant to Section 3.1(a), (i) a form of letter of transmittal (which shall specify that delivery shall be effected, and risk of loss and title to the Certificates held by such Person shall pass, only upon proper delivery of the Certificates to the Paying Agent, and which letter shall be in customary form and contain such other provisions as Parent or the Paying Agent may reasonably specify) and (ii) instructions for use in effecting the surrender of such Certificates or Book-Entry Shares in exchange for the Merger Consideration payable with respect thereto pursuant to Section 3.1(a). Upon surrender of a Certificate to the Paying Agent, together with such letter of transmittal (or, in the case of a Book-Entry Share, upon delivery of such letter of transmittal), duly completed and validly executed in accordance with the instructions thereto, and such other documents as the Paying Agent may reasonably require (a Proper Delivery), the holder of such Certificate or Book-Entry Share shall be entitled to receive in exchange therefor the Merger Consideration that such holder is entitled to receive pursuant to Section 3.1(a) in respect of the Shares represented by such Certificate or Book-Entry Share and the Certificate so surrendered shall forthwith be canceled. No interest will be paid or accrued on any Merger Consideration payable in respect of Certificates or Book-Entry Shares. Payment of Merger Consideration shall be made as promptly as practicable after the date of Proper Delivery of the applicable Certificate or Book-Entry Share.

(c) If payment of the Merger Consideration is to be made to a Person other than the Person in whose name the surrendered Certificate or Book-Entry Share is registered, it shall be a condition of payment that such Certificate so surrendered shall be properly endorsed or shall be otherwise in proper form for transfer or such Book-Entry Share shall be properly transferred and that the Person requesting such payment shall have paid any transfer and other Taxes required by reason of the payment of the Merger Consideration to a Person other than the registered holder of the Certificate or Book-Entry Share surrendered or shall have established to the satisfaction of Parent that such tax either has been paid or is not applicable.

(d) Until surrendered as contemplated by this Section 3.3, each Certificate or Book-Entry Share shall be deemed at any time after the Effective Time to represent only the right to receive the Merger Consideration payable in respect of Shares theretofore represented by such Certificate or Book-Entry Shares, as applicable, pursuant to Section 3.1(a), without any interest thereon.

(e) All Merger Consideration delivered upon the surrender for exchange of Certificates or Book-Entry Shares in accordance with the terms of this Article III shall be deemed to have been paid in full satisfaction of all rights pertaining to the Shares formerly represented by such Certificates or Book-Entry Shares. At the Effective Time, the stock transfer books of the Company shall be closed and there shall be no further registration of transfers on the stock transfer books of the Surviving Corporation of the Shares that were outstanding immediately prior to the Effective Time. If, after the Effective Time, Certificates are presented to the Surviving Corporation or the Paying Agent for transfer or transfer is sought for Book-Entry Shares, such Certificates or Book-Entry Shares shall be canceled and exchanged as provided in this Article III, subject to applicable Law in the case of Dissenting Shares.

(f) The Paying Agent shall invest any cash included in the Exchange Fund as directed by Parent, on a daily basis. Any interest or other income resulting from such investments shall be paid to Parent, upon demand.

(g) Any portion of the Exchange Fund (and any interest or other income earned thereon) that remains undistributed to the holders of Certificates or Book-Entry Shares one (1) year after the Effective Time shall be delivered to Parent, upon demand, and any holders of Certificates or Book-Entry Shares who have not theretofore complied with this Article III shall thereafter look only to the Surviving Corporation (subject to abandoned property, escheat or other

similar Laws), as general creditors thereof, for payment of the Merger Consideration with respect to Shares formerly represented by such Certificate or Book-Entry Share, without interest.

A-16

Table of Contents

(h) None of Parent, the Surviving Corporation, the Paying Agent or any other Person shall be liable to any Person in respect of cash from the Exchange Fund properly delivered to a public official pursuant to any applicable abandoned property, escheat or similar Law.

(i) If any Certificate shall have been lost, stolen or destroyed, upon the making of an affidavit, in form and substance required by the Paying Agent (or, if no such affidavit is required by the Paying Agent, in form and substance reasonably acceptable to Parent), of that fact by the Person claiming such Certificate to be lost, stolen or destroyed and, if required by Parent or the Paying Agent, the posting by such Person of a bond in such amount as Parent or the Paying Agent may determine is reasonably necessary as indemnity against any claim that may be made against it or the Surviving Corporation with respect to such Certificate, the Paying Agent will deliver in exchange for such lost, stolen or destroyed Certificate the Merger Consideration payable in respect thereof pursuant to this Agreement.

(j) Any portion of the Merger Consideration made available to the Paying Agent pursuant to Section 3.3(a) to pay for Shares for which appraisal rights have been perfected as described in Section 3.5 shall be returned to Parent, upon demand.

Section 3.4 Withholding Rights. Parent, Merger Sub, the Surviving Corporation and the Paying Agent shall be entitled to deduct and withhold from the consideration otherwise payable to any holder of Shares, Company Stock Options or otherwise pursuant to this Agreement such amounts as Parent, the Surviving Corporation or the Paying Agent is required to deduct and withhold with respect to the making of such payment under the Internal Revenue Code of 1986, as amended (the Code), or any provision of state, local or foreign tax Law. To the extent that amounts are so withheld and paid over to the appropriate taxing authority by Parent, the Surviving Corporation or the Paying Agent, such withheld amounts shall be treated for all purposes of this Agreement as having been paid to the Person in respect of which such deduction and withholding was made.

Section 3.5 Dissenting Shares. Notwithstanding anything in this Agreement to the contrary, Shares issued and outstanding immediately prior to the Effective Time that are held by any holder who has not voted in favor of the Merger and who is entitled to demand and properly demands appraisal of such Shares pursuant to Section 1300 of the CGCL (Dissenting Shares) shall not be converted into the right to receive the Merger Consideration, unless and until such holder shall have failed to perfect, or shall have effectively withdrawn or lost, such holder's right to appraisal under the CGCL. Dissenting Shares shall be treated in accordance with Chapter 13 of the CGCL. If any such holder fails to perfect or withdraws or loses any such right to appraisal, each such Share of such holder shall thereupon be converted into and become exchangeable only for the right to receive, as of the later of the Effective Time and the time that such right to appraisal has been irrevocably lost, withdrawn or expired, the Merger Consideration in accordance with Section 3.1(a). The Company shall serve prompt notice to Parent of any demands for appraisal of any Shares, attempted withdrawals of such notices or demands and any other instruments received by the Company relating to rights to appraisal, and Parent shall have the right to participate in all negotiations and proceedings with respect to such demands. The Company shall not, without the prior written consent of Parent, make any payment with respect to, settle or offer to settle, or approve any withdrawal of any such demands.

**ARTICLE IV
REPRESENTATIONS AND WARRANTIES OF THE COMPANY**

Except as set forth in the corresponding section or subsection of the disclosure letter delivered by the Company to Parent prior to the execution of the Original Agreement (the Company Disclosure Letter) (it being agreed that disclosure of any information in a particular section or subsection of the Company Disclosure Letter shall be deemed disclosure with respect to any other section or subsection of this Agreement to which the relevance of such information is readily apparent on its face or where specifically cross-referenced), each representation and warranty in this Article IV is not qualified in any way whatsoever, and is made and given with the intention of inducing Parent

Table of Contents

and Merger Sub to enter into this Agreement. Subject to the foregoing, the Company represents and warrants to Parent and Merger Sub as follows:

Section 4.1 Organization, Standing and Power.

(a) Each of the Company and its Subsidiaries (i) is an entity duly organized, validly existing and in good standing under the Laws of the jurisdiction of its organization, (ii) has all requisite corporate or similar power and authority to own, lease and operate its properties and to carry on its business as now being conducted and (iii) is duly qualified or licensed to do business and is in good standing in each jurisdiction in which the nature of its business or the ownership, leasing or operation of its properties makes such qualification or licensing necessary, except in the case of clause (iii), where the failure to be so qualified or licensed or in good standing, individually or in the aggregate, has not had and would not reasonably be expected to have a Material Adverse Effect. For purposes of this Agreement, Material Adverse Effect means (x) any event, change, circumstance, occurrence, effect or state of facts that (A) is or would reasonably be expected to be materially adverse to the business, assets, liabilities, condition (financial or otherwise) or results of operations of the Company and its Subsidiaries, taken as a whole, or (B) materially impairs the ability of the Company to comply, or prevents the Company from complying, with its material obligations with respect to the consummation of the Offer or the Merger or would reasonably be expected to do so; *provided, however*, that, Material Adverse Effect shall not include any event, change, circumstance, occurrence, effect or state of facts to the extent expressly set forth in the Company Disclosure Letter or arising out of or attributable to any of the following, either alone or in combination (1) generally affecting the industry in which the Company operates, or the economy or the financial or securities markets in the United States, including effects on such industry, economy or markets resulting from any regulatory or political conditions or developments in general, (2) any outbreak or escalation of hostilities or declared or undeclared acts of war or terrorism, weather, natural disasters or other force majeure events, (3) reflecting or resulting from changes in any Law or GAAP or interpretations thereof, (4) the announcement of the execution of the Original Agreement or the pendency of the Offer or the Merger or any other transactions contemplated by this Agreement, (5) any actions taken, or failure to take action, to which Parent or Merger Sub has expressly consented or requested, (6) compliance with the terms of, or the taking of any action required by, this Agreement, or the failure to take any action prohibited by this Agreement, (7) any stockholder litigation arising directly out of allegations of a breach of fiduciary duty relating to this Agreement (but excluding any such litigation arising out of or relating to any agreement with or between Stockholders other than the Support Agreement), (8) any failure by the Company or its Subsidiaries to meet any internal or external budgets, projections, forecasts or predictions of financial performance, or (9) a change in the market price or trading volume of the Shares, in and of itself; *provided, that*, with respect to clauses (1), (2) and (3), the impact of such event, change, circumstances, occurrence, effect or state of facts is not disproportionately adverse (relative to other industry participants of comparable size to the Company) to the Company and its Subsidiaries, taken as a whole, and *provided, further*, that with respect to clauses (8) and (9), the facts and circumstances giving rise to or contributing to such change may be taken into account in determining whether there has been a Material Adverse Effect; or (y) any violation, or series of violations, before or after the date of the Original Agreement by the Company or any of its Subsidiaries (or any violation, or series of violations, for which the Company or any of its Subsidiaries could be liable) of any FDA Law, Foreign Drug Law, or Law covered by Sections 4.11(d) through 4.11(g) for which the remedy, or remedies in the case of a series of violations, when aggregated together, would reasonably be expected to have a material adverse effect on the business of Parent or its Subsidiaries (only to the extent such effect results solely from the Company's violation(s), and not including any portion of such effect resulting from any act or omission of Parent or its Subsidiaries), that has not been disclosed in the Company Disclosure Letter prior to the date of the Original Agreement.

(b) The Company has previously delivered or made available to Parent true and complete copies of the Company's articles of incorporation (the Company Charter) and bylaws (the Company Bylaws), in each case as amended to the date of the Original Agreement, and each as so delivered is in full force and effect. The Company is not in violation of any provision of the Company Charter or Company Bylaws. The Company has made available to Parent true and

complete copies of the minutes of all meetings of the Stockholders, the Company Board and each committee of the Company Board held since January 1, 2007, except that any minutes of meetings related to other bidders in connection with any potential sale of the Company or any of its material assets or otherwise related to deliberations by the Company Board with respect to the consideration of strategic alternatives during the twelve (12) months prior to the date of the Original Agreement shall be provided in redacted form to exclude only such financially sensitive information as is directly related to such other bidders or deliberations, as applicable.

A-18

Table of ContentsSection 4.2 Capital Stock.

(a) The authorized capital stock of the Company consists of 75,000,000 Shares and 5,000,000 shares of preferred stock, no par value per share (the Company Preferred Stock). As of the close of business on March 25, 2011, (i) 46,638,421 Shares (excluding treasury shares) were issued and outstanding, (ii) no Shares were held by the Company in its treasury, (iii) no shares of Company Preferred Stock were issued and outstanding and no shares of Company Preferred Stock were held by the Company in its treasury, (iv) 7,041,775 Shares were reserved for issuance pursuant to Company Stock Plans (of which 3,146,940 Shares were subject to outstanding Company Stock Options, (v) 2,640,000 Shares were reserved for issuance pursuant to the Warrant and (vi) 423 shares were subject to purchase pursuant to the ESPP. There is no Offering Period under the ESPP ongoing as of the date of the Original Agreement. All the outstanding shares of capital stock of the Company are, and all shares reserved for issuance as noted in clauses (iv) and (v) above will be, when issued in accordance with the terms thereof, duly authorized, validly issued, fully paid and nonassessable and not subject to any preemptive rights. Neither the Company nor any of its Subsidiaries has outstanding any bonds, debentures, notes or other obligations having the right to vote (or convertible into, or exchangeable or exercisable for, securities having the right to vote) with the stockholders of the Company or such Subsidiary on any matter. Except as set forth above in this Section 4.2(a) and except for changes since March 25, 2011 resulting from the exercise of Company Stock Options described in Section 4.2(c) or as expressly permitted by Section 6.1, there are no outstanding (A) shares of capital stock or other voting securities or equity interests of the Company, (B) securities of the Company or any of its Subsidiaries convertible into or exchangeable or exercisable for shares of capital stock of the Company or other voting securities or equity interests of the Company or any of its Subsidiaries, (C) stock appreciation rights, phantom stock rights, performance units, interests in or rights to the ownership or earnings of the Company or any of its Subsidiaries or other equity equivalent or equity-based award or right, (D) subscriptions, options, warrants, calls, commitments, Contracts or other rights to acquire from the Company or any of its Subsidiaries, or obligations of the Company or any of its Subsidiaries to issue, any shares of capital stock of the Company or any of its Subsidiaries, voting securities, equity interests or securities convertible into or exchangeable or exercisable for capital stock or other voting securities or equity interests of the Company or any of its Subsidiaries or rights or interests described in clause (C), or (E) obligations of the Company or any of its Subsidiaries to repurchase, redeem or otherwise acquire any such securities or to issue, grant, deliver or sell, or cause to be issued, granted, delivered or sold, any such securities.

(b) No shares of capital stock of the Company are owned by any Subsidiary of the Company. All the outstanding shares of capital stock or other voting securities or equity interests of each Subsidiary of the Company have been duly authorized and validly issued, are fully paid, nonassessable and not subject to any preemptive rights. All of the shares of capital stock or other voting securities or equity interests of each such Subsidiary are owned, directly or indirectly, by the Company, free and clear of all pledges, claims, liens, charges, options, rights of first refusal, encumbrances and security interests of any kind or nature whatsoever (including any limitation on voting, sale, transfer or other disposition or exercise of any other attribute of ownership) (collectively, Liens). There are no stockholder agreements, voting trusts or other agreements or understandings to which the Company or any of its Subsidiaries is a party or on file with the Company with respect to the holding, voting, registration, redemption, repurchase or disposition of, or that restricts the transfer of, any capital stock or other equity interest of the Company or any of its Subsidiaries (except for the withholding of shares in connection with Taxes payable in respect of the exercise of Company Stock Options and the issuance of Shares in connection with the vesting of restricted stock units, performance stock units, restricted stock unit rights or other awards granted under the Company Plans).

(c) Section 4.2(c) of the Company Disclosure Letter sets forth a true and complete list of all holders, as of March 25, 2011, of outstanding Company Stock Options or other rights to purchase or receive Shares or similar rights granted under the Company Stock Plans or otherwise (collectively, Company Stock Awards), indicating as applicable, with respect to each Company Stock Award then outstanding, the type of award granted, the number of Shares subject to such Company Stock Award, the name of the plan under which such Company Stock Award was granted, the date of

grant, exercise or purchase price, vesting schedule, payment schedule (if different from the vesting schedule) and expiration thereof, and whether (and to what extent) the vesting of such Company Stock Award will be accelerated or otherwise adjusted in any way or any other terms will be triggered or otherwise adjusted in any way by the consummation of the transactions contemplated by this Agreement or by the termination of employment or engagement or change in position of any holder thereof following or in connection with the

Table of Contents

Merger. Each Company Stock Option intended to qualify as an incentive stock option under Section 422 of the Code so qualifies and the exercise price of each other Company Stock Option is no less than the fair market value of a Share as determined on the date of grant of such Company Stock Option, and no Company Stock Option is subject to Section 409A of the Code. No Company Stock Options that are outstanding have been granted other than pursuant to the Company Stock Plans. The Company has made available to Parent true and complete copies of all Company Stock Plans and the forms of all stock option agreements evidencing outstanding Company Stock Options.

Section 4.3 Subsidiaries. Section 4.3 of the Company Disclosure Letter sets forth a true and complete list of each Subsidiary of the Company, including its jurisdiction of incorporation or formation. Except for the capital stock of, or other equity or voting interests in, its Subsidiaries, and except as set forth in Section 4.3 of the Company Disclosure Letter, the Company does not own, directly or indirectly, any equity, membership interest, partnership interest, joint venture interest, or other equity or voting interest in, or any interest convertible into, exercisable or exchangeable for any of the foregoing, nor is it under any current or prospective obligation to form or participate in, provide funds to, make any loan, capital contribution, guarantee, credit enhancement or other investment in, or assume any liability or obligation of, any Person.

Section 4.4 Authority.

(a) The Company has all necessary corporate power and authority to execute, deliver and perform its obligations under this Agreement and to consummate the transactions contemplated hereby. The execution, delivery and performance of this Agreement by the Company and the consummation by the Company of the transactions contemplated hereby have been duly authorized by all necessary corporate action on the part of the Company and no other corporate proceedings on the part of the Company are necessary to approve this Agreement or to consummate the transactions contemplated hereby, subject, in the case of the consummation of the Merger and if required by applicable Law, to the adoption and approval of this Agreement by the holders of at least a majority in combined voting power of the outstanding Shares (the Company Stockholder Approval). This Agreement has been duly executed and delivered by the Company and, assuming the due authorization, execution and delivery by Parent and Merger Sub, constitutes a valid and binding obligation of the Company, enforceable against the Company in accordance with its terms (except to the extent that enforceability may be limited by applicable bankruptcy, insolvency, moratorium, reorganization or similar Laws affecting the enforcement of creditors' rights generally or by general principles of equity, and further limited by laws relating to the availability of specific performance, injunctive relief or other equitable remedies).

(b) The Company Board, at a meeting duly called and held, duly adopted resolutions for which all directors present voted in favor of (i) determining that the terms of the Original Agreement, this Agreement, the Offer, the Merger and the other transactions contemplated hereby are fair to and in the best interests of the Stockholders, (ii) approving and declaring advisable the Original Agreement, this Agreement and the transactions contemplated hereby, including the Offer and the Merger, (iii) directing that the Original Agreement and this Agreement be submitted to the stockholders of the Company for adoption and approval and (iv) resolving to recommend that the Stockholders accept the Offer, tender their Shares pursuant to the Offer and vote in favor of the adoption and approval of this Agreement and the transactions contemplated hereby, including the Offer and the Merger (if required by applicable Law), which resolutions have not been subsequently rescinded, modified or withdrawn in any way, except as may be permitted by Section 6.2. The Company is providing to Parent concurrently herewith true and complete copies of the resolutions described herein.

(c) The Company Stockholder Approval is the only vote of the holders of any class or series of the Company's capital stock or other securities required in connection with the consummation of the Merger. No vote of the holders of any other class or series of the Company's capital stock or other securities is required in connection with the consummation of any of the transactions contemplated hereby to be consummated by the Company other than the Merger.

Section 4.5 No Conflict: Consents and Approvals.

(a) The execution, delivery and performance of this Agreement by the Company does not, and (assuming that all consents, approvals, authorizations and other actions described in Section 4.5 of the Company Disclosure Letter

A-20

Table of Contents

have been obtained and all filings and obligations described in Section 4.5 of the Company Disclosure Letter have been made and any waiting periods thereunder have terminated or expired) the consummation of the Offer and the Merger and compliance by the Company with the provisions hereof will not, conflict with, or result in any violation or breach of, or default (with or without notice or lapse of time, or both) under, or give rise to a right of, or result in, termination, cancellation, modification or acceleration of any obligation or to the loss of a benefit under, or result in the creation of any Lien in or upon any of the properties, assets or rights of the Company or any of its Subsidiaries under, or give rise to any increased, additional, accelerated or guaranteed rights or entitlements under, or require any consent, waiver or approval of any Person pursuant to, any provision of (i) the Company Charter or Company Bylaws, or the certificate of incorporation or bylaws (or similar organizational documents) of any Subsidiary of the Company, (ii) any bond, debenture, note, mortgage, indenture, guarantee, license, lease, purchase or sale order or other contract, agreement or other obligation binding on the Company and its Subsidiaries or any of their respective assets, whether oral or written (each, including all amendments thereto, a Contract) to which the Company or any of its Subsidiaries is a party or by which the Company or any of its Subsidiaries or any of their respective properties or assets may be bound or (iii) subject to the governmental filings and other matters referred to in Section 4.5(b), any federal, state, local or foreign law (including common law, FDA Laws, and Foreign Drug Laws), statute, ordinance, rule, code, regulation, order, judgment, injunction, decree or other legally enforceable requirement (Law) applicable to the Company or any of its Subsidiaries or by which the Company or any of its Subsidiaries or any of their respective properties or assets may be bound, except in the case of clauses (ii) and (iii), as, individually or in the aggregate, has not had and would not reasonably be expected to have a Material Adverse Effect.

(b) No consent, approval, order or authorization of, or registration, declaration, filing with or notice to, any federal, state, local or foreign government or subdivision thereof or any other governmental, administrative, judicial, arbitral, legislative, executive, regulatory or self-regulatory authority, instrumentality, agency, commission or body (each, a Governmental Entity) is required by or with respect to the Company or any of its Subsidiaries in connection with the execution, delivery and performance of this Agreement by the Company or the consummation by the Company of the Offer and the Merger or compliance with the provisions hereof, except for (i) such filings and reports as may be required pursuant to the applicable requirements of the Securities Act of 1933, as amended (the Securities Act), the Exchange Act and any other applicable state or federal securities, takeover and blue sky laws, (ii) the filing of the Certificates of Merger with the Florida Secretary of State, as required by the Florida Act, and the California Secretary of State, as required by the CGCL, respectively, and (iii) such other consents, approvals, orders, authorizations, registrations, declarations, filings or notices the failure of which to be obtained or made, individually or in the aggregate, have not had and would not reasonably be expected to have a Material Adverse Effect.

Section 4.6 SEC Reports: Financial Statements.

(a) The Company has filed with or furnished to the SEC on a timely basis true and complete copies of all forms, reports, schedules, statements and other documents filed or required to be filed or furnished by the Company with the SEC since January 1, 2008 (all such documents, together with all exhibits and schedules thereto and all information incorporated therein by reference, the Company SEC Documents). As of their respective filing dates (or, if amended or superseded by a filing prior to the date of the Original Agreement, then on the date of such filing), the Company SEC Documents complied in all material respects with the applicable requirements of the Securities Act, the Exchange Act and the Sarbanes-Oxley Act of 2002 (the Sarbanes-Oxley Act), as in effect on the date such forms, reports and documents were filed, as the case may be, including, in each case, the rules and regulations promulgated thereunder, and none of the Company SEC Documents contained any untrue statement of a material fact or omitted to state a material fact required to be stated therein or necessary in order to make the statements therein, in light of the circumstances under which they were made, not misleading.

(b) The financial statements (including the related notes thereto) included (or incorporated by reference) in the Company SEC Documents (i) have been prepared in all material respects in accordance with generally accepted

accounting principles (GAAP) (except as may be indicated in the notes thereto and, in the case of unaudited statements, as permitted by the rules and regulations of the SEC applicable to Quarterly Reports on Form 10-Q) applied on a consistent basis during the periods involved (except as may be indicated in the notes thereto), (ii) comply as to form in all material respects with applicable accounting requirements and the published rules and regulations of the SEC with respect thereto and (iii) fairly present in all material respects the consolidated financial

A-21

Table of Contents

position of the Company and its Subsidiaries as of the dates thereof and their respective consolidated results of operations and cash flows for the periods then ended (except as may be indicated in the notes thereto and subject, in the case of unaudited statements, to normal and recurring year-end audit adjustments that were not, or are not expected to be, material in amount), all in accordance with GAAP and the applicable rules and regulations promulgated by the SEC. Since December 31, 2010, except as disclosed in the Company SEC Reports filed prior to the date of the Original Agreement, the Company has not made any change in the accounting practices or policies applied in the preparation of its financial statements, except as required by GAAP, SEC rule or policy or applicable Law. The books and records of the Company and its Subsidiaries have been, and are being, maintained in all material respects in accordance with GAAP (to the extent applicable) and any other applicable legal and accounting requirements and reflect only actual transactions.

(c) The Company has established and maintains a system of internal control over financial reporting (as defined in Rules 13a-15(f) and 15d-15(f) under the Exchange Act) that provides reasonable assurance regarding the reliability of financial reporting and the preparation of financial statements for external purposes in accordance with GAAP and includes policies and procedures that: (i) provide for the maintenance of records that in reasonable detail accurately and fairly reflect the transactions and dispositions of the assets of the Company; (ii) provide reasonable assurance that transactions are recorded as necessary to permit preparation of the Company's financial statements in accordance with GAAP, and that receipts and expenditures of the Company are being made only in accordance with authorizations of management and directors of the Company; and (iii) provide reasonable assurance regarding prevention or timely detection of unauthorized acquisition, use or disposition of the Company's assets that could have a material effect on its financial statements.

(d) The Company has established and maintains disclosure controls and procedures (as defined in Rules 13a-15(e) and 15d-15(e) under the Exchange Act). Such disclosure controls and procedures are designed to ensure that information relating to the Company, including its consolidated Subsidiaries, required to be disclosed in the Company's periodic and current reports under the Exchange Act, is made known to the Company's chief executive officer and its chief financial officer by others within those entities to allow timely decisions regarding required disclosures as required under the Exchange Act. The chief executive officer and chief financial officer of the Company have evaluated the effectiveness of the Company's disclosure controls and procedures and, to the extent required by applicable Law, presented in any applicable Company SEC Document that is a report on Form 10-K or Form 10-Q, or any amendment thereto, its conclusions about the effectiveness of the disclosure controls and procedures as of the end of the period covered by such report or amendment based on such evaluation.

(e) Since January 1, 2007, (i) neither the Company nor any of its Subsidiaries nor, to the knowledge of the Company, any director, officer, employee, auditor, accountant or representative of the Company or any of its Subsidiaries has received or otherwise had or obtained knowledge of any complaint, allegation, assertion or claim, whether written or oral, regarding the accounting or auditing practices, procedures, methodologies or methods of the Company or any of its Subsidiaries or their respective internal accounting controls, including any complaint, allegation, assertion or claim that the Company or any of its Subsidiaries has engaged in questionable accounting or auditing practices, and (ii) no attorney representing the Company or any of its Subsidiaries, whether or not employed by the Company or any of its Subsidiaries, has reported evidence of a violation of securities Laws, breach of fiduciary duty or similar violation by the Company or any of its Subsidiaries or any of their respective officers, directors, employees or agents to the Company Board or any committee thereof or to any director or officer of the Company or any of its Subsidiaries.

(f) As of the date of the Original Agreement, there are no outstanding or unresolved comments in the comment letters received from the SEC staff with respect to the Company SEC Documents. To the knowledge of the Company, none of the Company SEC Documents is subject to ongoing review or outstanding SEC comment or investigation. The Company has made available to Parent true, correct and complete copies of all written correspondence between the SEC, on the one hand, and the Company and any of its Subsidiaries, on the other hand, occurring since January 1,

2007.

(g) Except as set forth in Section 4.6(g) of the Company Disclosure Letter and except as disclosed in the Company SEC Documents, neither the Company nor any of its Subsidiaries is a party to, or has any commitment to become a party to, any joint venture, off balance sheet partnership or any similar Contract (including any Contract

A-22

Table of Contents

or arrangement relating to any transaction or relationship between or among the Company and any of its Subsidiaries, on the one hand, and any unconsolidated Affiliate, including any structured finance, special purpose or limited purpose entity or Person, on the other hand), or any off balance sheet arrangements (as defined in Item 303(a) of Regulation S-K under the Exchange Act) that, individually or in the aggregate, exceeds \$10,000.

(h) No Subsidiary of the Company is subject to the reporting requirements of Sections 13 or 15(d) of the Exchange Act.

Section 4.7 No Undisclosed Liabilities. Except to the extent disclosed in the Company SEC Documents filed after the date of the Company's annual report on Form 10-K for the fiscal year ended December 31, 2010 and before the date of the Original Agreement, neither the Company nor any of its Subsidiaries has any liabilities or obligations of any nature, whether accrued, absolute, contingent or otherwise, known or unknown, whether due, or to become due that are required to be recorded or reflected on a balance sheet under GAAP, except for (i) liabilities and obligations under this Agreement or in connection with the transactions contemplated hereby and (ii) liabilities and obligations incurred in the ordinary course of business consistent with past practice.

Section 4.8 Certain Information. Neither the Schedule 14D-9 nor the Proxy Statement will, at the respective times they are first filed with the SEC, amended or supplemented or first published, sent or given to the Stockholders and, in the case of the Proxy Statement, at the time of the Company Stockholders' Meeting, contain any untrue statement of a material fact or omit to state any material fact required to be stated therein or necessary to make the statements therein, in light of the circumstances under which they are made, not misleading. The Schedule 14D-9 and the Proxy Statement will comply as to form in all material respects with the provisions of the Exchange Act. None of the information supplied or to be supplied by or on behalf of the Company specifically for inclusion or incorporation by reference in any of the Offer Documents will, at the respective times they are first filed with the SEC, amended or supplemented or first published, sent or given to the Stockholders, contain any untrue statement of a material fact or omit to state any material fact required to be stated therein or necessary to make the statements therein, in light of the circumstances under which they are made, not misleading. Notwithstanding the foregoing, the Company makes no representation or warranty with respect to statements included or incorporated by reference in the Schedule 14D-9 or the Proxy Statement based on information supplied by or on behalf of Parent or Merger Sub specifically for inclusion or incorporation by reference therein. For purposes of this Agreement, the letter to the Stockholders, notice of meeting, proxy statement and form of proxy and any other soliciting material, or the information statement, as the case may be, to be distributed to the Stockholders in connection with the Merger (including any amendments or supplements) and any schedules required to be filed with the SEC in connection therewith are collectively referred to as the Proxy Statement.

Section 4.9 Absence of Certain Changes or Events. Except as and to the extent disclosed in the Company SEC Documents filed after the date of the Company's annual report on Form 10-K for the fiscal year ended December 31, 2010 and before the date of the Original Agreement, since December 31, 2010 and through the date of the Original Agreement and as set forth in Section 4.9 of the Company Disclosure Letter: (a) the Company and its Subsidiaries have conducted their businesses only in the ordinary course consistent with past practice; (b) there has not been any change, event or development or prospective change, event or development that, individually or in the aggregate, has had or would reasonably be expected to have a Material Adverse Effect; (c) neither the Company nor any of its Subsidiaries has suffered any loss, damage, destruction or other casualty affecting any of its material properties or material assets, whether or not covered by insurance; and (d) none of the Company or any of its Subsidiaries has taken any action since January 1, 2011 that, if taken after the date of the Original Agreement, would constitute a breach of any of the covenants set forth in Section 6.1.

Section 4.10 Litigation. There is no action, suit, claim, arbitration, investigation, inquiry, grievance or other proceeding (each, an Action) (or basis therefor) pending or, to the knowledge of the Company, threatened against or

affecting the Company or any of its Subsidiaries, any of their respective properties or assets and there is no filed litigation against any present or former officer, director or employee of the Company or any of its Subsidiaries in such individual's capacity as such. Neither the Company nor any of its Subsidiaries nor any of their respective properties or assets is subject to any outstanding judgment, order, injunction, rule or decree of any Governmental Entity. There is no Action pending or, to the knowledge of the Company, threatened seeking to prevent, hinder, modify, delay or challenge the transactions contemplated by this Agreement.

A-23

Table of ContentsSection 4.11 Compliance with Laws and Permits.

(a) The Company and each of its Subsidiaries have in effect all material permits, licenses, variances, exemptions, authorizations, operating certificates, franchises, orders and approvals of all Governmental Entities (collectively, Permits) necessary for them to own, lease or operate their properties and assets and to carry on their businesses and operations as now conducted, and no suspension, cancellation or other lapse of any such Permit is pending by or at the behest of any Governmental Entity, or to the Company's knowledge, threatened. All of such Permits shall remain in full force and effect after the Offer and the Merger. Since January 1, 2007, neither the Company nor any of its Subsidiaries has been in violation of (i) any Permits or (ii) except as has not had and would not reasonably be expected to have, individually or in the aggregate, a Material Adverse Effect, any applicable Law not explicitly covered in Section 4.11(b) through 4.11(g), including any consumer protection, equal opportunity, customs, patient confidentiality, health care industry regulation and third-party reimbursement laws including under any federal or state health care program, including but not limited to any Federal Health Care Program as defined in Section 1128B(f) of the U.S. Federal Social Security Act (together with all regulations promulgated thereunder, the SSA), and any similar Laws of any other jurisdiction. Since January 1, 2007, none of the Company or any of its Subsidiaries has received a notice or other written communication alleging or relating to a possible violation of any Law applicable to their businesses, operations, properties or assets or from a Governmental Entity seeking to investigate any such possible violation. The Company is not subject to any continuing liabilities, obligations or other consequences of any nature relating to any noncompliance by the Company with any Laws which occurred prior to January 1, 2007.

(b) Neither the Company nor any of its Subsidiaries is subject to any consent decree from any Governmental Entity. Neither the Company nor any of its Subsidiaries has received any warning letter from the U.S Food and Drug Administration (FDA) or equivalent action from any comparable non-U.S. Governmental Entity since January 1, 2007. Neither the Company nor any of its Subsidiaries has received any communication from any regulatory agency or been notified since January 1, 2007 that any product approval is withdrawn or modified or that such an action is under consideration. Without limiting the foregoing, the Company and each of its Subsidiaries is in compliance, in all material respects, with all current applicable statutes, rules, regulations, guidelines, policies or orders administered or issued by the FDA (FDA Laws) or comparable foreign Governmental Entity (Foreign Drug Laws) including the FDA's Quality System Regulation, 21 C.F.R. Part 820. The Company does not have knowledge of any facts which furnish any reasonable basis for any Form FDA-483 observations or regulatory or warning letters from the FDA, Section 305 notices, or other similar communications from the FDA or comparable foreign entity. Since January 1, 2007, there have been no recalls, detentions, withdrawals, seizures, or termination or suspension of manufacturing requested or threatened relating to the Company's or its Subsidiaries' products, and no field notifications, field corrections or alerts.

(c) The Company's and its Subsidiaries' products, where required, are being marketed in all material respects under valid pre market notifications under Section 510(k) of the Federal Food, Drug and Cosmetic Act, 21 U.S.C. § 360(k), and 21 C.F.R. Part 807, Subpart E (510(k) s) or pre-market approval applications approved by the FDA in accordance with 21 U.S.C. § 360(e) and 21 C.F.R. Part 814 (PMA s). All 510(k) s and PMA s for the Company's and its Subsidiaries' products are exclusively owned by the Company or one of its Subsidiaries, and to the knowledge of the Company, the FDA is not considering limiting, suspending, or revoking any such 510(k) s or PMA s or changing the marketing classification or labeling of any such products. To the Company's knowledge, there is no false information or significant omission in any product application or product-related submission to the FDA or comparable foreign Governmental Entity. The Company and its Subsidiaries have obtained all necessary regulatory approvals from any foreign regulatory agencies related to the products distributed and sold by the Company, and the Company has not received any notice that any Governmental Entity seeks any additional conditions on the distribution or sale of products in a jurisdiction covered by a regulatory approval. To the Company's knowledge, any third party that is a manufacturer, contractor, or agent for the Company or its Subsidiaries is in compliance with all Permits and regulatory approvals from the FDA or comparable Governmental Entity insofar as they pertain to the manufacture of product components or products for the Company or its Subsidiaries.

(d) Neither the Company nor any Subsidiary, nor the officers, directors, managing employees or agents (as those terms are defined in 42 C.F.R. § 1001.1001) of the Company or any Subsidiary: (i) have engaged in any

A-24

Table of Contents

activities which are material violations of, or are cause for civil penalties or mandatory or permissive exclusion under, any federal or state health care Law or any non-U.S. Law of comparable scope, including but not limited to any Federal Health Care Program under Sections 1128, 1128A, 1128B, 1128C, or 1877 of SSA, the federal TRICARE statute (10 U.S.C. § 1071 *et seq.*), the False Claims Act of 1863 (31 U.S.C. § 3729 *et seq.*), the False Statements Accountability Act (18 U.S.C. § 1001), the Program Fraud Civil Remedies Act of 1986 (31 U.S.C. § 3801 *et seq.*), 18 U.S.C. § 287, the anti-fraud and related provisions of the Health Insurance Portability and Accountability Act of 1996 (*e.g.*, 18 U.S.C. §§ 1035 and 1347), or related federal, state or local statutes, or any non-U.S. Law of comparable scope, including knowingly and willfully offering, paying, soliciting or receiving any remuneration (interpreted broadly to include anything of value), directly or indirectly, overtly or covertly, in cash or in kind in return for, or to induce, the purchase, lease, or order, or the arranging for or recommending of the purchase, lease or order, of any item or service for which payment may be made in whole or in part under any such program; (ii) have had a civil monetary penalty assessed against them under Section 1128A of SSA; (iii) have been excluded from participation or debarred under any federal or state health care program (including any Federal Health Care Program), or any comparabl