

EDWARDS LIFESCIENCES CORP
 Form 4
 April 05, 2006

FORM 4

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

OMB APPROVAL

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STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, Section 17(a) of the Public Utility Holding Company Act of 1935 or Section 30(h) of the Investment Company Act of 1940

(Print or Type Responses)

1. Name and Address of Reporting Person *
 MUSSALLEM MICHAEL A

(Last) (First) (Middle)

C/O EDWARDS LIFESCIENCES CORPORATION, ONE EDWARDS WAY

(Street)

IRVINE, CA 92614

(City) (State) (Zip)

2. Issuer Name and Ticker or Trading Symbol
 EDWARDS LIFESCIENCES CORP [EW]

3. Date of Earliest Transaction (Month/Day/Year)
 04/03/2006

4. If Amendment, Date Original Filed(Month/Day/Year)

5. Relationship of Reporting Person(s) to Issuer
 (Check all applicable)
 Director 10% Owner
 Officer (give title below) Other (specify below)
 Chairman of the Board & CEO

6. Individual or Joint/Group Filing(Check Applicable Line)
 Form filed by One Reporting Person
 Form filed by More than One Reporting Person

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

1. Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transaction Code (Instr. 8)	4. Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)	5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)
Common Stock					32,480 ⁽¹⁾	I	By 401(k)
Common Stock	04/03/2006		M ⁽²⁾	14,000 A \$ 10.1955	80,256 ⁽³⁾	D	
Common Stock	04/03/2006		S ⁽²⁾	14,000 D \$ 42.92	66,256 ⁽³⁾	D	
Common Stock	04/04/2006		A	2,366 ⁽⁴⁾ A \$ 0	68,622 ⁽³⁾	D	

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This Form 4 reflects changes in beneficial ownership only; it does not identify other securities of the Issuer beneficially owned by the reporting person.

(4) Reflect unvested restricted stock units granted on April 4, 2006.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, *see* Instruction 6 for procedure.

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