Flynn James E Form SC 13G/A February 14, 2013

SECURITIES AND EXCHANGE COMMISSION Washington, DC 20549

SCHEDULE 13G (Rule 13d-102)

INFORMATION TO BE INCLUDED IN STATEMENTS FILED PURSUANT TO RULES 13d-1(b)(c), AND (d) AND AMENDMENTS THERETO FILED PURSUANT TO RULE 13d-2(b)

(Amendment No. 2) *
Derma Sciences, Inc.

(Name of Issuer)

Common Stock

(Title of Class of Securities)

249827502

(CUSIP Number)

December 31, 2012

(Date of Event which Requires Filing of this Statement)

Check the appropriate box to designate the rule pursuant to which this Schedule is filed:

" Rule 13d-1(b)

x Rule 13d-1(c)

"Rule 13d-1(d)

(Page 1 of 10 Pages)

^{*} The remainder of this cover page shall be filled out for a reporting person's initial filing on this form with respect to the subject class of securities, and for any subsequent amendment containing information which would alter the disclosures provided in a prior cover page.

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The information required in the remainder of this cover page shall not be deemed to be "filed" for the purpose of Section 18 of the Securities Exchange Act of 1934 or otherwise subject to the liabilities of that section of the Act but shall be subject to all other provisions of the Act (however, see the Notes).

CUSIP No. 249827502 13G

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NAME OF REPORTING PERSONS
 I.R.S. IDENTIFICATION NO. OF ABOVE PERSONS (ENTITIES ONLY)

Deerfield Mgmt, L.P.

2. CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP* (a) o (b) \circ

- 3. SEC USE ONLY
- 4. CITIZENSHIP OR PLACE OF ORGANIZATION

0

Delaware

5. SOLE VOTING POWER

NUMBER OF SHARES BENEFICIALLY OWNED BY EACH

6. SHARED VOTING POWER

303,030 (1)

REPORTING PERSON WITH 7. SOLE DISPOSITIVE POWER

8. SHARED DISPOSITIVE POWER

303,030(1)

9. AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON

303,030 (1)

- 10. CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) "EXCLUDES CERTAIN SHARES*
- 11. PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW 9

1.86%

12. TYPE OF REPORTING PERSON*

PN

⁽¹⁾ Comprised of warrants to purchase an aggregate of 303,030 shares of common stock held by Deerfield Special Situations Fund, L.P. and Deerfield Special Situations International Master Fund, L.P., of which Deerfield Mgmt, L.P. is the general partner.

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NAME OF REPORTING PERSONS
 I.R.S. IDENTIFICATION NO. OF ABOVE PERSONS (ENTITIES ONLY)

Deerfield Management Company, L.P.

2. CHECK THE APPROPRIATE BOX IF A MEMBER OF A (a) o GROUP* (b) \circ

- 3. SEC USE ONLY
- 4. CITIZENSHIP OR PLACE OF ORGANIZATION

Delaware

5. SOLE VOTING POWER

NUMBER OF SHARES BENEFICIALLY OWNED BY EACH 0

6. SHARED VOTING POWER

303,030 (2)

REPORTING PERSON WITH 7. SOLE DISPOSITIVE POWER

8. SHARED DISPOSITIVE POWER

303,030 (2)

9. AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON

303,030 (2)

- 10. CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) "EXCLUDES CERTAIN SHARES*
- 11. PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW 9

1.86%

12. TYPE OF REPORTING PERSON*

PN

(2) Comprised of warrants to purchase an aggregate of 303,030 shares of common stock held by Deerfield Special Situations Fund, L.P. and Deerfield Special Situations International Master Fund, L.P., of which Deerfield Management Company, L.P. is the investment advisor.

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NAME OF REPORTING PERSONS
 I.R.S. IDENTIFICATION NO. OF ABOVE PERSONS (ENTITIES ONLY)

Deerfield Special Situations Fund, L.P.

2. CHECK THE APPROPRIATE BOX IF A MEMBER OF A (a) o GROUP* (b) \circ

- 3. SEC USE ONLY
- 4. CITIZENSHIP OR PLACE OF ORGANIZATION

Delaware

5. SOLE VOTING POWER

NUMBER OF SHARES BENEFICIALLY OWNED BY EACH 0

6. SHARED VOTING POWER

118,182 (3)

REPORTING PERSON WITH 7. SOLE DISPOSITIVE POWER

U

8. SHARED DISPOSITIVE POWER

118,182 (3)

9. AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON

118,182 (3)

- 10. CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) "EXCLUDES CERTAIN SHARES*
- 11. PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW 9

0.73%

12. TYPE OF REPORTING PERSON*

PN

(3) Comprised of warrants to purchase 118,182 shares of common stock.

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NAME OF REPORTING PERSONS
 I.R.S. IDENTIFICATION NO. OF ABOVE PERSONS (ENTITIES ONLY)

Deerfield Special Situations International Master Fund, L.P.

2. CHECK THE APPROPRIATE BOX IF A MEMBER OF A (a) o GROUP* (b) \circ

- 3. SEC USE ONLY
- 4. CITIZENSHIP OR PLACE OF ORGANIZATION

British Virgin Islands

5. SOLE VOTING POWER

NUMBER OF SHARES BENEFICIALLY OWNED BY EACH 0

6. SHARED VOTING POWER

184,848 (4)

REPORTING PERSON WITH 7. SOLE DISPOSITIVE POWER

O .

184,848 (4)

9. AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON

SHARED DISPOSITIVE POWER

184,848 (4)

8.

- 10. CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) "EXCLUDES CERTAIN SHARES*
- 11. PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW 9

1.14%

12. TYPE OF REPORTING PERSON*

PN

(4) Comprised of warrants to purchase 184,848 shares of common stock.

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NAME OF REPORTING PERSONS
 I.R.S. IDENTIFICATION NO. OF ABOVE PERSONS (ENTITIES ONLY)

James E. Flynn

2. CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP* (a) o (b) \circ

- 3. SEC USE ONLY
- 4. CITIZENSHIP OR PLACE OF ORGANIZATION

United States

5. SOLE VOTING POWER

NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING 0

6. SHARED VOTING POWER

303,030 (5)

REPORTING PERSON WITH 7. SOLE DISPOSITIVE POWER

0

8. SHARED DISPOSITIVE POWER