

UNITED STATES  
SECURITIES AND EXCHANGE COMMISSION  
WASHINGTON, DC 20549

SCHEDULE 13D  
THE SECURITIES EXCHANGE ACT OF 1934  
(Amendment No. 6)\*

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Strata Skin Sciences, Inc.  
(Name of Issuer)

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Common Stock, \$0.001 par value per share  
(Title of Class of Securities)

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86272A206  
(CUSIP Number)

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Broadfin Capital, LLC  
200 Broadhollow Road, Suite 207  
Melville, NY 11747  
Telephone- (212) 808-2460  
(Name, Address and Telephone Number of Person Authorized to Receive  
Notices and Communications)

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June 22, 2020  
(Date of Event Which Requires Filing of this Statement)

If the filing person has previously filed a statement on Schedule 13G to report the acquisition that is the subject of this Schedule 13D, and is filing this schedule because of ss.240.13d-1(e), 240.13d-1(f) or 240.13d-1(g), check the following box [ ].

Note: Schedules filed in paper format shall include a signed original and five copies of the schedule, including all exhibits. See § 240.13d-7 for other parties to whom copies are to be sent.

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\* 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 disclosures provided in a prior cover page.

The information required on 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 ("Act") 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).

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86272A206

CUSIP No. \_\_\_\_\_

1. NAME OF REPORTING PERSONS  
I.R.S. IDENTIFICATION NOS. OF ABOVE PERSONS (ENTITIES ONLY)

Broadfin Capital, LLC

2. CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP\*

(a)   
(b)

3. SEC USE ONLY

4. SOURCE OF FUNDS

AF, WC

5. CHECK BOX IF DISCLOSURE OF LEGAL PROCEEDINGS IS REQUIRED PURSUANT TO ITEMS 2(d) OR 2(e)

6. CITIZENSHIP OR PLACE OF ORGANIZATION

Delaware

NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH

7. SOLE VOTING POWER

0

8. SHARED VOTING POWER

1,529,392

9. SOLE DISPOSITIVE POWER

0

10. SHARES DISPOSITIVE POWER

1,529,392

11. AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON

1,529,392

12. CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN SHARES\*

13. PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (11)

4.54%

14. TYPE OF REPORTING PERSON

OO, IA

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86272A206

CUSIP No.

1. NAME OF REPORTING PERSONS  
I.R.S. IDENTIFICATION NOS. OF ABOVE PERSONS (ENTITIES ONLY)

Broadfin Healthcare Master Fund, Ltd.

2. CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP\*

(a)   
(b)

3. SEC USE ONLY

4. SOURCE OF FUNDS

AF, WC

5. CHECK BOX IF DISCLOSURE OF LEGAL PROCEEDINGS IS REQUIRED PURSUANT TO ITEMS 2(d) OR 2(e)

6. CITIZENSHIP OR PLACE OF ORGANIZATION

Cayman Islands

NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH

7. SOLE VOTING POWER

0

8. SHARED VOTING POWER

1,529,392

9. SOLE DISPOSITIVE POWER

0

10. SHARES DISPOSITIVE POWER

1,529,392

11. AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON

1,529,392

12. CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN SHARES\*

13. PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (11)

4.54%

14. TYPE OF REPORTING PERSON

CO

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86272A206

CUSIP No. \_\_\_\_\_

1. NAME OF REPORTING PERSONS  
I.R.S. IDENTIFICATION NOS. OF ABOVE PERSONS (ENTITIES ONLY)

Kevin Kotler

2. CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP\*

(a)   
(b)

3. SEC USE ONLY

4. SOURCE OF FUNDS

AF, WC

5. CHECK BOX IF DISCLOSURE OF LEGAL PROCEEDINGS IS REQUIRED PURSUANT TO ITEMS 2(d) OR 2(e)

6. CITIZENSHIP OR PLACE OF ORGANIZATION

United States of America

NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH

7. SOLE VOTING POWER

0

8. SHARED VOTING POWER

1,529,392

9. SOLE DISPOSITIVE POWER

0

10. SHARES DISPOSITIVE POWER

1,529,392

11. AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON

1,529,392

12. CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN SHARES\*

13. PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (11)

4.54%

14. TYPE OF REPORTING PERSON

IN, HC

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Item 1. Security and Issuer.

This statement on Schedule 13D (the "Schedule 13D") relates to the Common Stock, \$.001 par value per share (the "Common Stock"), of Strata Skin Sciences, Inc., a Delaware corporation with its principal executive offices located at 5 Walnut Grove Drive, Suite 140, Horsham, Pennsylvania 19044 (the "Issuer").

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Item 2. Identity and Background.

- (a)-(c), (f) This Schedule 13D is being filed jointly by (i) Broadfin Capital, LLC, a Delaware limited liability company, (ii) Broadfin Healthcare Master Fund, Ltd., an exempted company incorporated and existing under the laws of the Cayman Islands, and (iii) Kevin Kotler, a United States citizen (collectively, the "Reporting Persons").

The principal business address of the Reporting Persons is 200 Broadhollow Road, Suite 207, Melville, NY 11747.

Kevin Kotler is the managing member of Broadfin Capital, LLC, an investment management firm that serves as the investment manager to Broadfin Healthcare Master Fund, Ltd. The principal business of Broadfin Healthcare Master Fund, Ltd. is purchasing, holding and selling securities for investment purposes.

- (d) None of the Reporting Persons has, during the last five years, been convicted in a criminal proceeding (excluding traffic violations or similar misdemeanors).
- (e) None of the Reporting Persons has, during the last five years, been a party to a civil proceeding of a judicial or administrative body of competent jurisdiction and as a result of such proceeding was or is subject to a judgment, decree or final order enjoining future violations of, or prohibiting or mandating activities subject to, Federal or state securities laws or finding any violation with respect to such laws.
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Item 3. Source and Amount of Funds or Other Consideration.

The funds for the purchase of the Shares beneficially owned by the Reporting Persons came from the working capital of Broadfin Healthcare Master Fund, Ltd.

No borrowed funds were used to purchase the Shares, other than any borrowed funds used for working capital purposes (including certain leverage arrangements) in the ordinary course of business.

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Item 4. Purpose of Transaction.

The Reporting Persons hold the securities described in Item 5 of this statement for investment purposes only. The Reporting Persons intend to review their investment in the Issuer on a continuing basis.

No Reporting Person has any present plan or proposal which would relate to or result in any of the matters set forth in subparagraphs (a) - (j) of Item 4 of Schedule 13D.

The Reporting Persons reserve the right to effect transactions that would change the number of shares they may be deemed to beneficially own.

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Item 5. Interest in Securities of the Issuer.

(a)-(c) As of the date hereof, Broadfin Capital, LLC, Broadfin Healthcare Master Fund, Ltd. and Kevin Kotler may be deemed to be the beneficial owner of 1,529,392 shares of Common Stock or 4.54% of the shares of the Common Stock of the Issuer based on 33,714,362 shares of Common Stock issued and outstanding as of May 12, 2020 as reported in the Issuer's 10-Q filed on May 13, 2020.

Each of Broadfin Capital, LLC, Broadfin Healthcare Master Fund, Ltd. and Kevin Kotler has the sole power to vote or direct the vote of 0 shares of Common Stock and the shared power to vote or direct the vote of 1,529,392 shares of Common Stock.

Each of Broadfin Capital, LLC, Broadfin Healthcare Master Fund and Kevin Kotler has the sole power to dispose or direct the disposition of 0 shares of Common Stock and the shared power to dispose or direct the disposition of 1,529,392 shares of Common Stock.

The only transactions in the securities of the Issuer in the last 60 days are the expiration of the warrant for Common Stock of the Issuer which could be exercised for 300,000 shares of Common Stock of the Issuer.

The Reporting Persons specifically disclaim beneficial ownership in the shares of Common Stock reported herein except to the extent of their pecuniary interest therein.

As of June 22, 2020, the Reporting Persons ceased to be the beneficial owner of more than five percent of the class of securities.

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Item 6. Contracts, Arrangements, Understandings or Relationships with Respect to Securities of the Issuer.

The Reporting Persons previously owned a warrant for Common Stock of the Issuer and shares of Series C Convertible Preferred Stock of the Issuer but each of the foregoing securities has expired or been converted.

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Item 7. Material to be Filed as Exhibits.

An agreement relating to the filing of a joint statement as required by Rule 13d-1(f) under the Securities Exchange Act of 1934 is filed herewith as Exhibit A.

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SIGNATURE

After reasonable inquiry and to the best of my knowledge and belief, I certify that the information set forth in this statement is true, complete and correct.

June 23, 2020

(Date)

BROADFIN CAPITAL, LLC

By: /s/ Kevin Kotler  
Kevin Kotler, Managing Member

KEVIN KOTLER

/s/ Kevin Kotler

BROADFIN HEALTHCARE MASTER FUND, LTD.

By: /s/ Kevin Kotler  
Kevin Kotler, Director

Attention: Intentional misstatements or omissions of fact constitute Federal criminal violations (see 18 U.S.C. 1001).

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AGREEMENT

The undersigned agree that this Schedule 13D Amendment, dated June 23, 2020, relating to the Common Stock par value \$0.001 of Strata Skin Sciences, Inc. shall be filed on behalf of the undersigned.

June 23, 2020

\_\_\_\_\_  
(Date)

BROADFIN CAPITAL, LLC

By:       /s/ Kevin Kotler        
      Kevin Kotler, Managing Member

KEVIN KOTLER

      /s/ Kevin Kotler      

BROADFIN HEALTHCARE MASTER FUND, LTD.

By:       /s/ Kevin Kotler        
      Kevin Kotler, Director