VERMILLION, INC. Form SC 13D/A January 22, 2015

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

SCHEDULE 13D

Under the Securities Exchange Act of 1934 (Amendment No. 2)*

Vermillion, Inc. (Name of Issuer)

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

92407M206 (CUSIP Number)

Richard McCormick
688 Pine Street
Burlington, VT 05401
(802) 923-3826
(Name, Address and Telephone Number of Person
Authorized to Receive Notices and Communications)

December 23, 2014 (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 §§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 Rule 13d-7 for other parties to whom copies are to be sent.

* 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.

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 ("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).

CUSI	P No: 92407M206		Page 2 of 8 Pages			
1.	Names of Reporting Persons.					
2.	Birchview Capital, LP Check the Appropriate Box if a Member of a Group					
3.	(a) [] (b) [X] SEC Use Only					
4.	Source of Funds (See Instructions)					
5.	AF Check if Disclosure of Legal Proceedings is Required Pursuant to Items 2(d) or 2(e)					
	[]					
6.	Citizenship or Place of Organization					
	Delaware	7		0		
Owne Repor	es ficially ed by Each	7. 8. 9. 10.	Sole Voting Power Shared Voting Power Sole Dispositive Power Shared Dispositive Power	0 3,134,180* 0 3,134,180*		
11.	Aggregate Amount Beneficially Owned by Each Reporting Person					
	3,134,180*					
12.	Check if the Aggregate Amount in Row (11) Excludes Certain Shares (See Instructions)					
13.	[] Percent of Class Represented by Amount in Row (11)					
14.	7.2% Type of Reporting	g Person:				
	IA, PN					

*This amount includes 416,666 Shares which may be acquired upon exercise of Warrants.

²

CUSI	USIP No: 92407M206		Page 3 of 8 Pages			
1.	Names of Reporting Persons.					
2.	Matthew Strobeck Check the Appropriate Box if a Member of a Group					
3.	(a) [] (b) [X] SEC Use Only					
4.	Source of Funds (See Instructions)					
5.	AF Check if Disclosure of Legal Proceedings is Required Pursuant to Items 2(d) or 2(e)					
	[]					
6.	Citizenship or Place of Organization					
	United States	7.	Sole Voting Power	0		
Number of		8.	Shared Voting Power	3,165,180*		
Share		9.	Sole Dispositive Power	0		
Owne Repor	icially d by Each ting n With	10.	Shared Dispositive Power	3,165,180*		
11.	Aggregate Amount Beneficially Owned by Each Reporting Person					
	3,165,180*					
12.	Check if the Aggregate Amount in Row (11) Excludes Certain Shares (See Instructions)					
13.	[] Percent of Class Represented by Amount in Row (11)					
14.	7.3% Type of Reporting Person:					
	IN, HC					

*This amount includes 416,666 Shares which may be acquired upon exercise of Warrants.

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Item 1.

Security and Issuer

This Amendment No. 2 to Schedule 13D ("Amendment No. 2") amends and supplements the Schedule 13D filed by Matthew Strobeck ("Mr. Strobeck) on June 21, 2013, as amended by Amendment No. 1, filed on September 9, 2014, (the "Schedule 13D") with respect to the Common Stock, par value \$0.001 per share (the "Shares"), of Vermillion, Inc. (the "Issuer" or the "Company"), whose principal executive offices are located at 12117 Bee Caves Road, Building Three, Suite 100, Austin, TX 78738.

Item 2.

Identity and Background

Item 2 of the Schedule 13D is hereby restated in its entirety as follows:

- (a, c) This Schedule 13D is filed on behalf of Birchview Capital, LP ("Birchview") and Mr. Strobeck (together with Birchview, the "Reporting Persons"). This Schedule 13D relates to Shares held for the account of Birchview Fund LLC and Shares held in a separately managed account ("SMA"). Birchview, a registered investment adviser, acts as investment manager to both Birchview Fund LLC and the SMA and, in such capacity, exercises voting and dispositive power over the Shares held for the account of Birchview Fund LLC and in the SMA. Mr. Strobeck is the Chief Investment Officer and majority owner of Birchview, as well as the sole managing member of Birchview Partners, LLC, the general partner of Birchview Fund LLC. In such capacities, Mr. Strobeck and Birchview may be deemed to share beneficial ownership of the Shares held for the account of Birchview Fund LLC and in the SMA.
- (b) The address of the principal office of each of the Reporting Persons is 688 Pine Street, Burlington, VT 05401.
- (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.
- (f) Birchview is a Delaware limited partnership. Mr. Strobeck is a United States citizen.
- Item 3. Source and Amount of Funds or Other Consideration.

Item 3 of the Schedule 13D is hereby amended and supplemented as follows:

A total of \$1,052,082.61 was paid to acquire the Shares and the warrants (the "Warrants") acquired for the account of Birchview Fund LLC pursuant to the Purchase Agreement (defined and described in Item 4 herein). This amount includes \$999,999.36 paid to acquire 694,444 Shares and \$52,083.25 paid to acquire Warrants to purchase 416,666 Shares at an exercise price of \$2.00 per Share. The source of funds used to acquire such Shares and Warrants was the working capital of Birchview Fund LLC.

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Item 4. Purpose of Transaction.

Item 4 of the Schedule 13D is hereby amended and supplemented as follows:

Birchview Fund LLC, along with other individuals and entities, (collectively, the "Investors") entered into a Securities Purchase Agreement (the "Purchase Agreement") with the Company dated December 19, 2014. Pursuant to the terms of the Purchase Agreement, on December 23, 2014, the date of the closing, the Issuer sold an aggregate of 6,944,445 Shares to the Investors for the price of \$1.44 per Share, including 694,444 Shares to Birchview Fund LLC. The Purchase Agreement contains customary terms regarding, among other things, representations and warranties and indemnification. Additionally, under the Purchase Agreement, the Company grants certain registration rights to the Investors. The Company is obligated to use commercially reasonable efforts to file a registration statement on Form S-3 as soon as reasonably practicable, but in any event no later than February 20, 2015, to register the resale of the Shares and the Shares that may be issued pursuant to the Warrants and to effect the registration no later than 90 days after the filing date. With certain exceptions, the Company is obligated to keep the registration statement effective until the later of December 23, 2016, the date by which all Shares and Shares that may be issued pursuant to the Warrants may be sold without volume or manner of sale restrictions which may be applicable to affiliates under Rule 144 or the date by which all Shares and Shares that may be issued pursuant to the Warrants are sold. The Company will be responsible for all of its fees and expenses incurred in connection with registering the Shares.

In addition, pursuant to the terms of the Purchase Agreement, upon closing on December 23, 2014, the Issuer sold Warrants to purchase an aggregate of 4,166,659 Shares to the Investors for the price of \$0.125 per Warrant, including Warrants to purchase 416,666 Shares to Bichview Fund LLC. Warrants may be exercised at an exercise price of \$2.00 per Share. Each Warrant becomes exercisable on or after June 23, 2015. In addition, no Warrant held by any Investor may be exercised to the extent that, after giving effect to such exercise, the Warrant holder (together with any affiliates of the holder and any other persons acting as a group together with the holder or any of the holder's affiliates) would beneficially own in excess of 19.99% of the outstanding Shares. The Warrants expire on December 23, 2017, three years following the date of issuance.

The description and summary of the Purchase Agreement and the Warrants set forth above in this Item 4 do not purport to be complete and are qualified in their entirety by reference to the full text of the Purchase Agreement and Form of Warrant, which are included as Exhibit 5 and Exhibit 6, respectively, to this Amendment No. 2 and are incorporated herein by reference.

Item 5. Interest in Securities of the Issuer

Item 5 of the Schedule 13D is hereby restated in its entirety as follows:

(a) Birchview may be deemed to beneficially own 3,134,180 Shares, representing approximately 7.2% of the total number of Shares outstanding. This amount includes: (i) 2,023,070 Shares held in the SMA; (ii) 694,444 Shares held for the account of Birchview Fund LLC; and (iii) 416,666 Shares obtainable upon exercise of Warrants held for the account of Birchview Fund LLC.

Mr. Strobeck may be deemed to beneficially own 3,165,180 Shares, representing approximately 7.3% of the total number of Shares outstanding. This amount includes: (i) the 3,134,180 Shares beneficially owned by Birchview; and (ii) an additional 31,000 Shares held in custodial accounts in the name of Mr. Strobeck's wife for the benefit of Mr. Strobeck's children.

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(The percentages reported herein are based on a total of 43,526,680 Shares outstanding, which is the sum of: (i) the 36,165,569 Shares reported in the Purchase Agreement as outstanding as of December 18, 2014; (ii) the 6,944,445 Shares issued in connection with the closing of the private placement on December 23, 2014, as reported by the Company in the Current Report on Form 8-K filed by the Company on December 24, 2014; and (iii) the 416,666 Shares issuable upon exercise by the Reporting Persons of the Warrants, which have been added to the total Shares outstanding figure in accordance with Rule 13d-3(d)(1)(i) under the Act.)

- (b) The Reporting Persons have shared power to vote or to direct the vote and to dispose or to direct the disposition of the 2,023,070 Shares held in the SMA, the 694,444 Shares held for the account of Birchview Fund LLC and the 416,666 Shares obtainable upon exercise of Warrants held for the account of Birchview Fund LLC. Mr. Strobeck has shared power to vote or to direct the vote and dispose or to direct the disposition of 31,000 additional Shares held in custodial accounts in the name of Mr. Strobeck's wife for the benefit of Mr. Strobeck's children.
- (c) Upon closing of the private placement on December 23, 2014, and pursuant to the Purchase Agreement described in Item 4 herein, 694,444 Shares were acquired at a price of \$1.44 per Share and Warrants to purchase 416,666 Shares were acquired at a price of \$0.125 per Warrant, all for the account of Birchview Fund LLC.
- (d) See disclosure in Item 2(a) and Item 5(a) of this Amendment No. 2. Except as set forth herein, no person is known to have the right to receive or the power to direct the receipt of dividends from, or the proceeds from the sale of, the Shares that may be deemed to be beneficially owned by the Reporting Persons.
- (e) This Item 5(e) is not applicable.
- Item 6. Contracts, Arrangements, Understandings or Relationships with Respect to Securities of the Issuer.

Item 6 of the Schedule 13D is hereby amended and supplemented as follows:

The response set forth in Item 4 of this Amendment No. 2 is incorporated herein by reference.

Item 7. Material to be Filed as Exhibits.

Item 7 of the Schedule 13D is hereby amended and supplemented as follows:

Exhibit 5: Securities Purchase Agreement (incorporated by reference to Exhibit 99.1 to the Current Report on Form 8-K filed by the Issuer on December 24, 2014)

Exhibit 6: Form of Warrant (incorporated by reference to Exhibit A to the Securities Purchase Agreement filed as Exhibit 99.1 to the Current Report on Form 8-K filed by the Issuer on December 24, 2014)

Exhibit 7: Joint Filing Agreement

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SIGNATURE

After reasonable inquiry and to the best of his knowledge and belief, the undersigned certifies that the information set forth in this statement is true, complete and correct.

Birchview Capital, LP

By: /s/ Matthew Strobeck

Name: Matthew Strobeck

Title: Chief Investment Officer

Matthew Strobeck

By: /s/ Matthew Strobeck

January 22, 2015

Attention: Intentional misstatements or omissions of act constitute federal violations (see 18 U.S.C. 1001).

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EXHIBIT 7

JOINT FILING AGREEMENT

The undersigned hereby agree that the statement on Schedule 13D with respect to the Common Stock of Vermillion, Inc., dated as of January 22, 2015 is, and any amendments thereto (including amendments on Schedule 13G) signed by each of the undersigned shall be, filed on behalf of each of us pursuant to and in accordance with the provisions of Rule 13d-1(k) under the Securities Exchange Act of 1934.

Birchview Capital, LP

By: /s/ Matthew Strobeck

Name: Matthew Strobeck

Title: Chief Investment Officer

Matthew Strobeck

By: /s/ Matthew Strobeck

January 22, 2015