

Radius Health, Inc.  
Form SC 13G  
February 14, 2018  
UNITED STATES  
SECURITIES AND EXCHANGE COMMISSION  
Washington, D.C. 20549

SCHEDULE 13G  
Under the Securities Exchange Act of 1934

RADIUS HEALTH INC

(Name of Issuer)

Common Stock, \$0.0001 par value

(Title of Class of Securities)

750469207

(CUSIP Number)

December 31, 2017

(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)

Rule 13d-1(c)

Rule 13d-1(d)

\* 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 Instructions).

CUSIP No.: 750469207

1 NAME OF REPORTING PERSON  
Consonance Capital Management LP  
I.R.S. IDENTIFICATION NO. OF ABOVE  
PERSON (ENTITIES ONLY)

2 CHECK THE APPROPRIATE BOX IF A  
MEMBER OF A GROUP  
(a)    
(b)

3 SEC USE ONLY

4 CITIZENSHIP OR PLACE OF  
ORGANIZATION  
Delaware, USA

NUMBER OF	5	SOLE VOTING POWER
SHARES		
BENEFICIALLY	6	SHARED VOTING POWER
OWNED BY EACH	2,576,967	
REPORTING	7	SOLE DISPOSITIVE POWER
PERSON WITH		
	8	SHARED DISPOSITIVE POWER
	2,576,967	

9 AGGREGATE AMOUNT BENEFICIALLY  
OWNED BY EACH REPORTING PERSON  
2,576,967

10 CHECK BOX IF THE AGGREGATE  
AMOUNT IN ROW (9) EXCLUDES  
CERTAIN SHARES

11 PERCENT OF CLASS REPRESENTED BY  
AMOUNT IN ROW (9)  
5.78% - Based on 44,591,841 shares of  
common stock outstanding as of October 30,  
2017 as reported in the Issuers Form 10-Q  
filed with the SEC on November 2, 2017.

12 TYPE OF REPORTING PERSON  
IA, PN

CUSIP No.: 750469207

1 NAME OF REPORTING PERSON  
Consonance Capital Opportunity Fund  
Management LP  
I.R.S. IDENTIFICATION NO. OF ABOVE  
PERSON (ENTITIES ONLY)  
47-3018842

2 CHECK THE APPROPRIATE BOX IF A  
MEMBER OF A GROUP  
(a)   
(b)

3 SEC USE ONLY

4 CITIZENSHIP OR PLACE OF  
ORGANIZATION  
Delaware, USA

5 NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH

6 SOLE VOTING POWER  
SHARED VOTING POWER  
72,318

7 SOLE DISPOSITIVE POWER

8 SHARED DISPOSITIVE POWER  
72,318

9 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON  
72,318

10 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES

11 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)  
0.16% - Based on 44,591,841 shares of common stock outstanding as of October 30, 2017 as reported in the Issuers Form 10-Q filed with the SEC on November 2, 2017.

12 TYPE OF REPORTING PERSON  
IA, PN

CUSIP No.: 750469207

1 NAME OF REPORTING PERSON  
Mitchell Blutt  
I.R.S. IDENTIFICATION NO. OF ABOVE  
PERSON (ENTITIES ONLY)

2 CHECK THE APPROPRIATE BOX IF A  
MEMBER OF A GROUP  
(a)   
(b)

3 SEC USE ONLY

4 CITIZENSHIP OR PLACE OF  
ORGANIZATION  
USA

5 NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH

6 SOLE VOTING POWER  
SHARED VOTING POWER  
2,649,285

7 SOLE DISPOSITIVE POWER

8 SHARED DISPOSITIVE POWER  
2,649,285

9 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON  
2,649,285

10 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES

11 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)  
5.94% - Based on 44,591,841 shares of common stock outstanding as of October 30, 2017 as reported in the Issuers Form 10-Q filed with the SEC on November 2, 2017.

12 TYPE OF REPORTING PERSON  
HC, IN

CUSIP No.: 750469207

1 NAME OF REPORTING PERSON  
Consonance Capman GP LLC  
I.R.S. IDENTIFICATION NO. OF ABOVE  
PERSON (ENTITIES ONLY)

2 CHECK THE APPROPRIATE BOX IF A  
MEMBER OF A GROUP  
(a)    
(b)

3 SEC USE ONLY

4 CITIZENSHIP OR PLACE OF  
ORGANIZATION  
Delaware, USA

NUMBER OF	5	SOLE VOTING POWER
SHARES		
BENEFICIALLY	6	SHARED VOTING POWER
OWNED BY EACH	2,649,285	
REPORTING	7	SOLE DISPOSITIVE POWER
PERSON WITH		
	8	SHARED DISPOSITIVE POWER
	2,649,285	

9 AGGREGATE AMOUNT BENEFICIALLY  
OWNED BY EACH REPORTING PERSON  
2,649,285

10 CHECK BOX IF THE AGGREGATE  
AMOUNT IN ROW (9) EXCLUDES  
CERTAIN SHARES

11 PERCENT OF CLASS REPRESENTED BY  
AMOUNT IN ROW (9)  
5.94% - Based on 44,591,841 shares of  
common stock outstanding as of October 30,  
2017 as reported in the Issuers Form 10-Q  
filed with the SEC on November 2, 2017.

12 TYPE OF REPORTING PERSON  
HC, OO

CUSIP No.: 750469207

**ITEM NAME OF ISSUER:**  
**1(a).** RADIUS HEALTH INC

**ITEM ADDRESS OF ISSUER'S PRINCIPAL EXECUTIVE OFFICES:**  
**1(b).** 950 Winter Street  
Waltham, Massachusetts 02451

**ITEM NAME OF PERSON FILING:**  
**2(a).** Consonance Capital Management LP  
Consonance Capital Opportunity Fund Management LP  
Mitchell Blutt  
Consonance Capman GP LLC

**ITEM ADDRESS OF PRINCIPAL BUSINESS OFFICE OR, IF NONE, RESIDENCE:**  
**2(b).** 1370 Avenue of the Americas  
Floor 33  
New York, NY 10019

**ITEM CITIZENSHIP:**  
**2(c).** Consonance Capital Management LP - Delaware, USA  
Consonance Capital Opportunity Fund Management LP - Delaware, USA  
Mitchell Blutt - USA  
Consonance Capman GP LLC - Delaware, USA

**ITEM TITLE OF CLASS OF SECURITIES:**  
**2(d).** Common Stock, \$0.0001 par value

**ITEM CUSIP NUMBER:**  
**2(e).** 750469207

**ITEM 3. IF THIS STATEMENT IS FILED PURSUANT TO SECTION 240.13d-1(b), or 13d-2(b) or (c) CHECK WHETHER THE PERSON FILING IS A:**

- (a) Broker or dealer registered under Section 15 of the Act (15 U.S.C. 78c);
- (b) Bank as defined in Section 3(a)(6) of the Act (15 U.S.C. 78c);
- (c) Insurance company as defined in Section 3(a)(19) of the Act (15 U.S.C. 78c);
- (d) Investment company registered under Section 8 of the Investment Company Act of 1940 (15 U.S.C 80a-8);
- (e) An investment adviser in accordance with 240.13d-1(b)(1)(ii)(E);
- (f) An employee benefit plan or endowment fund in accordance with 240.13d-1(b)(1)(ii)(F);
- (g) A parent holding company or control person in accordance with 240.13d-1(b)(1)(ii)(G);

- (h) A savings associations as defined in Section 3(b) of the Federal Deposit Insurance Act (12 U.S.C. 1813);
- (i) A church plan that is excluded from the definition of an investment company under Section 3(c)(14) of the Investment Company Act of 1940 (15 U.S.C. 80a-3);
- (j) A non-U.S. institution in accordance with 240.13d-1(b)(1)(ii)(J);
- (k) Group, in accordance with 240.13d-1(b)(1)(ii)(K). If filing as a non-U.S. institution in accordance with 240.13d1(b)(1)(ii)(J), please specify the type of institution:

**ITEM 4. OWNERSHIP**

**(a) Amount beneficially owned:**

Consonance Capital Management LP - 2,576,967  
Consonance Capital Opportunity Fund Management LP - 72,318  
Mitchell Blutt - 2,649,285  
Consonance Capman GP LLC - 2,649,285

**(b) Percent of class:**

Consonance Capital Management LP - 5.78%  
Consonance Capital Opportunity Fund Management LP - 0.16%  
Mitchell Blutt - 5.94%  
Consonance Capman GP LLC - 5.94%

**(c) Number of shares as to which the person has:**

(i) sole power to vote or to direct the vote:

(ii) shared power to vote or to direct the vote:

Consonance Capital Management LP - 2,576,967  
Consonance Capital Opportunity Fund Management LP - 72,318  
Mitchell Blutt - 2,649,285  
Consonance Capman GP LLC - 2,649,285

(iii) sole power to dispose or direct the disposition of:

(iv) shared power to dispose or to direct the disposition of:

Consonance Capital Management LP - 2,576,967  
Consonance Capital Opportunity Fund Management LP - 72,318  
Mitchell Blutt - 2,649,285  
Consonance Capman GP LLC - 2,649,285

**ITEM 5. OWNERSHIP OF FIVE PERCENT OR LESS OF A CLASS:**

If this statement is being filed to report the fact that as of the date hereof the reporting person has ceased to be the beneficial owner of more than five percent of the class of securities, check the following .

**ITEM 6. OWNERSHIP OF MORE THAN FIVE PERCENT ON BEHALF OF ANOTHER PERSON:**

The ownership information in Item 4 is incorporated herein by reference.

**ITEM 7. IDENTIFICATION AND CLASSIFICATION OF THE SUBSIDIARY WHICH ACQUIRED THE SECURITY BEING REPORTED ON BY THE PARENT HOLDING COMPANY:**

Not applicable.

**ITEM 8. IDENTIFICATION AND CLASSIFICATION OF MEMBERS OF THE GROUP:**

Not applicable.

**ITEM 9. NOTICE OF DISSOLUTION OF GROUP:**

Not applicable.

**ITEM CERTIFICATION:**

**10.** By signing below I certify that, to the best of my knowledge and belief, the securities referred to above were acquired and are held in the ordinary course of business and were not acquired and are not held for the purpose of or with the effect of changing or influencing the control of the issuer of the securities and were not acquired and are not held in connection with or as a participant in any transaction having that purpose or effect.

CUSIP No.: 750469207

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.

February 14 2018 Consonance Capital Management LP

By:

/s/ Mitchell Blutt

Name:

Mitchell Blutt

Title:

Manager & Member

February 14 2018 Consonance Capital Opportunity Fund Management LP

By:

/s/ Mitchell Blutt

Name:

Mitchell Blutt

Title:

Manager & Member

February 14 2018 Mitchell Blutt

By:

/s/ Mitchell Blutt

Name:

Mitchell Blutt

Title:

Manager & Member

February 14 2018 Consonance Capital Management LP

By:

/s/ Mitchell Blutt

Name:

Mitchell Blutt

Title:

Manager & Member

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

CUSIP No.: 750469207

Item 4. Ownership:

Consonance Capital Master Account LP (Consonance Master) directly holds 2,649,285 shares of the Issuers Common Stock (the Master Account Shares). Consonance Capital Management LP (the Adviser) is the investment adviser of Consonance Master, and pursuant to an investment advisory agreement (the Advisory Agreement), the Adviser exercises voting and investment power over the Master Account Shares held by Consonance Master. Consonance Capman GP LLC (Capman) is the general partner of the Adviser and Mitchell Blutt, as the Manager & Member of Capman and Chief Executive Officer of the Adviser, may be deemed to control Capman and the Adviser. Each of the Adviser, Capman and Mr. Blutt may be deemed to beneficially own the Master Account Shares, but neither the filing of this Schedule 13G nor any of its contents shall be deemed to constitute an admission that any of the Adviser, Capman or Mr. Blutt is the beneficial owner of the Master Account Shares for purposes of Section 13(d) of the Securities Exchange Act of 1934, as amended, or for any other purpose.

A managed account managed by Consonance Capital Opportunity Fund Management LP (Consonance Opportunity) directly holds 72,318 shares of the Issuers Common Stock (the Managed Account Shares). Capman is the general partner of Consonance Opportunity and Mitchell Blutt, as the Manager & Member of Capman, may be deemed to control Capman and Consonance Opportunity. Each of Consonance Opportunity, Capman and Mr. Blutt may be deemed to beneficially own the Managed Account Shares, but neither the filing of this Schedule 13G nor any of its contents shall be deemed to constitute an admission that any of Consonance Opportunity, Capman or Mr. Blutt is the beneficial owner of the Managed Account Shares for purposes of Section 13(d) of the Securities Exchange Act of 1934, as amended, or for any other purpose.

EXHIBIT 99.1

JOINT FILING AGREEMENT

In accordance with Rule 13d-1(k)(1) under the Securities Exchange Act of 1934, as amended, the persons named below agree to the joint filing on behalf of each of them of a Statement on Schedule 13G dated February 14, 2018 (including amendments thereto) with respect to the Common Stock, \$0.0001 par value, of RADIUS HEALTH INC. This Joint Filing Agreement shall be filed as an Exhibit to such Statement. The undersigned acknowledge that each shall be responsible for the timely filing of any amendments to such joint filing and for the completeness and accuracy of the information concerning him or it contained herein and therein, but shall not be responsible for the completeness and accuracy of the information concerning the others.

CONSONANCE CAPITAL MANAGEMENT LP

By: Consonance Capman GP LLC /s/ Mitchell Blutt

Name: Mitchell Blutt

Title: Manager & Member

CONSONANCE CAPITAL OPPORTUNITY FUND MANAGEMENT LP

By: /s/ Mitchell Blutt

Name: Mitchell Blutt

Title: Manager & Member

MITCHELL BLUTT

By: /s/ Mitchell Blutt

Name: Mitchell Blutt

Title: Manager & Member

CONSONANCE CAPMAN GP LLC

By: /s/ Mitchell Blutt

Name: Mitchell Blutt

Title: Manager & Member