

BRENNER LOUIS MD  
 Form 3  
 April 20, 2012

**FORM 3 UNITED STATES SECURITIES AND EXCHANGE COMMISSION**  
**Washington, D.C. 20549**

OMB APPROVAL

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**INITIAL STATEMENT OF 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 *		2. Date of Event Requiring Statement	3. Issuer Name and Ticker or Trading Symbol	
Â BRENNER LOUIS MD		(Month/Day/Year)	Radius Health, Inc. [NONE]	
(Last)	(First)	(Middle)	4. Relationship of Reporting Person(s) to Issuer	5. If Amendment, Date Original Filed(Month/Day/Year)
		11/09/2011		
C/O RADIUS HEALTH, INC.,Â 201 BROADWAY, 6TH FLOOR			(Check all applicable)	
(Street)			<input type="checkbox"/> Director	<input type="checkbox"/> 10% Owner
			<input checked="" type="checkbox"/> Officer	<input type="checkbox"/> Other
			(give title below) (specify below)	
			Chief Medical Officer	
CAMBRIDGE,Â MAÂ 02139			6. Individual or Joint/Group Filing(Check Applicable Line)	
(City)	(State)	(Zip)	<input checked="" type="checkbox"/> Form filed by One Reporting Person	
			<input type="checkbox"/> Form filed by More than One Reporting Person	

**Table I - Non-Derivative Securities Beneficially Owned**

1. Title of Security (Instr. 4)	2. Amount of Securities Beneficially Owned (Instr. 4)	3. Ownership Form: Direct (D) or Indirect (I) (Instr. 5)	4. Nature of Indirect Beneficial Ownership (Instr. 5)
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Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

SEC 1473 (7-02)

**Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB control number.**

**Table II - Derivative Securities Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)**

1. Title of Derivative Security (Instr. 4)	2. Date Exercisable and Expiration Date (Month/Day/Year)	3. Title and Amount of Securities Underlying Derivative Security (Instr. 4)	4. Conversion or Exercise Price of Derivative Security	5. Ownership Form of Derivative Security: Direct (D)	6. Nature of Indirect Beneficial Ownership (Instr. 5)
	Date Exercisable	Expiration Date	Title	Amount or Number of	

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				Shares		or Indirect (I) (Instr. 5)	
Stock Option (Right to Buy)	11/09/2012 <sup>(1)</sup>	12/14/2021	Common Stock	351,400	\$ 3.89	D	Â
Stock Option (Right to Buy)	05/15/2012 <sup>(2)</sup>	12/14/2021	Common Stock	37,600	\$ 3.89	D	Â
Stock Option (Right to Buy)	12/31/2014 <sup>(3)</sup>	12/14/2021	Common Stock	62,700	\$ 3.89	D	Â

## Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
BRENNER LOUIS MD C/O RADIUS HEALTH, INC. 201 BROADWAY, 6TH FLOOR CAMBRIDGE, MA 02139	Â	Â	Â Chief Medical Officer	Â

## Signatures

/s/ Louis Brenner 04/19/2012

\*\*Signature of Reporting Person Date

## Explanation of Responses:

- \* If the form is filed by more than one reporting person, see Instruction 5(b)(v).
  - \*\* Intentional misstatements or omissions of facts constitute Federal Criminal Violations. See 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).
- (1) 25% of the shares subject to the stock option vest on November 9, 2012 and 6.25% of the shares subject to the stock option vest each quarter thereafter.
  - (2) 100% of the shares subject to the option will vest on the date, if any, on which the board of directors of the issuer resolves that a specified number of subjects have been enrolled by a specified date in the Phase 3 study of the issuer's BA058 Injection product.
  - (3) 100% of the shares subject to the option on the date, if any, on which the board of directors of the issuer resolves that a New Drug Application for the issuer's BA058 Injection product has been submitted, on or prior to a specified date, to the United States Food and Drug Administration.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, See Instruction 6 for procedure. Potential persons who are to respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB number.