Foundation Medicine, Inc.

Form 4

January 12, 2015

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

OMB Number:

3235-0287

Expires:

January 31, 2005

0.5

Estimated average burden hours per

OMB APPROVAL

response...

if no longer subject to Section 16. Form 4 or Form 5 obligations

Check this box

SECURITIES Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934,

may continue. See Instruction Section 17(a) of the Public Utility Holding Company Act of 1935 or Section 30(h) of the Investment Company Act of 1940

1(b).

(Print or Type Responses)

1. Name and Address of Reporting Person * Hesslein Robert W.

2. Issuer Name and Ticker or Trading Symbol

5. Relationship of Reporting Person(s) to Issuer

(Last)

(Middle)

(7:m)

Foundation Medicine, Inc. [FMI]

3. Date of Earliest Transaction (Month/Day/Year)

150 SECOND STREET, C/O FOUNDATION MEDICINE, INC.

(Street)

(Ctata)

(First)

01/08/2015

Director 10% Owner _X__ Officer (give title _ Other (specify below)

(Check all applicable)

SVP and General Counsel 6. Individual or Joint/Group Filing(Check

4. If Amendment, Date Original Filed(Month/Day/Year)

Applicable Line)

X Form filed by One Reporting Person Form filed by More than One Reporting

Person

CAMBRIDGE, MA 02141

(City)	(State)	(Zip) Tab	le I - Non-	Derivative	Secui	rities Acqui	red, Disposed of,	or Beneficiall	y Owned
1.Title of Security	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if	3. Transactio	4. Securities Acquired (A) ansactionor Disposed of (D)			5. Amount of Securities	6. Ownership	7. Nature of Indirect
(Instr. 3)	(Manua Buy, Tear)	any (Month/Day/Year)	Code (Instr. 8)	(Instr. 3, 4 and 5)			Beneficially Owned Following	Form: Direct (D) or Indirect	Beneficial Ownership (Instr. 4)
			Code V	Amount	(A) or (D)	Price	Reported Transaction(s) (Instr. 3 and 4)	(I) (Instr. 4)	(msu. 4)
Common Stock	01/08/2015		S (1)	4 000	D)	\$ 23.0329	67,125	D	

(2)

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

Persons who respond to the collection of SEC 1474 information contained in this form are not (9-02)required to respond unless the form displays a currently valid OMB control number.

Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

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1. Title of Derivative Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if any (Month/Day/Year)	4. Transactio Code (Instr. 8)	5. onNumber of Derivative Securities Acquired (A) or Disposed of (D)		ate	7. Title and Amount of Underlying Securities (Instr. 3 and 4)	of ng s	8. Price of Derivative Security (Instr. 5)	9. Nu Deriv Secur Bene Owne Follo Repo Trans (Instr
				Code V	(Instr. 3, 4, and 5) (A) (D)	Date Exercisable	Expiration Date	or Title Nu of	umber		

Reporting Owners

Reporting Owner Name / Address Relationships

Director 10% Owner Officer Other

Hesslein Robert W. 150 SECOND STREET C/O FOUNDATION MEDICINE, INC. CAMBRIDGE, MA 02141

SVP and General Counsel

Signatures

Jason Ryan, as Attorney-in-Fact for Robert W. Hesslein

01/12/2015

**Signature of Reporting Person

Date

Explanation of Responses:

- * If the form is filed by more than one reporting person, see Instruction 4(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) The sale reported in this Form 4 was effected pursuant to a Rule 10b5-1 trading plan adopted by the reporting person on May 21, 2014.
- The price reported in this Column 4 is a weighted average price. The shares were sold in multiple transactions at prices ranging from \$23.00 to \$23.09, inclusive. The reporting person undertakes to provide the Issuer, any security holder of the Issuer, or the staff of the Securities and Exchange Commission, upon request, full information regarding the number of shares sold at each price within the ranges set forth in this footnote.

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.

Reporting Owners 2