MEDICINES CO/DE

Form 4

February 27, 2014

FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB

3235-0287 Number:

January 31, Expires: 2005

OMB APPROVAL

Estimated average burden hours per

response... 0.5

10% Owner

if no longer subject to Section 16. Form 4 or

Check this box

Form 5 obligations may continue. See Instruction

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(b).

1. Name and Address of Reporting Person * SBLENDORIO GLENN

2. Issuer Name and Ticker or Trading Symbol

MEDICINES CO /DE [MDCO]

5. Relationship of Reporting Person(s) to Issuer

(First) (Last)

(Middle)

(Zip)

3. Date of Earliest Transaction

(Check all applicable)

8 SYLVAN WAY

(Month/Day/Year)

_X__ Director X_ Officer (give title Other (specify below)

02/25/2014

President & CFO

(Street) 4. If Amendment, Date Original

(Month/Day/Year)

Filed(Month/Day/Year)

6. Individual or Joint/Group Filing(Check

Applicable Line)

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

Person

PARSIPPANY, NJ 07054

(City)

1. Title of 2. Transaction Date 2A. Deemed Security (Month/Day/Year) Execution Date, if (Instr. 3)

(State)

3. 4. Securities Acquired (A) 5. Amount of Transaction Disposed of (D) Code (Instr. 3, 4 and 5) (Instr. 8)

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned Securities Beneficially Owned Following

7. Nature of Ownership Indirect Form: Beneficial Direct (D) Ownership or Indirect (Instr. 4)

(A)

(D) Price Reported Transaction(s) (Instr. 4)

(Instr. 3 and 4)

Common 02/25/2014 Stock

Code V Amount 4,142 F D (1)

\$ 30,4946

111,798 D

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 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)

(9-02)

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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)	4. Transacti Code (Instr. 8)	5. orNumber of Derivative Securities Acquired (A) or Disposed		ate	7. Titl Amou Under Securi (Instr.	int of lying	8. Price of Derivative Security (Instr. 5)	9. Nu Deriv Secur Bene Owne Follo Repo Trans
				of (D) (Instr. 3, 4, and 5)						(Instr
				4, and 3)	Date	Expiration		Amount		
			Code V	(A) (D)	Exercisable	Date	Title	Number of Shares		

Reporting Owners

Reporting Owner Name / Address	Relationships							
	Director	10% Owner	Officer	Other				
SBLENDORIO GLENN								
8 SYLVAN WAY	X		President & CFO					
PARSIPPANY, NJ 07054								

Signatures

/s/ Stephen M. Rodin, Attorney-in-Fact for Glenn P.

Sblendorio

02/27/2014

**Signature of Reporting Person

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) These shares of common stock were withheld for payment of taxes in connection with the vesting of 10,625 shares of restricted stock from a previously reported grant.

Date

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.

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