Savage Robert G. Form 4 January 10, 2013

FORM 4

OMB APPROVAL

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

OMB 3235-0287 Number:

Check this box if no longer subject to Section 16. Form 4 or

January 31, Expires: 2005

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF **SECURITIES**

Estimated average burden hours per response... 0.5

Form 5 obligations may continue. See Instruction 1(b).

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 * 5. Relationship of Reporting Person(s) to 2. Issuer Name and Ticker or Trading Savage Robert G. Issuer Symbol MEDICINES CO /DE [MDCO] (Check all applicable) (Last) (First) (Middle) 3. Date of Earliest Transaction X_ Director (Month/Day/Year) 10% Owner Officer (give title Other (specify 8 SYLVAN WAY 01/08/2013 below) (Street) 4. If Amendment, Date Original 6. Individual or Joint/Group Filing(Check Filed(Month/Day/Year) Applicable Line) _X_ Form filed by One Reporting Person Form filed by More than One Reporting PARSIPPANY, NJ 07054 Person

(State)

(Zip)

(City)

(3)	()	1 abi	e I - Non-D	erivative	Secur	ities Acqi	uirea, Disposea o	i, or Beneficial	ly Ownea
1.Title of Security	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if	3. Transactio	4. Securi			5. Amount of Securities	6. Ownership Form: Direct	7. Nature of Indirect
(Instr. 3)	, ,	any	Code	(Instr. 3,		` ′	Beneficially	(D) or	Beneficial
		(Month/Day/Year)	(Instr. 8)				Owned	Indirect (I)	Ownership
							Following	(Instr. 4)	(Instr. 4)
					(A)		Reported		
					or		Transaction(s)		
			Code V	Amount	(D)	Price	(Instr. 3 and 4)		
Common Stock	01/08/2013		M	5,000	A	\$ 17.19	31,000	D	
Common Stock (1)	01/08/2013		S	5,000	D	\$ 27.5	26,000	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 (9-02)required to respond unless the form displays a currently valid OMB control number.

Table I. Non Derivative Securities Acquired Disposed of an Panaficially Ov

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. Transactic Code (Instr. 8)	5. Number proof Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	6. Date Exercisable and Expiration Date (Month/Day/Year)		7. Title and Amount of Underlying Securities (Instr. 3 and 4)		
				Code V	(A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares	
Option (right to buy)	\$ 17.19	01/08/2013		M	5,000	(2)	04/22/2013	Common Stock	5,000	

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Reporting Owners

Reporting Owner Name / Address	Relationships						
· · · · · · · · · · · · · · · · · · ·	Director	10% Owner	Officer	Other			
Savage Robert G. 8 SYLVAN WAY PARSIPPANY, NJ 07054	X						

Signatures

/s/ Paul M. Antinori as Attorney-In-Fact for Robert G.
Savage
01/10/2013

**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 common stock sales reported on this Form 4 were effected pursuant to a Rule 10b5-1 program adopted by Mr. Savage on August 6, 2012
- (2) As of 1/8/2013, the original grant (20,000 shares granted on 4/22/2003) was fully vested. After the exercise of the options reported hereby, as of 1/8/2013, the remaining 5,000 shares covered by this option are vested but not exercised.

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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