

Antinori Paul Michael
Form 4
February 21, 2013

FORM 4 UNITED STATES SECURITIES AND EXCHANGE COMMISSION
Washington, D.C. 20549

OMB APPROVAL

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Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

STATEMENT OF CHANGES IN 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 *
Antinori Paul Michael

2. Issuer Name and Ticker or Trading Symbol
MEDICINES CO /DE [MDCO]

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

(Last) (First) (Middle)

3. Date of Earliest Transaction (Month/Day/Year)
02/19/2013

____ Director _____ 10% Owner
 Officer (give title below) _____ Other (specify below)

Sr. VP & General Counsel

8 SYLVAN WAY

(Street)

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

6. Individual or Joint/Group Filing(Check Applicable Line)
 Form filed by One Reporting Person
 Form filed by More than One Reporting Person

PARSIPPANY, NJ 07054

(City) (State) (Zip)

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

1. Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transaction Code (Instr. 8)	4. Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)	5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Ownership (Instr. 4)
			Code	V	Amount	(A) or (D)	Price
Common Stock	02/19/2013		S		569 ⁽¹⁾	D	\$ 31.81 ₍₂₎ 45,469
Common Stock	02/20/2013		M		6,500	A	\$ 18.27 51,969
Common Stock ⁽³⁾	02/20/2013		S		6,500	D	\$ 32.5 45,469

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

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SEC 1474 (9-02)

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

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. Transaction Code (Instr. 8)	5. Number of 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)	8. Amount or Number of Shares
Option (right to buy)	\$ 18.27	02/20/2013		M	6,500	(4) 11/30/2015	Common Stock	6,500

Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
Antinori Paul Michael 8 SYLVAN WAY PARSIPPANY, NJ 07054			Sr. VP & General Counsel	

Signatures

/s/ Paul M. Antinori 02/21/2013

**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) Represents the number of shares sold to cover the tax expense associated with the vesting of restricted shares held by Mr. Antinori pursuant to his Restricted Stock Agreements with the Company.
- (2) The range of prices for the transactions reported on this line is between \$31.77 and \$31.88 per share. The price reported above reflects the weighted average sales price. The undersigned undertakes, upon request by the Commission staff, the issuer or a security holder of the issuer, to provide full information regarding the number of shares sold at each separate price.
- (3) The common stock sales reported on this line of the Form 4 were effected pursuant to a Rule 10b5-1 program adopted by Mr. Antinori on August 10, 2012.
- (4) As of 2/20/2013, the original grant (12,500 shares granted on 11/30/2005) was fully vested. After the exercise of the options reported hereby, as of 2/20/2013, all shares covered by this option have been exercised.

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Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, *see* Instruction 6 for procedure.
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