

MEDICINES CO /DE  
Form 3  
February 23, 2005

**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 <b>and</b> Ticker or Trading Symbol
Â Antinori Paul Michael	(Month/Day/Year) 02/22/2005	MEDICINES CO /DE [MDCO]
(Last) (First) (Middle)		
		4. Relationship of Reporting Person(s) to Issuer
		5. If Amendment, Date Original Filed(Month/Day/Year)

THE MEDICINES  
COMPANY,Â 8 CAMPUS  
DRIVE

(Check all applicable)

Director  10% Owner  
 Officer  Other  
(give title below) (specify below)  
VP and General Counsel

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

(Street)  
  
PARSIPPANY,Â NJÂ 07054  
  
(City) (State) (Zip)

**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)
Common Stock	964	D	Â

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

SEC 1473 (7-02)

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**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	5. Ownership Form of Derivative Security:	6. Nature of Indirect Beneficial Ownership (Instr. 5)
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	Date Exercisable	Expiration Date	Title	Amount or Number of Shares	Security	Direct (D) or Indirect (I) (Instr. 5)	
Option (right to buy)	Â <u>(1)</u>	05/02/2012	Common Stock	50,000	\$ 9.13	D	Â
Option (right to buy)	Â <u>(2)</u>	12/10/2012	Common Stock	8,000	\$ 15.5	D	Â
Option (right to buy)	Â <u>(3)</u>	12/19/2013	Common Stock	6,000	\$ 27.81	D	Â
Option (right to buy)	Â <u>(4)</u>	08/03/2014	Common Stock	36,000	\$ 23.77	D	Â
Option (right to buy)	Â <u>(5)</u>	12/14/2014	Common Stock	23,500	\$ 28.02	D	Â

## Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
Antinori Paul Michael THE MEDICINES COMPANY 8 CAMPUS DRIVE PARSIPPANY, NJ 07054	Â	Â	Â VP and General Counsel	Â

## Signatures

/s/ Paul M. Antinori 02/23/2005

\*\*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) As of 2/22/05, the original grant (50,000 shares granted on 5/2/02) was vested with respect to 34,375 of the shares covered thereby. As of 2/22/05, 28,125 shares covered by this option were vested but not exercised and the remaining 15,625 of the shares covered by this option vest in equal monthly installments ending on 5/2/06.

(2) As of 2/22/05, the original grant (8,000 shares granted on 12/10/02) was vested with respect to 4,333 of the shares covered thereby. As of 2/22/05, 833 shares covered by this option were vested but not exercised and the remaining 3,667 of the shares covered by this option vest in equal monthly installments ending on 12/10/06.

(3) As of 2/22/05, the original grant (6,000 shares granted on 12/19/03) was vested with respect to 1,750 of the shares covered thereby. As of 2/22/05, 1750 shares were vested but not exercised and the remaining 4,250 of the shares covered by this option vest in equal montly installments ending on 12/19/07.

(4) As of 2/22/05, the original grant (36,000 shares granted on 8/3/04) was vested with respect to 4,500 of the shares covered thereby. As of 2/22/05, 4,500 shares were vested but not exercised and the remaining 31,500 of the shares covered by this option vest in equal monthly installments ending on 8/3/08.

(5) As of 2/22/05, the original grant (23,500 shares granted on 12/14/04) was vested with respect to 979 of the shares covered thereby. As of 2/22/05, 979 shares were vested but not exercised and the remaining 22,521 of the shares covered by this option vest in equal montly

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installments ending on 12/14/08.

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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