MEDICINES CO/DE

Form 4

September 21, 2011

FORM 4

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

OMB 0005

Expires:

Number: 3235-0287

January 31,

OMB APPROVAL

Estimated average

burden hours per response... 0.5

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF
16.
4 or
5. Elled purposent to Section 16(a) of the Securities Evolution Act of 1024.

Form 5 obligations 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 Addr SBLENDORIC	•	ng Person *	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	(Check an approact)		
			(Month/Day/Year)	X Director 10% Owner		
8 SYLVAN WAY			09/19/2011	X Officer (give title Other (specified below) Executive VP & CFO		
(Street)			4. If Amendment, Date Original	6. Individual or Joint/Group Filing(Check		
PARSIPPANY	, NJ 07054		Filed(Month/Day/Year)	Applicable Line) _X_ Form filed by One Reporting Person Form filed by More than One Reportin Person		

(City)	(State)	Zip) Table	e I - Non-D	erivative	Secur	ities Acq	uired, Disposed of	f, or Beneficial	ly Owned
1.Title of Security (Instr. 3)	2. Transaction Date 2A. Deemed (Month/Day/Year) Execution Date, if any (Month/Day/Year)		3. 4. Securities Acquired Transaction(A) or Disposed of (D) Code (Instr. 3, 4 and 5) (Instr. 8)			Owned Indirect (I) Ownershi Following (Instr. 4) (Instr. 4)	Indirect Beneficial Ownership		
			Code V	Amount	(A) or (D)	Price	Reported Transaction(s) (Instr. 3 and 4)		
Common Stock	09/19/2011		M	625	A	\$ 7.31	70,862	D	
Common Stock (1)	09/19/2011		S	625	D	\$ 15.22	70,237	D	

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)	4. Transactio Code (Instr. 8)	5. Number Doof Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	6. Date Exerc Expiration D (Month/Day/	ate	7. Title and A Underlying S (Instr. 3 and	Securities	8. Pri Deriv Secur (Instr
			Code V	(A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares	
Option (right to buy)	\$ 7.31	09/19/2011	M	625	(2)	02/19/2020	Common Stock	625	\$ 7

Reporting Owners

Reporting Owner Name / Address	Relationships						
reporting owner runne, runness	Director	10% Owner	Officer	Other			
SBLENDORIO GLENN 8 SYLVAN WAY PARSIPPANY, NJ 07054	X		Executive VP & CFO				

Signatures

/s/ Paul M. Antinori as Attorney-In-Fact for Glenn
Sblendorio
09/21/2011

**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. Sblendorio on February 18, 2011.
- As of 9/19/2011, the original grant (30,000 shares granted on 2/19/2010) was vested with respect to 11,875 of the shares covered thereby and the remaining 18,125 shares covered by this option vest in equal monthly installments ending on 02/19/2014. After the exercise of the options reported hereby, as of 09/19/2011, 1,250 of the shares covered by the option were 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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