MEDICINES CO/DE

Form 4

September 02, 2010

FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB Number:

3235-0287

Expires:

January 31, 2005

0.5

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OMB APPROVAL

response...

if no longer subject to Section 16. Form 4 or Form 5

obligations

may continue.

See Instruction

Check this box

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

1(b).

(City)

(State)

(Zin)

(Print or Type Responses)

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 (Check all applicable)			
(Last)	(First)	(Middle)	3. Date of Earliest Transaction	(Chook an approacto)			
8 SYLVAN WAY			(Month/Day/Year) 08/31/2010	Director 10% Owner Selfont of the policy below below) Executive VP & CFO			
(Street)			4. If Amendment, Date Original Filed(Month/Day/Year)	6. Individual or Joint/Group Filing(Check Applicable Line) _X_ Form filed by One Reporting Person			
PARSIPPANY	, NJ 07054			Form filed by More than One Reporting Person			

(City)	(State) (.	Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned								
1.Title of	2. Transaction Date	2A. Deemed	3.	4. Securi	ities A	cquired	5. Amount of	6. Ownership	7. Nature of	
Security	(Month/Day/Year)	/Year) Execution Date, if		n(A) or Disposed of			Securities	Form: Direct	Indirect	
(Instr. 3)		any Code		(D)			Beneficially	(D) or	Beneficial	
		(Month/Day/Year)	(Instr. 8)	(Instr. 3,	str. 3, 4 and 5)		Owned	Indirect (I)	Ownership	
							Following	(Instr. 4)	(Instr. 4)	
					(4)		Reported			
					(A)		Transaction(s)			
			Code V	Amount	or (D)	Price	(Instr. 3 and 4)			
Common Stock	08/31/2010		<u>J(1)</u>	130	A	\$ 6.22	79,451	D		

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

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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. Transaction Code (Instr. 8)	5. onNumber of Derivative Securities Acquired (A) or Disposed of (D)		ate	Amount Underly Securiti	7. Title and Amount of Underlying Securities (Instr. 3 and 4)	8. Price of Derivative Security (Instr. 5)	9. Nu Deriv Secur Bene Owne Follo Repo Trans (Instr
				Code V	(Instr. 3, 4, and 5) (A) (D)	Date Exercisable	Expiration Date	Title N	Amount or Number of Shares		

Reporting Owners

Reporting Owner Name / Address Relationships

Director 10% Owner Officer Other

SBLENDORIO GLENN 8 SYLVAN WAY PARSIPPANY, NJ 07054

Executive VP & CFO

Signatures

Glenn

Sblendorio 09/01/2010

**Signature of Person Date

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) Acquired under The Medicines Company employee stock purchase plan on 8/31/2010.

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.

Reporting Owners 2