MEDICINES CO /DE Form 3 December 03, 2004 UNITED STATES SECURITIES AND EXCHANGE COMMISSION FORM 3 Washington, D.C. 20549 OMB

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

OMB APPROVAL

3235-0104 Number: January 31, Expires: 2005 Estimated average burden hours per 0.5 response...

(Print or Type Responses)

1. Name and Address of Reporting Person [*] Kelley John P		2. Date of Event Requiring Statement (Month/Day/Year)	3. Issuer Name and Ticker or Trading Symbol MEDICINES CO /DE [MDCO]				
(Last) (Fi	rst) (Middle)	12/01/2004	4. Relationship Person(s) to Iss		5. If Amendment, Date Original Filed(Month/Day/Year)		
THE MEDICIN COMPANY, 8 DRIVE (St			Director X Officer (give title below)	Il applicable) <u>10% C</u> <u>000</u> Other (specify belo nt and COO	Dwner 6. Individual or Joint/Group		
PARSIPPANY	NJ 07054				Person Form filed by More than One Reporting Person		
(City) (St	ate) (Zip)	Table I - N	on-Derivativ	ve Securiti	es Beneficially Owned		
1.Title of Security (Instr. 4)		2. Amount of Beneficially (Instr. 4)	Owned	3. Ownership Form: Direct (D) or Indirect (I) (Instr. 5)	4. Nature of Indirect Beneficial Ownership (Instr. 5)		
Reminder: Report or owned directly or ind	directly. Persons who resp	ch class of securities benefici bond to the collection of ined in this form are not	, SE(C 1473 (7-02))		
	required to respon	nd unless the form displand IB control number.					
Table	II - Derivative Secur	ities Beneficially Owned (e.	g., puts, calls, w	varrants, opt	ions, 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	5. Ownership Form of Derivative	6. Nature of Indirect Beneficial Ownership (Instr. 5)
	Date Exercisable	Expiration Date	Title	Amount or Number of	Derivative Security	Security: Direct (D)	

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Shares

or Indirect (I) (Instr. 5)

Reporting Owners

Reporting Owner Name / Address	Relationships					
	Director	10% Owner	Officer	Other		
Kelley John P THE MEDICINES COMPANY 8 CAMPUS DRIVE PARSIPPANY, NJ 07054	Â	Â	President and COO	Â		
Signatures						
John P. Kelley 12/03	/2004					
^{**} Signature of Da Reporting Person	ate					
Explanation of Reg	enon	2021				

Explanation of Responses:

No securities are beneficially owned

- * 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).

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.