Cox Christopher T Form 4 November 19, 2018

FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB APPROVAL

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obligations

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

may continue.

See Instruction

30(h) of the Investment Company Act of 1940

1(b).

(Print or Type Responses)

1. Name and Address of Reporting Person ** Cox Christopher T			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	(Shooth an applicable)			
8 SYLVAN WAY (Street)			(Month/Day/Year) 11/16/2018	Director 10% Owner _X Officer (give title Other (specify below) EVP & Chief Corp. Dev. Officer			
			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			
PARSIPPAN	Y, NJ 0705	4		Form filed by More than One Reporting Person			

(City)	(State)	(Zip) Table	e I - Non-D	erivative S	Securi	ties Acqu	ired, Disposed of	, or Beneficiall	y Owned
1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transactio Code (Instr. 8)	4. Securities Acquired n(A) or Disposed of (D) (Instr. 3, 4 and 5) (A) or Amount (D) Price		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 Indirect Beneficial Ownership (Instr. 4)	
Common Stock	11/16/2018		P	50,300	A	\$ 19.73	221,455	I	See footnote (1)
Common Stock							60,308	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	2. Conversion	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if	4. Transacti	5. orNumber	6. Date Exerc Expiration D		7. Title Amount		8. Price of Derivative	9. Nu Deriv
Security (Instr. 3)	or Exercise Price of Derivative Security	Exercise ce of civative	any (Month/Day/Year)	Code (Instr. 8)	of	(Month/Day/Year) e s		Underlying Securities (Instr. 3 and 4)	Security (Instr. 5)	Secur Bene Owne Follo Repo Trans (Instr	
				Code V	(A) (D)	Date Exercisable	Expiration Date	Title N	Amount or Number of Shares		

Reporting Owners

Relationships Reporting Owner Name / Address

> Other Director 10% Owner Officer

Cox Christopher T 8 SYLVAN WAY PARSIPPANY, NJ 07054

EVP & Chief Corp. Dev. Officer

Signatures

/s/ Stephen M. Rodin, Attorney-in-Fact for Christopher

T. Cox 11/19/2018

> **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).
- The shares are held by a trust of which the reporting person is the trustee. The reporting person disclaims beneficial ownership of the shares held by this account except to the extent of his pecuniary interest therein.

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