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MEDICINES CO /DE  
Form SC 13G/A  
February 01, 2007

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OMB APPROVAL  
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OMB Number: 3235-0145  
Expires: February 28, 2009  
Estimated average burden  
hours per response....10.4  
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UNITED STATES  
SECURITIES AND EXCHANGE COMMISSION  
Washington, DC 20549

SCHEDULE 13G

Under the Securities Exchange Act of 1934  
(Amendment No. 1)\*

The Medicines Company

-----  
(Name of Issuer)

Common Stock, par value \$0.001 per share

-----  
(Title of Class of Securities)

584688105

-----  
(CUSIP Number)

December 31, 2006

-----  
(Date of Event which Requires Filing of this Statement)

Check the appropriate box to designate the rule pursuant to which this Schedule is filed:

Rule 13d-1(b)  
 Rule 13d-1(c)  
 Rule 13d-1(d)

\* The remainder of this cover page shall be filled out for a reporting person's initial filing on this form with respect to the subject class of securities, and for any subsequent amendment containing information which would alter the disclosures provided in a prior cover page.

The information required in the remainder of this cover page shall not be deemed to be "filed" for the purpose of Section 18 of the Securities Exchange Act of 1934 ("Act") or otherwise subject to the liabilities of that section of the Act but shall be subject to all other provisions of the Act (however, see the Notes).

(Continued on following pages)

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=====  
CUSIP No. 584688105  
=====

-----  
1 NAMES OF REPORTING PERSONS  
I.R.S. IDENTIFICATION NO. OF ABOVE PERSONS (ENTITIES ONLY)

Farallon Capital Partners, L.P.

-----  
2 CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (See Instructions)  
(a) [ ]  
(b) [ X ]\*\*

\*\* The reporting persons making this filing hold an aggregate of 2,216,800 Shares, which is 4.4% of the class of securities. The reporting person on this cover page, however, is a beneficial owner only of the securities reported by it on this cover page.

3 SEC USE ONLY

-----  
4 CITIZENSHIP OR PLACE OF ORGANIZATION  
California

	5	SOLE VOTING POWER
NUMBER OF		-0-
SHARES		-----
BENEFICIALLY	6	SHARED VOTING POWER
OWNED BY		383,800
EACH		-----
REPORTING	7	SOLE DISPOSITIVE POWER
PERSON WITH		-0-
		-----
	8	SHARED DISPOSITIVE POWER
		383,800

-----  
9 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON  
383,800

-----  
10 CHECK IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES  
CERTAIN SHARES (See Instructions) [ ]

-----  
11 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)  
0.8%

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-----  
 TYPE OF REPORTING PERSON (See Instructions)  
 12 PN  
 -----

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=====  
 CUSIP No. 584688105  
 =====

-----  
 NAMES OF REPORTING PERSONS  
 1 I.R.S. IDENTIFICATION NO. OF ABOVE PERSONS (ENTITIES ONLY)  
 Farallon Capital Institutional Partners, L.P.  
 -----

CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (See Instructions)  
 (a) [ ]  
 (b) [ X ]\*\*  
 2

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-----  
 3 SEC USE ONLY  
 -----

-----  
 CITIZENSHIP OR PLACE OF ORGANIZATION  
 4 California  
 -----

		5	SOLE VOTING POWER
NUMBER OF			-0-

		6	SHARED VOTING POWER
SHARES			322,900
BENEFICIALLY OWNED BY			

		7	SOLE DISPOSITIVE POWER
EACH			-0-
REPORTING PERSON WITH			

		8	SHARED DISPOSITIVE POWER
			322,900

-----  
 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON  
 9 322,900  
 -----

-----  
 CHECK IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES (See Instructions)  
 10  
 -----

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[ ]

```

=====
11 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)
    0.6%
=====
12 TYPE OF REPORTING PERSON (See Instructions)
    PN
=====

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=====
CUSIP No. 584688105
=====

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```

=====
1 NAMES OF REPORTING PERSONS
  I.R.S. IDENTIFICATION NO. OF ABOVE PERSONS (ENTITIES ONLY)

  Farallon Capital Institutional Partners II, L.P.
=====

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```

=====
2 CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (See Instructions)
                                     (a) [ ]
                                     (b) [ X ]**

    ** The reporting persons making this filing hold an
       aggregate of 2,216,800 Shares, which is 4.4% of the
       class of securities. The reporting person on this
       cover page, however, is a beneficial owner only of
       the securities reported by it on this cover page.
=====

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=====
3 SEC USE ONLY
=====

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```

=====
4 CITIZENSHIP OR PLACE OF ORGANIZATION

  California
=====

```

```

=====
5 SOLE VOTING POWER
  NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH
  -0-
=====
6 SHARED VOTING POWER
  34,500
=====
7 SOLE DISPOSITIVE POWER
  -0-
=====
8 SHARED DISPOSITIVE POWER
  34,500
=====

```

AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON

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9

34,500

10

CHECK IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES (See Instructions)

[ ]

11

PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)

0.1%

12

TYPE OF REPORTING PERSON (See Instructions)

PN

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13G

=====  
CUSIP No. 584688105  
=====

1

NAMES OF REPORTING PERSONS

I.R.S. IDENTIFICATION NO. OF ABOVE PERSONS (ENTITIES ONLY)

Farallon Capital Institutional Partners III, L.P.

2

CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (See Instructions)

(a) [ ]

(b) [ X ]\*\*

\*\*

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3

SEC USE ONLY

4

CITIZENSHIP OR PLACE OF ORGANIZATION

Delaware

SOLE VOTING POWER

5

NUMBER OF

-0-

SHARES  
BENEFICIALLY  
OWNED BY

6

SHARED VOTING POWER

25,900

EACH

7

SOLE DISPOSITIVE POWER

REPORTING  
PERSON WITH

-0-

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SHARED DISPOSITIVE POWER

8

25,900

-----  
AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON

9

25,900

-----  
CHECK IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES  
CERTAIN SHARES (See Instructions)

10

[ ]

-----  
PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)

11

0.1%

-----  
TYPE OF REPORTING PERSON (See Instructions)

12

PN

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13G

=====  
CUSIP No. 584688105  
=====

-----  
NAMES OF REPORTING PERSONS

1

I.R.S. IDENTIFICATION NO. OF ABOVE PERSONS (ENTITIES ONLY)

Tinicum Partners, L.P.

-----  
CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (See Instructions)

2

(a) [ ]

(b) [ X ]\*\*

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-----  
3 SEC USE ONLY

-----  
CITIZENSHIP OR PLACE OF ORGANIZATION

4

New York

-----  
5

SOLE VOTING POWER

NUMBER OF

-0-

-----  
6

SHARED VOTING POWER

SHARES  
BENEFICIALLY  
OWNED BY

12,900

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```

=====
EACH                               SOLE DISPOSITIVE POWER
7
REPORTING                           -0-
PERSON WITH                          -----
8
                                   SHARED DISPOSITIVE POWER
                                   12,900
-----
9
AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON
12,900
-----
10
CHECK IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES
CERTAIN SHARES (See Instructions)
[ ]
-----
11
PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)
0.0%
-----
12
TYPE OF REPORTING PERSON (See Instructions)
PN
=====

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=====
CUSIP No. 584688105
=====

```

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-----
1
NAMES OF REPORTING PERSONS
I.R.S. IDENTIFICATION NO. OF ABOVE PERSONS (ENTITIES ONLY)

Farallon Capital Offshore Investors II, L.P.
-----

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```

2
CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (See Instructions)
(a) [ ]
(b) [ X ]**

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aggregate of 2,216,800 Shares, which is 4.4% of the
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3
SEC USE ONLY
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4
CITIZENSHIP OR PLACE OF ORGANIZATION

Cayman Islands
-----

```

```

5
SOLE VOTING POWER
-----

```

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NUMBER OF	-0-	
SHARES		SHARED VOTING POWER
BENEFICIALLY OWNED BY EACH	6	427,617
REPORTING PERSON WITH	7	SOLE DISPOSITIVE POWER
		-0-
	8	SHARED DISPOSITIVE POWER
		427,617

---

9 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON

427,617

---

10 CHECK IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES (See Instructions)

[ ]

---

11 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)

0.8%

---

12 TYPE OF REPORTING PERSON (See Instructions)

PN

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13G

=====  
 CUSIP No. 584688105  
 =====

1 NAMES OF REPORTING PERSONS

I.R.S. IDENTIFICATION NO. OF ABOVE PERSONS (ENTITIES ONLY)

Farallon Capital Management, L.L.C.

2 CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (See Instructions)

(a) [ ]

(b) [ X ]\*\*

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CITIZENSHIP OR PLACE OF ORGANIZATION

4

Delaware

		SOLE VOTING POWER
NUMBER OF	5	-0-
SHARES		SHARED VOTING POWER
BENEFICIALLY OWNED BY	6	1,009,183
EACH		SOLE DISPOSITIVE POWER
REPORTING PERSON WITH	7	-0-
		SHARED DISPOSITIVE POWER
	8	1,009,183

9 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON

1,009,183

10 CHECK IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES (See Instructions)

[ ]

11 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)

2.0%

12 TYPE OF REPORTING PERSON (See Instructions)

IA, OO

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13G

=====  
CUSIP No. 584688105  
=====

1 NAMES OF REPORTING PERSONS  
I.R.S. IDENTIFICATION NO. OF ABOVE PERSONS (ENTITIES ONLY)

Farallon Partners, L.L.C.

2 CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (See Instructions)

(a) [ ]

(b) [ X ]\*\*

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only of the securities reported by it on this cover page.

-----

3 SEC USE ONLY

-----

CITIZENSHIP OR PLACE OF ORGANIZATION

4 Delaware

-----

	5	SOLE VOTING POWER
NUMBER OF		-0-
SHARES		-----
BENEFICIALLY	6	SHARED VOTING POWER
OWNED BY		1,207,617
EACH		-----
REPORTING	7	SOLE DISPOSITIVE POWER
PERSON WITH		-0-
		-----
	8	SHARED DISPOSITIVE POWER
		1,207,617

-----

9 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON

1,207,617

-----

10 CHECK IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES (See Instructions) [ ]

-----

11 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)

2.4%

-----

12 TYPE OF REPORTING PERSON (See Instructions)

00

-----

13G

=====  
CUSIP No. 584688105  
=====

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1 NAMES OF REPORTING PERSONS  
I.R.S. IDENTIFICATION NO. OF ABOVE PERSONS (ENTITIES ONLY)

Chun R. Ding

-----

CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (See Instructions)  
(a) [ ]

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(b) [ X ]\*\*

2

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3 SEC USE ONLY

4 CITIZENSHIP OR PLACE OF ORGANIZATION

United States

SOLE VOTING POWER

5 NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH -0-

SHARED VOTING POWER

6 2,216,800

SOLE DISPOSITIVE POWER

7 -0-

SHARED DISPOSITIVE POWER

8 2,216,800

9 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON

2,216,800

10 CHECK IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES (See Instructions)

[ ]

11 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)

4.4%

12 TYPE OF REPORTING PERSON (See Instructions)

IN

13G

CUSIP No. 584688105

NAMES OF REPORTING PERSONS

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1 I.R.S. IDENTIFICATION NO. OF ABOVE PERSONS (ENTITIES ONLY)

William F. Duhamel

-----  
CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (See Instructions)

(a) [ ]  
(b) [ X ]\*\*

2

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3 SEC USE ONLY

-----  
CITIZENSHIP OR PLACE OF ORGANIZATION

4

United States

-----  
SOLE VOTING POWER

5  
NUMBER OF -0-

-----  
SHARED VOTING POWER

6  
SHARES 2,216,800  
BENEFICIALLY OWNED BY

-----  
SOLE DISPOSITIVE POWER

7  
EACH -0-  
REPORTING PERSON WITH

-----  
SHARED DISPOSITIVE POWER

8  
2,216,800

-----  
AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON

9

2,216,800

-----  
CHECK IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES (See Instructions)

10

[ ]

-----  
PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)

11

4.4%

-----  
TYPE OF REPORTING PERSON (See Instructions)

12

IN

Edgar Filing: MEDICINES CO /DE - Form SC 13G/A

CUSIP No. 584688105  
=====

-----  
1 NAMES OF REPORTING PERSONS  
I.R.S. IDENTIFICATION NO. OF ABOVE PERSONS (ENTITIES ONLY)  
  
Charles E. Ellwein [See Preliminary Note]  
-----

2 CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (See Instructions)  
(a) [ ]  
(b) [ X ]\*\*

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3 SEC USE ONLY

4 CITIZENSHIP OR PLACE OF ORGANIZATION  
  
United States

5 SOLE VOTING POWER  
NUMBER OF -0-  
-----  
6 SHARED VOTING POWER  
SHARES BENEFICIALLY OWNED BY EACH -0-  
-----  
7 SOLE DISPOSITIVE POWER  
REPORTING PERSON WITH -0-  
-----  
8 SHARED DISPOSITIVE POWER  
-0-

9 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON  
-0-

10 CHECK IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES (See Instructions)  
[ ]

11 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)  
0.0%

12 TYPE OF REPORTING PERSON (See Instructions)  
IN

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13G

=====  
CUSIP No. 584688105  
=====

-----  
NAMES OF REPORTING PERSONS  
1 I.R.S. IDENTIFICATION NO. OF ABOVE PERSONS (ENTITIES ONLY)  
  
Richard B. Fried  
-----

-----  
CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (See Instructions)  
2 (a) [ ]  
(b) [ X ]\*\*

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-----

3 SEC USE ONLY  
-----

-----  
CITIZENSHIP OR PLACE OF ORGANIZATION  
4 United States  
-----

	5	SOLE VOTING POWER
NUMBER OF	-0-	
SHARES		-----
BENEFICIALLY	6	SHARED VOTING POWER
OWNED BY	2,216,800	
EACH		-----
REPORTING	7	SOLE DISPOSITIVE POWER
PERSON WITH	-0-	
		-----
	8	SHARED DISPOSITIVE POWER
	2,216,800	

-----  
9 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON  
2,216,800  
-----

10 CHECK IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES (See Instructions)  
[ ]  
-----

11 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)  
4.4%  
-----

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TYPE OF REPORTING PERSON (See Instructions)

12

IN

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CUSIP No. 584688105

NAMES OF REPORTING PERSONS

1 I.R.S. IDENTIFICATION NO. OF ABOVE PERSONS (ENTITIES ONLY)

Monica R. Landry

CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (See Instructions)

2

(a) [ ]  
(b) [ X ]\*\*

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3

SEC USE ONLY

CITIZENSHIP OR PLACE OF ORGANIZATION

4

United States

SOLE VOTING POWER

5  
NUMBER OF  
SHARES  
BENEFICIALLY  
OWNED BY

5  
-0-

SHARED VOTING POWER

6  
2,216,800

SOLE DISPOSITIVE POWER

7  
EACH  
REPORTING  
PERSON WITH

7  
-0-

SHARED DISPOSITIVE POWER

8  
2,216,800

AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON

9

2,216,800

CHECK IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES (See Instructions)

10

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[ ]

=====

11 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)  
4.4%

-----

12 TYPE OF REPORTING PERSON (See Instructions)  
IN

-----

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13G

=====

CUSIP No. 584688105

=====

-----

1 NAMES OF REPORTING PERSONS  
I.R.S. IDENTIFICATION NO. OF ABOVE PERSONS (ENTITIES ONLY)  
  
William F. Mellin

-----

2 CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (See Instructions)  
(a) [ ]  
(b) [ X ]\*\*

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3 SEC USE ONLY

-----

4 CITIZENSHIP OR PLACE OF ORGANIZATION  
United States

-----

	5	SOLE VOTING POWER
NUMBER OF		-0-
SHARES		-----
BENEFICIALLY	6	SHARED VOTING POWER
OWNED BY		2,216,800
EACH		-----
REPORTING	7	SOLE DISPOSITIVE POWER
PERSON WITH		-0-
		-----
	8	SHARED DISPOSITIVE POWER
		2,216,800

-----



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AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON

9

2,216,800

10

CHECK IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES  
CERTAIN SHARES (See Instructions)

[ ]

11

PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)

4.4%

12

TYPE OF REPORTING PERSON (See Instructions)

IN

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13G

=====  
CUSIP No. 584688105  
=====

1

NAMES OF REPORTING PERSONS

I.R.S. IDENTIFICATION NO. OF ABOVE PERSONS (ENTITIES ONLY)

Stephen L. Millham

2

CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (See Instructions)

(a) [ ]

(b) [ X ]\*\*

\*\*

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3

SEC USE ONLY

4

CITIZENSHIP OR PLACE OF ORGANIZATION

United States

5

SOLE VOTING POWER

NUMBER OF

-0-

SHARES  
BENEFICIALLY  
OWNED BY

6

SHARED VOTING POWER

2,216,800

EACH

7

SOLE DISPOSITIVE POWER

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REPORTING PERSON WITH -0- SHARED DISPOSITIVE POWER 8 2,216,800

9 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 2,216,800

10 CHECK IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES (See Instructions) [ ]

11 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9) 4.4%

12 TYPE OF REPORTING PERSON (See Instructions) IN

13G

=====  
CUSIP No. 584688105  
=====

1 NAMES OF REPORTING PERSONS I.R.S. IDENTIFICATION NO. OF ABOVE PERSONS (ENTITIES ONLY) Jason E. Moment

2 CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (See Instructions) (a) [ ] (b) [ X ]\*\*

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3 SEC USE ONLY

4 CITIZENSHIP OR PLACE OF ORGANIZATION United States

5 SOLE VOTING POWER -0- NUMBER OF

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SHARES		SHARED VOTING POWER
BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH	6	2,216,800
		-----
	7	SOLE DISPOSITIVE POWER
		-0-
		-----
	8	SHARED DISPOSITIVE POWER
		2,216,800
		-----
9		AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON
		2,216,800
		-----
10		CHECK IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES (See Instructions)
		[ ]
		-----
11		PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)
		4.4%
		-----
12		TYPE OF REPORTING PERSON (See Instructions)
		IN
		-----

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13G

=====  
CUSIP No. 584688105  
=====

1		NAMES OF REPORTING PERSONS
		I.R.S. IDENTIFICATION NO. OF ABOVE PERSONS (ENTITIES ONLY)
		Rajiv A. Patel
		-----
2		CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (See Instructions)
		(a) [ ]
		(b) [ X ]**
	**	The reporting persons making this filing hold an aggregate of 2,216,800 Shares, which is 4.4% of the class of securities. The reporting person on this cover page, however, may be deemed a beneficial owner only of the securities reported by it on this cover page.
		-----
3		SEC USE ONLY
		-----
4		CITIZENSHIP OR PLACE OF ORGANIZATION

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United States

```

=====
                    SOLE VOTING POWER
NUMBER OF          5          -0-
SHARES
BENEFICIALLY      -----
OWNED BY          6          SHARED VOTING POWER
                    2,216,800
EACH              -----
REPORTING         7          SOLE DISPOSITIVE POWER
PERSON WITH      -0-
                    -----
                    SHARED DISPOSITIVE POWER
                    8          2,216,800
=====
9          AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON
          2,216,800
=====
10         CHECK IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES
          CERTAIN SHARES (See Instructions)
                                     [   ]
=====
11         PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)
          4.4%
=====
12         TYPE OF REPORTING PERSON (See Instructions)
          IN
=====

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13G

=====  
CUSIP No. 584688105  
=====

```

=====
1          NAMES OF REPORTING PERSONS
          I.R.S. IDENTIFICATION NO. OF ABOVE PERSONS (ENTITIES ONLY)
          Derek C. Schrier
=====
2          CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (See Instructions)
                                     (a) [   ]
                                     (b) [ X ]**

```

\*\* The reporting persons making this filing hold an aggregate of 2,216,800 Shares, which is 4.4% of the class of securities. The reporting person on this cover page, however, may be deemed a beneficial owner only of the securities reported by it on this cover page.

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-----

3 SEC USE ONLY

-----

4 CITIZENSHIP OR PLACE OF ORGANIZATION

United States

-----

	5	SOLE VOTING POWER
NUMBER OF	-0-	
SHARES		-----
BENEFICIALLY	6	SHARED VOTING POWER
OWNED BY	2,216,800	
EACH		-----
REPORTING	7	SOLE DISPOSITIVE POWER
PERSON WITH	-0-	
		-----
	8	SHARED DISPOSITIVE POWER
	2,216,800	

-----

9 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON

2,216,800

-----

10 CHECK IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES  
CERTAIN SHARES (See Instructions)

[ ]

-----

11 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)

4.4%

-----

12 TYPE OF REPORTING PERSON (See Instructions)

IN

-----

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13G

=====

CUSIP No. 584688105

=====

-----

1 NAMES OF REPORTING PERSONS

I.R.S. IDENTIFICATION NO. OF ABOVE PERSONS (ENTITIES ONLY)

Thomas F. Steyer

-----

CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (See Instructions)

(a) [ ]

(b) [ X ]\*\*

2

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\*\* The reporting persons making this filing hold an aggregate of 2,216,800 Shares, which is 4.4% of the class of securities. The reporting person on this cover page, however, may be deemed a beneficial owner only of the securities reported by it on this cover page.

```

=====
3      SEC USE ONLY
=====
      CITIZENSHIP OR PLACE OF ORGANIZATION
4
      United States
=====
      SOLE VOTING POWER
      NUMBER OF          5          -0-
      SHARES
      BENEFICIALLY      6          SHARED VOTING POWER
      OWNED BY          2,216,800
      EACH
      REPORTING         7          SOLE DISPOSITIVE POWER
      PERSON WITH      -0-
      TYPE OF REPORTING 8          SHARED DISPOSITIVE POWER
      PERSON WITH          2,216,800
=====
9      AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON
      2,216,800
=====
10     CHECK IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES
      CERTAIN SHARES (See Instructions)
                                           [   ]
=====
11     PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)
      4.4%
=====
12     TYPE OF REPORTING PERSON (See Instructions)
      IN
=====

```

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13G

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=====
CUSIP No. 584688105
=====

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```

=====
1      NAMES OF REPORTING PERSONS
      I.R.S. IDENTIFICATION NO. OF ABOVE PERSONS (ENTITIES ONLY)
=====

```

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Mark C. Wehrly

-----

CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (See Instructions)

(a) [ ]

(b) [ X ]\*\*

2

\*\* The reporting persons making this filing hold an aggregate of 2,216,800 Shares, which is 4.4% of the class of securities. The reporting person on this cover page, however, may be deemed a beneficial owner only of the securities reported by it on this cover page.

-----

3 SEC USE ONLY

-----

4 CITIZENSHIP OR PLACE OF ORGANIZATION

United States

-----

	5	SOLE VOTING POWER
NUMBER OF		-0-
SHARES		-----
BENEFICIALLY OWNED BY	6	SHARED VOTING POWER
EACH		2,216,800
REPORTING PERSON WITH		-----
	7	SOLE DISPOSITIVE POWER
		-0-
		-----
	8	SHARED DISPOSITIVE POWER
		2,216,800

-----

9 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON

2,216,800

-----

10 CHECK IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES (See Instructions)

[ ]

-----

11 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)

4.4%

-----

12 TYPE OF REPORTING PERSON (See Instructions)

IN

-----

This Amendment No. 1 to Schedule 13G amends and restates in its entirety the Schedule 13G initially filed on March 23, 2006 (collectively, with all amendments thereto, the "Schedule 13G").

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Preliminary Note: This Schedule 13G reports that effective as of April 3, 2006, Charles E. Ellwein resigned as a managing member of Farallon Partners, L.L.C. and Farallon Capital Management, L.L.C., and Mr. Ellwein may therefore no longer be deemed a beneficial owner of the Company's securities reported herein.

Item 1. Issuer  
-----

(a) Name of Issuer:  
-----

The Medicines Company (the "Company")

(b) Address of Issuer's Principal Executive Offices:  
-----

8 Campus Drive, Parsippany, New Jersey 07054

Item 2. Identity And Background  
-----

Title Of Class Of Securities And CUSIP Number (Item 2(d) and (e))  
-----

This statement relates to shares of Common Stock, par value \$0.001 per share (the "Shares"), of the Company. The CUSIP number of the Shares is 584688105.

Name Of Persons Filing, Address Of Principal Business Office And  
-----

Citizenship (Item 2(a), (b) and (c))  
-----

This statement is filed by the entities and persons listed below, all of whom together are referred to herein as the "Reporting Persons."

The Farallon Funds  
-----

- (i) Farallon Capital Partners, L.P., a California limited partnership ("FCP"), with respect to the Shares held by it;
- (ii) Farallon Capital Institutional Partners, L.P., a California limited partnership ("FCIP"), with respect to the Shares held by it;
- (iii) Farallon Capital Institutional Partners II, L.P., a California limited partnership ("FCIP II"), with respect to the Shares held by it;
- (iv) Farallon Capital Institutional Partners III, L.P., a Delaware limited partnership ("FCIP III"), with respect to the Shares held by it;

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- (v) Tincum Partners, L.P., a New York limited partnership ("Tincum"), with respect to the Shares



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held by it; and

- (vi) Farallon Capital Offshore Investors II, L.P., a Cayman Islands exempted limited partnership ("FCOI II"), with respect to the Shares held by it.

FCP, FCIP, FCIP II, FCIP III, Tinicum and FCOI II are together referred to herein as the "Farallon Funds."

The Management Company  
-----

- (vii) Farallon Capital Management, L.L.C., a Delaware limited liability company (the "Management Company"), with respect to the Shares held by a certain account managed by the Management Company (the "Managed Account").

The Farallon General Partner  
-----

- (viii) Farallon Partners, L.L.C., a Delaware limited liability company which is the general partner of each of the Farallon Funds (the "Farallon General Partner"), with respect to the Shares held by each of the Farallon Funds.

The Farallon Managing Members  
-----

- (ix) The following persons who are, or solely with respect to Charles E. Ellwein were, managing members of both the Farallon General Partner and the Management Company, with respect to the Shares held by the Farallon Funds and the Managed Account: Chun R. Ding ("Ding"), William F. Duhamel ("Duhamel"), Charles E. Ellwein ("Ellwein"), Richard B. Fried ("Fried"), Monica R. Landry ("Landry"), William F. Mellin ("Mellin"), Stephen L. Millham ("Millham"), Jason E. Moment ("Moment"), Rajiv A. Patel ("Patel"), Derek C. Schrier ("Schrier"), Thomas F. Steyer ("Steyer") and Mark C. Wehrly ("Wehrly").

Ding, Duhamel, Ellwein, Fried, Landry, Mellin, Millham, Moment, Patel, Schrier, Steyer and Wehrly are together referred to herein as the "Farallon Individual Reporting Persons."

The citizenship of each of the Farallon Funds, the Management Company and the Farallon General Partner is set forth above. Each of the Farallon Individual Reporting Persons is a citizen of the United States. The address of the principal business office of each of the Reporting Persons is c/o Farallon Capital Management, L.L.C., One Maritime Plaza, Suite 1325, San Francisco, California 94111.

Item 3. If This Statement Is Filed Pursuant To Sections 240.13d-1(b) or  
-----  
240.13d-2(b) or (c), Check Whether The Person Filing Is An Entity  
-----  
Specified In (a) - (j):  
-----

Not Applicable.

If This Statement Is Filed Pursuant To Section 240.13d-1(c), Check This

-----  
Box. [X]  
----

Item 4. Ownership  
-----

The information required by Items 4(a) - (c) and set forth in Rows 5 through 11 of the cover page for each Reporting Person hereto is incorporated herein by reference for each such Reporting Person.

The Shares reported hereby for the Farallon Funds are owned directly by the Farallon Funds and those reported by the Management Company on behalf of the Managed Account are owned directly by the Managed Account. The Farallon General Partner, as general partner to the Farallon Funds, may be deemed to be the beneficial owner of all such Shares owned by the Farallon Funds. The Management Company, as investment adviser to the Managed Account, may be deemed to be the beneficial owner of all such Shares owned by the Managed Account. Other than Ellwein, the Farallon Individual Reporting Persons, as managing members of both the Farallon General Partner and the Management Company with the power to exercise investment discretion, may each be deemed to be the beneficial owner of all such Shares owned by the Farallon Funds and the Managed Account. Each of the Management Company, the Farallon General Partner and the Farallon Individual Reporting Persons hereby disclaims any beneficial ownership of any such Shares.

Item 5. Ownership Of Five Percent Or Less Of A Class  
-----

If this statement is being filed to report the fact that as of the date hereof the Reporting Persons have ceased to be the deemed beneficial owner of more than five percent of the class of securities, check the following [ X ].

Item 6. Ownership Of More Than Five Percent On Behalf Of Another Person  
-----

Not Applicable.

Item 7. Identification And Classification Of The Subsidiary Which Acquired The  
-----  
Security Being Reported On By The Parent Holding Company  
-----

Not Applicable.

Item 8. Identification And Classification Of Members Of The Group  
-----

The Reporting Persons are filing this Schedule 13G pursuant to Section 240.13d-1(c). Consistent with Item 2 of the cover page for each Reporting Person above, the Reporting Persons neither disclaim nor affirm the existence of a group among them.

Item 9. Notice Of Dissolution Of Group  
-----

Not Applicable.

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Item 10. Certification  
-----

By signing below I certify that, to the best of my knowledge and belief, the securities referred to above were not acquired and are not held for the purpose of or with the effect of changing or influencing the control of the issuer of the securities and were not acquired and are not held in connection with or as a participant in any transaction having that purpose or effect.

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SIGNATURES  
-----

After reasonable inquiry and to the best of our knowledge and belief, the undersigned certify that the information set forth in this statement is true, complete and correct.

Dated: February 1, 2007

/s/ Monica R. Landry  
-----

FARALLON PARTNERS, L.L.C.,  
On its own behalf and  
as the General Partner of  
FARALLON CAPITAL PARTNERS, L.P.,  
FARALLON CAPITAL INSTITUTIONAL PARTNERS, L.P.,  
FARALLON CAPITAL INSTITUTIONAL PARTNERS II, L.P.,  
FARALLON CAPITAL INSTITUTIONAL PARTNERS III, L.P.,  
TINICUM PARTNERS, L.P. and  
FARALLON CAPITAL OFFSHORE INVESTORS II, L.P.  
By Monica R. Landry,  
Managing Member

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/s/ Monica R. Landry

-----  
FARALLON CAPITAL MANAGEMENT, L.L.C.  
By Monica R. Landry,  
Managing Member

/s/ Monica R. Landry

-----  
Monica R. Landry, individually and as attorney-in-fact for each of Chun R. Ding, William F. Duhamel, Charles Ellwein, Richard B. Fried, William F. Mellin, Stephen L. Millham, Jason E. Moment, Rajiv A. Patel, Derek C. Schrier, Thomas F. Steyer and Mark C. Wehrly

The Powers of Attorney executed by Duhamel, Fried, Mellin, Millham, Steyer and Wehrly authorizing Landry to sign and file this Schedule 13G on each person's behalf, which were filed with Amendment No. 2 to the Schedule 13D filed with the Securities and Exchange Commission on July 16, 2003, by such Reporting Persons with respect to the Common Stock of New World Restaurant Group, Inc., are hereby incorporated by reference. The Powers of Attorney executed by Ding and Schrier authorizing Landry to sign and file this Schedule 13G on each person's behalf, which were filed with Amendment No. 1 to the Schedule 13D filed with the Securities and Exchange Commission on July 2, 2003, by such Reporting Persons with respect to the Common Stock of Salix Pharmaceuticals, Ltd., are hereby incorporated by

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reference. The Powers of Attorney executed by Ellwein and Patel authorizing Landry to sign and file this Schedule 13G on each person's behalf, which were filed with Amendment No. 4 to the Schedule 13G filed with the Securities and Exchange Commission on January 8, 2004, by such Reporting Persons with respect to the Common Stock of Catalytica Energy Systems, Inc., are hereby incorporated by reference. The Power of Attorney executed by Moment authorizing Landry to sign and file this Schedule 13G on his behalf, which was filed with the Schedule 13D filed with the Securities and Exchange Commission on January 9, 2006, by such Reporting Person with respect to the Common Stock of Vintage Petroleum, Inc., is hereby incorporated by reference.

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