Opko Health, Inc. Form 4 August 20, 2007

FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

if no longer subject to Section 16. Form 4 or

Check this box

Form 5 obligations may continue. See Instruction 1(b).

STATEMENT OF CHANGES IN 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

(Print or Type Responses)

08/16/2007

08/16/2007

Stock

Stock

Common

1. Name and Address of Reporting Person * FROST PHILLIP MD ET AL		. S	2. Issuer Name and Ticker or Trading Symbol Opko Health, Inc. [OPK]					5. Relationship of Reporting Person(s) to Issuer (Chaele all applicable)		
(Month/I			Month/Da	Date of Earliest Transaction onth/Day/Year) /16/2007				(Check all applicable) _X_ Director _X_ 10% Owner _X_ Officer (give title Other (specify below)		
			4. If Amendment, Date Original Filed(Month/Day/Year)					CEO & Chairman 6. Individual or Joint/Group Filing(Check Applicable Line) Form filed by One Reporting Person Form filed by More than One Reporting		
MIAMI, FL (City)		(Zip)	Table	e I - Non-I	Derivative S	Securi	ities Acc	Person quired, Disposed of		
1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	Execution I any (Month/Da	ed Date, if	3.	4. Securi on(A) or D (D) (Instr. 3,	ties A ispose 4 and (A) or	cquired d of	• •	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	·
Common Stock	08/16/2007			P	400	A	\$ 3.62	40,750,783	I	See Footnote (1)
Common Stock	08/16/2007			P	1,000	A	\$ 3.65	40,751,783	I	See Footnote (1)
Common	08/16/2007			p	200	Δ	\$	40 751 983	ī	See Footnote

P

P

200

2,500

A

Α

3.66

3.67

\$

40,751,983

40,754,483

I

I

Footnote

Footnote

(1)

See

OMB APPROVAL

3235-0287

January 31,

2005

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								<u>(1)</u>
Common Stock	08/16/2007	P	500	A	\$ 3.75	40,754,983	I	See Footnote (1)
Common Stock	08/16/2007	P	400	A	\$ 3.8	40,755,383	I	See Footnote (1)
Common Stock	08/16/2007	P	300	A	\$ 3.87	40,755,683	I	See Footnote (1)
Common Stock	08/16/2007	P	900	A	\$ 3.7	40,756,583	I	See Footnote (1)
Common Stock	08/16/2007	P	300	A	\$ 3.69	40,756,883	I	See Footnote (1)
Common Stock	08/16/2007	P	500	A	\$ 3.67	40,757,383	I	See Footnote (1)
Common Stock	08/16/2007	P	2,000	A	\$ 3.66	40,759,383	I	See Footnote (1)
Common Stock	08/17/2007	P	1,000	A	\$ 3.84	40,760,383	I	See Footnote (1)
Common Stock	08/17/2007	P	2,000	A	\$ 3.85	40,762,383	I	See Footnote (1)
Common Stock	08/17/2007	P	1,000	A	\$ 3.87	40,763,383	I	See Footnote (1)
Common Stock	08/17/2007	P	2,600	A	\$ 3.89	40,765,983	I	See Footnote (1)
Common Stock	08/17/2007	P	5,400	A	\$ 3.9	40,771,383	I	See Footnote (1)
Common Stock	08/17/2007	P	1,000	A	\$ 3.95	40,772,383	I	See Footnote (1)
Common Stock	08/17/2007	P	2,000	A	\$ 4	40,774,383	I	See Footnote (1)

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

Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB control number.

SEC 1474

(9-02)

9. Nu Deriv Secur Bene Own Follo Repo Trans (Instr

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)	3A. Deemed Execution Date, if any (Month/Day/Year)	4. Transac Code (Instr. 8	5. ctionNumb of 3) Deriv Secur Acqu (A) or Disport of (D) (Instr	(Month/Day ative ities ired r osed)	Date	7. Titl Amou Under Secur (Instr.	int of lying	8. Price of Derivative Security (Instr. 5)
				Code	V (A)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares	

Reporting Owners

Reporting Owner Name / Address	Relationships					
		10% Owner	Officer	Other		
FROST PHILLIP MD ET AL 4400 BISCAYNE BLVD MIAMI, FL 33137	X	X	CEO & Chairman			
Frost Gamma Investment Trust 4400 BISCAYNE BOULEVARD, 15TH FLOOR MIAMI, FL 33137		X				

Signatures

/s/ Phillip Frost MD	08/20/2007
**Signature of Reporting Person	Date
/s/ Frost Gamma Investments Trust	08/20/2007
**Signature of Reporting Person	Date

Reporting Owners 3

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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 securities are held by Frost Gamma Investments Trust, of which Phillip Frost M.D., is the trustee, Frost Gamma Limited Partnership is the sole and exclusive beneficiary of Frost Gamma Investments Trust. Dr. Frost is one of two limited partners of Frost Gamma, L.P.

- (1) The general partner of Frost Gamma L.P. is Frost Gamma, Inc., and the sole shareholder of Frost Gamma, Inc. is Frost-Nevada Corporation. Dr. Frost is also the sole shareholder of Frost-Nevada Corporation. The reporting person disclaims beneficial ownership of these securities, except to the extent of any pecuniary interest therein and this report shall not be deemed an admission that the reporting person is the beneficial owner of these securities for purposes of Section 16 or for any other purpose.
- These securities are owned directly by The Frost Group, LLC, Frost Gamma Investments Trust is a principal member of The Frost Group.

 The reporting person disclaims beneficial ownership of these securities, except to the extent of any pecuniary interest therein and this report shall not be deemed an admission that the reporting person is the beneficial owner of these securities for purposes of Section 16 or for any other purpose.

Remarks:

Exhibit List

99.1 - Joint Filer

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.