Opko Health, Inc. Form 4 August 07, 2007

FORM 4

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

Check this box if no longer subject to Section 16. Form 4 or

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

2. Issuer Name and Ticker or Trading

1(b).

Form 5

obligations

may continue.

See Instruction

(Print or Type Responses)

1. Name and Address of Reporting Person *

FROST PHILLIP MD ET AL

FROST PHI	ILLIP MID ET A	AL	Symbol Opko Health, Inc. [OPK]			(Check all applicable)				
(Last) 4400 BISCA	(First)	(Middle)	08/03/2007					X DirectorX 10% OwnerX Officer (give title Other (specify below) CEO & Chairman		
MIAMI, FL	(Street) 33137-3227		4. If Amendment, Date Original Filed(Month/Day/Year)				6. Individual or Joint/Group Filing(Check Applicable Line) Form filed by One Reporting Person _X_ Form filed by More than One Reporting Person			
(City)	(State)	(Zip)	Table	e I - Non-l	Derivative S	Securi	ties Acq	uired, Disposed o	of, or Beneficial	lly Owned
1.Title of Security (Instr. 3)	2. Transaction D (Month/Day/Yea	r) Execution	emed on Date, if /Day/Year)	3. Transacti Code (Instr. 8)	4. Securit on(A) or Di (Instr. 3,	sposed	of (D)	5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	Indirect Beneficial Ownership (Instr. 4)
Common Stock	08/03/2007			P	1,500	A	\$ 3.95	40,618,883	I	See Footnote (1)
Common Stock	08/03/2007			P	1,900	A	\$ 3.98	40,620,783	I	See Footnote (1)
Common Stock	08/03/2007			P	2,000	A	\$ 3.99	40,622,783	I	See Footnote (1)
Common Stock	08/03/2007			P	11,100	A	\$ 4	40,633,883	I	See Footnote

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3235-0287

January 31,

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Number:

Expires:

response...

5. Relationship of Reporting Person(s) to

Issuer

Estimated average

burden hours per

								(1)
Common Stock	08/03/2007	P	300	A	\$ 4.03	40,634,183	I	See Footnote (1)
Common Stock	08/03/2007	P	100	A	\$ 4.04	40,634,283	I	See Footnote (1)
Common Stock	08/03/2007	P	900	A	\$ 4.05	40,635,183	I	See Footnote (1)
Common Stock	08/03/2007	P	700	A	\$ 4.08	40,635,883	I	See Footnote (1)
Common Stock	08/03/2007	P	1,000	A	\$ 4.09	40,636,883	I	See Footnote (1)
Common Stock	08/03/2007	P	500	A	\$ 4.1	40,637,383	I	See Footnote (1)
Common Stock	08/06/2007	P	1,900	A	\$ 3.68	40,639,283	I	See Footnote (1)
Common Stock	08/06/2007	P	2,000	A	\$ 3.69	40,641,283	I	See Footnote (1)
Common Stock	08/06/2007	P	1,000	A	\$ 3.7	40,642,283	I	See Footnote (1)
Common Stock	08/06/2007	P	4,000	A	\$ 3.71	40,646,283	I	See Footnote (1)
Common Stock	08/06/2007	P	1,500	A	\$ 3.75	40,647,783	I	See Footnote (1)
Common Stock	08/06/2007	P	2,000	A	\$ 3.76	40,649,783	I	See Footnote (1)
Common Stock	08/06/2007	P	4,600	A	\$ 3.8	40,654,383	I	See Footnote (1)
Common Stock	08/06/2007	P	1,900	A	\$ 3.86	40,656,283	I	See Footnote (1)

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Common Stock	08/06/2007	P	5,300	A	\$ 3.89	40,661,583	I	See Footnote (1)
Common Stock	08/06/2007	P	5,200	A	\$ 3.9	40,666,783	I	See Footnote (1)
Common Stock	08/06/2007	P	1,000	A	\$ 3.92	40,667,783	I	See Footnote (1)
Common Stock	08/06/2007	P	4,600	A	\$ 3.95	40,672,383	I	See Footnote (1)
Common Stock	08/07/2007	P	2,500	A	\$ 3.99	40,674,883	I	See Footnote (1)
Common Stock	08/07/2007	P	2,500	A	\$ 4	40,677,383	I	See Footnote (1)
Common Stock	08/07/2007	P	1,100	A	\$ 4.02	40,678,483	I	See Footnote (1)
Common Stock	08/07/2007	P	2,700	A	\$ 4.05	40,681,183	I	See Footnote (1)
Common Stock	08/07/2007	P	591	A	\$ 4.11	40,681,774	I	See Footnote (1)
Common Stock	08/07/2007	P	609	A	\$ 4.09	40,682,383	I	See Footnote (1)
Common Stock						15,490,546	I	See Footnote (2)

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

Persons who respond to the collection of SEC 1474 information contained in this form are not required to respond unless the form displays a currently valid OMB control number.

Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

1. Title of	2.	3. Transaction Date	3A. Deemed	4.	5.	6. Date Exercisable and	7. Title and	8. Price of	9. Nu
Derivative	Conversion	(Month/Day/Year)	Execution Date, if	Transacti	orNumber	Expiration Date	Amount of	Derivative	Deriv
Security	or Exercise		any	Code	of	(Month/Day/Year)	Underlying	Security	Secui

(9-02)

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Bene Own Follo Repo Trans (Instr

(Instr. 3)	Price of Derivative Security	(Month/Day/Year)	(Instr. 8)	Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	3		Securities (Instr. 3 and 4)	(Instr. 5)
			Code V	(A) (D)	Date Exercisable	Expiration Date	Title Amoun or Number of Shares	

Reporting Owners

Reporting Owner Name / Address	Relationships						
	Director	10% Owner	Officer	Other			
FROST PHILLIP MD ET AL 4400 BISCAYNE BLVD MIAMI, FL 33137-3227	X	X	CEO & Chairman				
Frost Gamma Investment Trust 4400 BISCAYNE BOULEVARD, 15TH FLOOR MIAMI, FL 33137		X					

Signatures

**Signature of Reporting Person

/s/ Phillip Frost MD

**Signature of Reporting Person

Date

/s/ Frost Gamma
Investments Trust

08/07/2007

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:

Exhibit 99 - Joint Filer Information

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, see Instruction 6 for procedure.

Reporting Owners 4

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