FROST PHILLIP MD ET AL

Form 4

September 10, 2007

FORM 4

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

OMB Number: 3235-0287

Estimated average

Check this box if no longer subject to

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES

Expires: January 31, 2005

0.5

OMB APPROVAL

Section 16. Form 4 or Form 5 obligations may continue.

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

burden hours per response...

See Instruction 1(b).

(Print or Type Responses)

1. Name and Ad FROST PHII	*	_	2. Issuer Name and Ticker or Trading Symbol Opko Health, Inc. [OPK]	5. Relationship of Reporting Person(s) to Issuer			
(Last) (First) (Middle) 4400 BISCAYNE BOULEVARD			3. Date of Earliest Transaction	(Check all applicable) _X_ Director _X_ 10% Owner _X_ Officer (give title Other (specify below) CEO & Chairman			
			(Month/Day/Year) 09/06/2007				
	(Street)		4. If Amendment, Date Original	6. Individual or Joint/Group Filing(Check			
MIAMI, FL 33137			Filed(Month/Day/Year)	Applicable Line) Form filed by One Reporting Person _X_ Form filed by More than One Reporting Person			
(City)	(State)	(Zip)	Table I. Non Dominatine Committee A.	anning d. Dismosad of an Donofficially Orong d			

(City)	(State) (Z	(Zip) Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned									
1.Title of Security (Instr. 3)	2. Transaction Date 2A. Deemed (Month/Day/Year) Execution Date, if any (Month/Day/Year)		3. Transaction Code (Instr. 8)	4. Securities Acquired on(A) or Disposed of (D) (Instr. 3, 4 and 5)		5. Amount of Securities Beneficially Owned Following Reported Transaction(s)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)			
			Code V	Amount	or (D)	Price	(Instr. 3 and 4)				
Common Stock	09/06/2007		P	1,900	A	\$ 4.15	40,820,283	I	See Footnote (1)		
Common Stock	09/06/2007		P	1,000	A	\$ 4.16	40,821,283	I	See Footnote (1)		
Common Stock	09/06/2007		P	1,500	A	\$ 4.17	40,822,783	I	See Footnote (1)		
Common Stock	09/06/2007		P	600	A	\$ 4.18	40,823,383	I	See Footnote		

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								<u>(1)</u>
Common Stock	09/07/2007	P	200	A	\$ 3.79	40,823,583	I	See Footnote
Common Stock	09/07/2007	P	1,300	A	\$ 3.8	40,824,883	I	See Footnote
Common Stock	09/07/2007	P	500	A	\$ 3.85	40,825,383	I	See Footnote (1)
Common Stock	09/07/2007	P	1,000	A	\$ 3.87	40,826,383	I	See Footnote (1)
Common Stock	09/07/2007	P	100	A	\$ 3.88	40,826,483	I	See Footnote (1)
Common Stock	09/07/2007	P	1,500	A	\$ 3.89	40,827,983	I	See Footnote (1)
Common Stock	09/07/2007	P	400	A	\$ 3.9	40,828,383	I	See Footnote (1)
Common Stock	09/07/2007	P	500	A	\$ 3.92	40,828,883	I	See Footnote (1)
Common Stock	09/07/2007	P	500	A	\$ 3.96	40,829,383	I	See Footnote (1)
Common Stock	09/07/2007	P	500	A	\$ 3.97	40,829,883	I	See Footnote
Common Stock	09/07/2007	P	100	A	\$ 4	40,829,983	I	See Footnote
Common Stock	09/07/2007	P	100	A	\$ 4.02	40,830,038	I	See Footnote
Common Stock	09/07/2007	P	1,000	A	\$ 4.04	40,831,083	I	See Footnote (1)
Common Stock	09/07/2007	P	3,200	A	\$ 4.06	40,834,283	I	See Footnote (1)

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Common Stock	09/07/2007	P	1,900	A	\$ 4.07	40,836,183	I	See Footnote (1)
Common Stock	09/07/2007	P	1,000	A	\$ 4.09	40,837,183	I	See Footnote
Common Stock	09/07/2007	P	1,900	A	\$ 4.1	40,839,083	I	See Footnote
Common Stock	09/10/2007	P	3,100	A	\$ 4.05	40,842,183	I	See Footnote
Common Stock	09/10/2007	P	1,900	A	\$ 4.06	40,844,083	I	See Footnote
Common Stock						15,490,546	I	See Footnote

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	2.	3. Transaction Date	3A. Deemed	4.	5.	6. Date Exerc	cisable and	7. Title	e and	8. Price of
Derivative	Conversion	(Month/Day/Year)	Execution Date, if	Transact	tionNumber	Expiration Da	ate	Amou	nt of	Derivative
Security	or Exercise		any	Code	of	(Month/Day/	Year)	Under	lying	Security
(Instr. 3)	Price of		(Month/Day/Year)	(Instr. 8)) Derivativo	e		Securi	ties	(Instr. 5)
	Derivative				Securities	;		(Instr.	3 and 4)	
	Security				Acquired					
					(A) or					
					Disposed					
					of (D)					
					(Instr. 3,					
					4, and 5)					
									Amount	
						Date	Expiration		or	
						Exercisable	Date		Number	
				~					of	
				Code V	V(A)(D)				Shares	

Reporting Owners

Reporting Owner Name / Address	Relationships						
	Director	10% Owner	Officer	Other			

Reporting Owners 3

Deletionship

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X

FROST PHILLIP MD ET AL

X X CEO & Chairman 4400 BISCAYNE BOULEVARD

MIAMI, FL 33137

Frost Gamma Investment Trust 4400 BISCAYNE BOULEVARD

MIAMI, FL 33137

Signatures

/s/ Phillip Frost MD 09/10/2007

> **Signature of Reporting Person Date

Frost Gamma Investments Trust /s/ Phillip

09/10/2007 Frost MD

> **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).

exclusive beneficiary of Frost Gamma Investments Trust. Dr. Frost is one of two limited partners of Frost Gamma, L.P. 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.

The securities are held by Frost Gamma Investments Trust, of which Phillip Frost M.D., is the trustee, Frost Gamma, L.P. is the sole and

These securities are owned directly by The Frost Group, LLC. Frost Gamma Investments Trust is a principal member of The Frost Group, LLC. 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 99.1 - 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. 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.

Signatures 4