Opko Health, Inc. Form 4 September 19, 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 Form 5

obligations

may continue.

See Instruction

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

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			
			*	(Check all applicable)			
(Last)	(First)	(Middle)	3. Date of Earliest Transaction	V D' 100 0			
4400 BISCAYNE BOULEVARD,		LEVARD,	(Month/Day/Year) 09/17/2007	_X_ Director _X_ 10% Owner _X_ Officer (give title Other (specification) CEO & Chairman			
	(Street)		4. If Amendment, Date Original	6. Individual or Joint/Group Filing(Check			
MIAMI, FL	33137-3227	7	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-Derivative Securities Ac	quired Disposed of or Reneficially Owner			

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

1.Title of	2. Transaction Date 2A. Deemed		3.	4. Securities Acquired			5. Amount of	6. Ownership	7. Nature of
Security	(Month/Day/Year) Execution Date, if		Transaction(A) or Disposed of			d of	Securities	Form: Direct	Indirect
(Instr. 3)		any	Code	(D)			Beneficially	(D) or	Beneficial
		(Month/Day/Year)	(Instr. 8)	(Instr. 3,	4 and	5)	Owned	Indirect (I)	Ownership
							Following	(Instr. 4)	(Instr. 4)
					(A)		Reported		
					or		Transaction(s)		
			Code V	Amount		Price	(Instr. 3 and 4)		
Common						\$			See
	09/17/2007		P	100	A		40,870,183	I	Footnote
Stock						3.94			$(1)\frac{(1)}{}$
									(-) <u>-</u>
Common						•			See
	09/17/2007		P	800	A	\$ 3.98	40,870,983	I	Footnote
Stock						3.98			$(1)\frac{(1)}{}$
Common									See
	09/17/2007		P	1,100	A	\$4	40,872,083	I	Footnote
Stock									$(1)\frac{(1)}{}$
Common	09/17/2007		P	7,100	A	\$	40,879,183	I	See
Stock						4.01			Footnote

OMB APPROVAL

Estimated average

burden hours per

3235-0287

January 31,

2005

0.5

OMB

Number:

Expires:

response...

								$(1)\frac{(1)}{}$
Common Stock	09/17/2007	P	2,500	A	\$ 4.02	40,881,683	I	See Footnote (1) (1)
Common Stock	09/17/2007	P	1,100	A	\$ 4.03	40,882,783	I	See Footnote (1) (1)
Common Stock	09/18/2007	P	4,570	A	\$ 4.03	40,887,353	I	See Footnote (1) (1)
Common Stock						15,490,546	I	See Footnote (2) (2)

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.

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(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	isable and	7. Titl	le and	8. Price of	9
Derivative	Conversion	(Month/Day/Year)	Execution Date, if	Transacti	orNumber	Expiration Da	ate	Amou	ınt of	Derivative	J
Security	or Exercise		any	Code	of	(Month/Day/	Year)	Under	rlying	Security	5
(Instr. 3)	Price of		(Month/Day/Year)	(Instr. 8)	Derivative	e		Secur	ities	(Instr. 5)]
	Derivative				Securities			(Instr.	3 and 4)		(
	Security				Acquired						}
					(A) or						J
					Disposed						7
					of (D)						(
					(Instr. 3,						
					4, and 5)						
									Amount		
						Date	Expiration	Title	or Number		
						Exercisable Date	Title	of			
				Codo V	(A) (D)						
				Code V	(A) (D)				Shares		

Reporting Owners

Reporting Owner Name / Address				
topotomic o whose tumo, seasons	Director	10% Owner	Officer	Other
FROST PHILLIP MD ET AL 4400 BISCAYNE BOULEVARD MIAMI, FL 33137-3227	X	X	CEO & Chairman	
		X		

Reporting Owners 2

Frost Gamma Investment Trust 4400 BISCAYNE BOULEVARD 15TH FLOOR MIAMI, FL 33137

Signatures

/s/ Phillip Frost MD

09/19/2007

**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 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 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.
- 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.

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.

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