Opko Health, Inc. Form 4 August 15, 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 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)

1. Name and Address of Reporting Person * FROST PHILLIP MD ET AL

2. Issuer Name and Ticker or Trading Symbol

Opko Health, Inc. [OPK]

OMB APPROVAL

OMB Number:

3235-0287

Expires:

January 31, 2005

Estimated average burden hours per

response...

5. Relationship of Reporting Person(s) to

Issuer

0.5

			Opko Health, Inc. [OPK]			(Check all applicable)				
(Last) 4400 BISCA	(First) AYNE BLVD	(Middle)	3. Date of Earliest Transaction (Month/Day/Year) 08/13/2007				_X_ Director _X_ 10% Owner _X_ Officer (give title Other (specify below) CEO & Chairman			
				If Amendment, Date Original led(Month/Day/Year)				6. Individual or Joint/Group Filing(Check Applicable Line) Form filed by One Reporting Person		
MIAMI, FL	33137-3227							_X_ Form filed by More than One Reporting Person		
(City)	(State)	(Zip)	Table	e I - Non-D	erivative :	Secur	ities Ac	quired, Disposed	of, or Beneficia	lly Owned
1.Title of Security (Instr. 3)	2. Transaction E (Month/Day/Ye	ar) Executi any	emed on Date, if /Day/Year)	3. Transactic Code (Instr. 8)	on(A) or D (D) (Instr. 3,	4 and (A) or	d of	5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	
Common Stock	08/13/2007			P	1,600	A	\$ 3.91	40,716,983	I	See Footnote (1)
Common Stock	08/13/2007			P	2,500	A	\$ 3.94	40,719,483	I	See Footnote (1)
Common Stock	08/13/2007			P	3,900	A	\$ 3.95	40,723,383	I	See Footnote (1)
Common Stock	08/13/2007			P	200	A	\$ 3.96	40,723,583	Ι	See Footnote

								<u>(1)</u>
Common Stock	08/13/2007	P	1,800	A	\$ 3.97	40,725,383	I	See Footnote (1)
Common Stock	08/14/2007	P	100	A	\$ 3.92	40,725,483	I	See Footnote (1)
Common Stock	08/14/2007	P	100	A	\$ 3.93	40,725,583	I	See Footnote (1)
Common Stock	08/14/2007	P	3,400	A	\$ 3.95	40,728,983	I	See Footnote (1)
Common Stock	08/14/2007	P	1,500	A	\$ 3.97	40,730,483	I	See Footnote (1)
Common Stock	08/14/2007	P	2,400	A	\$ 3.98	40,732,883	I	See Footnote (1)
Common Stock	08/14/2007	P	2,500	A	\$ 3.99	40,735,383	I	See Footnote (1)
Common Stock	08/15/2007	P	3,800	A	\$ 3.77	40,739,183	I	See Footnote (1)
Common Stock	08/15/2007	P	3,200	A	\$ 3.8	40,742,383	I	See Footnote (1)
Common Stock	08/15/2007	P	1,000	A	\$ 3.81	40,743,383	I	See Footnote (1)
Common Stock	08/15/2007	P	500	A	\$ 3.85	40,743,883	I	See Footnote (1)
Common Stock	08/15/2007	P	2,000	A	\$ 3.86	40,745,883	I	See Footnote (1)
Common Stock	08/15/2007	P	1,500	A	\$ 3.89	40,747,383	I	See Footnote (1)
Common Stock	08/15/2007	P	2,500	A	\$ 3.9	40,749,883	I	See Footnote (1)

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Common Stock	08/15/2007	P	500	A	\$ 3.93	40,750,383	I	Footnote (1)
Common Stock						15,490,546	I	See Footnote

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

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(9-02)

9. Nu Deriv Secu Bene Own Follo Repo Trans (Insti

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. Transacti Code (Instr. 8)	5. orNumber of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)		ate	Secur	int of rlying	8. Price of Derivative Security (Instr. 5)
				Code V	(A) (D)	Date Exercisable	Expiration Date	Title	Amount 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	X	CEO & Chairman				

Signatures

/s/ Phillip Frost MD	08/15/2007
**Signature of Reporting Person	Date
/s/ Frost Gamma Investments Trust	08/15/2007

Reporting Owners 3 **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 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.

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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