#### FROST PHILLIP MD ET AL

Form 4

August 30, 2010

### FORM 4

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

OMB Number: 3235-0287

Estimated average

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Check this box if no longer subject to Section 16.

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES

Expires: January 31, 2005

**OMB APPROVAL** 

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

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

response... 0.5

1(b).

(Print or Type Responses)

1. Name and Address of Reporting Person * FROST PHILLIP MD ET AL	2. Issuer Name <b>and</b> Ticker or Trading Symbol Opko Health, Inc. [OPK]	5. Relationship of Reporting Person(s) to Issuer			
(Last) (First) (Middle)	3. Date of Earliest Transaction	(Check all applicable)			
OPKO HEALTH, INC., 4400 BISCAYNE BLVD.	(Month/Day/Year) 08/27/2010	_X Director _X 10% Owner _X Officer (give title Other (specify below) CEO & Chairman			
(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) (Z	Zip) Table	e I - Non-Do	erivative S	Secur	ities Acq	quired, Disposed o	of, or Beneficial	lly Owned
1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed 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		Price	(Instr. 3 and 4)		
Common Stock	08/27/2010		P	800	A	\$ 2.14	97,773,852	I	See Footnote (1)
Common Stock	08/27/2010		P	8,000	A	\$ 2.16	97,781,852	I	See Footnote (1)
Common Stock	08/27/2010		P	3,700	A	\$ 2.17	97,785,552	I	See Footnote (1)
Common Stock							15,490,546	I	See Footnote

(2)

SEC 1474

(9-02)

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

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.

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)	4. Transaction Code (Instr. 8)	5. onNumber of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3,		ate	7. Titl Amou Under Securi (Instr.	nt of lying	8. Price of Derivative Security (Instr. 5)
			Code V	4, and 5)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares	

# **Reporting Owners**

Reporting Owner Name / Address	Relationships					
<b>1</b>	Director	10% Owner	Officer	Other		
FROST PHILLIP MD ET AL OPKO HEALTH, INC. 4400 BISCAYNE BLVD. MIAMI, FL 33137	X	X	CEO & Chairman			
Frost Gamma Investments Trust 4400 BISCAYNE BLVD. MIAMI, FL 33137		X				
Signatures						

Phillip Frost, M.D., Individually and as 08/30/2010 Trustee

> \*\*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).
- (1) 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

Reporting Owners 2

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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.