FORM 4

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

OMB APPROVAL
OMB Number: 3235-0287
Estimated average burden
hours per response... 0.5

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 or Section 30(h) of the Investment Company Act of 1940

(Print or Type Responses)											
1. Name and Address of Reporting Per FROST PHILLIP MD ET AL	2. Issuer Name and Ticker or Trading Symbol Opko Health, Inc. [OPK]						5. Relationship of Reporting Person(s) to Issuer (Check all applicable) X_Director X_10% Owner				
4400 BISCAYNE BLVD	3. Date of Earliest Transaction (Month/Day/Year) 05/22/2009						X Officer (give title below) Other (specify below) CEO & Chairman				
(Street) MIAMI, FL 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)	Tab	le I - Non-	Deri	vative S	ecurities	Acqui	ired, Disposed of, or I	Beneficially (Owned	
(Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	Code (Instr. 8)		(A) or I (D)	Disposed 6, 4 and 5 (A) or	of	5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)		orm:	7. Nature of Indirect Beneficial Ownership (Instr. 4)
Common Stock	05/22/2009		P	V	326	Δ	\$	95,660,873	I	msu. 4)	See Footnote
Common Stock	05/22/2009		P		1,401	A	\$ 1.16	95,662,274	I		See Footnote
Common Stock	05/22/2009		P		1,199	A	\$ 1.17	95,663,473	I		See Footnote (1)
Common Stock	05/22/2009		P		200	A	\$ 1.18	95,663,673	I		See Footnote
Common Stock	05/22/2009		P		1,500	A	\$ 1.19	95,665,173	I		See Footnote (1)
Common Stock	05/22/2009		P		3,374	A	\$ 1.2	95,668,547	I		See Footnote (1)
Common Stock								15,490,546	I		See Footnote (2)
Reminder: Report on a separate line fo indirectly.	or each class of secu	rities beneficially o		·							
				cont	ained ir	n this fo	rm ar	the collection of in e not required to re ently valid OMB con	spond unle	ss	EC 1474 (9- 02)
		erivative Securitie									
1. Title of Derivative Conversion Security or Exercise (Instr. 3) 1. Title of Don't Date (Month/Day/Y) 2. Date (Month/Day/Y)	3A. Deemed Execution Da	4. te, if Transaction Code (Instr. 8)	5. Number of	6. Dand	Expiration Date Am Und Sec		7. T Am Und Sec (Ins	Sitle and ount of out of derlying urities str. 3 and str. 3 and str. 4 out of the str. 5 out of the st		Ownersh Form of Derivati Security Direct (I or Indire	Ownership (Instr. 4) cct
		Code V	(A) (D)	Date Exer	cisable	Expiratio Date	on 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	X	X	CEO & Chairman	
MIAMI, FL 33137-3227 Frost Gamma Investments Trust				
4400 BISCAYNE BOULEVARD, 15TH FLOOR		X		
MIAMI, FL 33137				

Signatures

/s/ Phillip Frost MD	05/26/2009
**Signature of Reporting Person	Date
/s/ Phillip Frost MD, as trustee	05/26/2009
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
- (1) 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 (2) 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.

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.

JOINT FILER INFORMATION

Name: Frost Gamma Investments Trust

Address: 4400 Biscayne Blvd

Miami, FL 33137

Designated Filer: Phillip Frost, M.D.

Issuer Name and Ticker Symbol: OPKO Health, Inc. (OPK)

Date of Earliest Transaction: May 22, 2009

Relationship to Issuer: 10% Owner

FROST GAMMA INVESTMENTS TRUST

by: /s/ Phillip Frost MD, as trustee
Phillip Frost, M.D., Trustee