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

OMB APPROVAL						
OMB Number: 3235-028						
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ours per response						

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 Ty	pe Response	es)																		
1. Name and Address of Reporting Person *- 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)								
(Last) (First) (Middle) OPKO HEALTH, INC., 4400 BISCAYNE BLVD.				3. Date of Earliest Transaction (Month/Day/Year) 05/28/2010								X DirectorX 10% OwnerX Officer (give title below) Other (specify below) CEO & Chairman					w)			
(Street) MIAMI, FL 33137			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)		-	Гab	le I - I	Non-	Deriv	vative S	ecuritie	s Acq	Įui	red, Dispo	osed of, or	Beneficially	Owned			
1.Title of Security (Instr. 3)		2. Transaction Date (Month/Day/Year)	Exect any	Deemed cution Date, if onth/Day/Year)		Code (Instr. 8)			(A) or Disposed of (D) (Instr. 3, 4 and 5)		dof	Benet Repor		Amount of Securities eneficially Owned Following eported Transaction(s) nstr. 3 and 4)		· /		Beneficial Ownership		
							Code		V	Amoun	(A) or (D)	Pric	ce				or Indirect (I) (Instr. 4)		(Instr. 4)	
Common	Stock		05/28/2010				P	•		100	A	\$ 1.99	9	97,537,1	52		I	S6 F6 (1	ootnote	
Common	Stock		05/28/2010				P	•		4,900	A	\$ 2		97,542,0)52		I	Se Fe (1	ootnote	
Common	Stock													15,490,5	346		I	Se Fe (2	ootnote	
Reminder: I	Report on a	separate line f	or each class of secu	rities 1	beneficial	ly o	wned													
								c	onta	ained i	n this f	orm a	are	not req	uired to re	formation espond un ntrol numb	less	SEC	1474 (9- 02)	
			Table II - D				•			•				ly Owned						
1. Title of Derivative Security (Instr. 3)	Conversion	3. Transaction Date (Month/Day/	Execution Date, if Transaction of and Expiration Date		7. A U Se	Ti mo Inde ecu	ount of erlying urities r. 3 and	8. Price of Derivative Security (Instr. 5)	9. Number Derivative Securities Beneficiall Owned Following Reported Transaction (Instr. 4)	Own Form Deri Secu Dire or In	of of vative rity: et (D) direct	11. Nature of Indirect Beneficial Ownership (Instr. 4)								
					Code	V	(A)		Date Exer	cisable	Expirati Date	on T	itle	Amount or Number of Shares						

Reporting Owners

Reporting Owner Name / Address	Relationships							
	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 Trustee	06/01/2010	
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.

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 28, 2010

Relationship to Issuer: 10% Owner

FROST GAMMA INVESTMENTS TRUST

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