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

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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) X Director X 10% Owner						
(Last) (First) (Middle) OPKO HEALTH, INC., 4400 BISCAYNE BLVD.				3. Date of Earliest Transaction (Month/Day/Year) 02/22/2011						X Officer (give title below) Other (specify below) CEO & Chairman						
(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)				Table I - Non-Derivative Securities Acqu							ired, Disp	osed of, or l	Beneficially	Owned		
1.Title of Security (Instr. 3) 2. Transaction Date (Month/Day/Year)		2A. Deemed Execution Date, if any (Month/Day/Year)		Code (Instr. 8)		(A) or D (D) (Instr. 3	4 and 5 (A) or	of ()	5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)		or Indirect (I)	Beneficial Ownership				
Common	Stock		02/2	22/2011			Code	V	2,500	(D)	Price \$ 4.35	99,389,5	552		(Instr. 4)	See Footnote
Common	Stock		02/2	22/2011			P		1,100	A	\$ 4.37	99,390,6	552		I	See Footnote
Common	Stock		02/2	22/2011			P		2,900	A	\$ 4.38	99,393,5	552		I	See Footnote
Common	Stock		02/2	22/2011			P		1,000	A	\$ 4.39	99,394,5	552		I	See Footnote
Common	Stock		02/2	22/2011			Р		176	A	\$ 4.42	99,394,7	728		I	See Footnote
Common	Stock		02/2	22/2011			P		3,624	A	\$ 4.43	99,398,3	352		I	See Footnote
Common	Stock		02/2	22/2011			P		5,200	A	\$ 4.44	99,403,5	552		I	See Footnote
Common	Stock		02/2	22/2011			P		4,200	A	\$ 4.47	99,407,7	752		I	See Footnote
Common	Stock		02/2	22/2011			P		7,800	A	\$ 4.48	99,415,5	552		I	See Footnote
Common	Stock		02/2	22/2011			P		1,500	A	\$ 4.49	99,417,0)52		I	See Footnote
Common	Stock											15,490,5	546		I	See Footnote
Reminder: indirectly.	Report on a	separate line	e for eac	ch class of secu	irities t	peneficially (·				Albert 11	-Ala	£		EG 1474 (2)
								cont the f	ained in orm dis	this fo	rm ar	e not req	ection of in uired to re d OMB cor	spond un	less	EC 1474 (9- 02)
				Table II - D		tive Securiti its, calls, wa										
Security	Conversion	3. Transact Date (Month/Da		3A. Deemed Execution Da any (Month/Day/S	ĺ	Code	5. Number of Derivative Securities Acquired (A) or Disposed	and i	ate Exerc Expiratio nth/Day/	n Date	Am Und Sec	Title and abount of derlying urities str. 3 and	8. Price of Derivative Security (Instr. 5)	9. Number Derivative Securities Beneficiall Owned Following Reported	Owners Form of	Ownersh (Instr. 4)

			of (D (Instr	. 3,					Transaction(s) (Instr. 4)	(I) (Instr. 4)	
	Code	V	(A)		Lacreisable	Expiration Date	Title	Amount or Number of Shares			

Reporting Owners

Barrella Orana Nama / Addama	Relationships								
Reporting Owner Name / Address	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	02/23/2011
**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: February 22, 2011

Relationship to Issuer: 10% Owner

FROST GAMMA INVESTMENTS TRUST

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