FORM 4

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

OMB APPROVAL						
OMB Number:	3235-0287					
Estimated average burden						
ours 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	e Response	s)														
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)						
OPKO HEALTH, INC., 4400 BISCAYNE BLVD.			3. Date of Earliest Transaction (Month/Day/Year) 09/17/2010							X_ DirectorX_ 10% Owner X Officer (give title below) Other (specify below) CEO & Chairman				pelow)		
(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)		Ta	ble I -	Non-	Deri	vative So	ecurities	Acqui	ired, Disp	osed of, or	Beneficially	Owned	
1.Title of Security (Instr. 3) 2. Transaction Date (Month/Day/Year)		2A. Deemed Execution Date, if any (Month/Day/Year		f Code (Instr. 8)		ction	(A) or Disposed of (D) (Instr. 3, 4 and 5)		of	5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)		Following	Form: Direct (D)	7. Nature of Indirect Beneficial Ownership		
						Co	ode	V	Amoun	(A) or (D)	Price				(I) (Instr. 4)	(Instr. 4)
Common S	stock		09/17/2010]	Р		100	A	\$ 2.22	97,858,1	152		I	See Footnote
Common S	stock		09/17/2010]	P		4,000	A	\$ 2.23	97,862,1	152		I	See Footnote
Common S	stock		09/17/2010]	P		2,000	A	\$ 2.24	97,864,1	152		I	See Footnote
Common S	stock		09/17/2010]	Р		1,000	A	\$ 2.26	97,865,1	152		I	See Footnote
Common S	stock		09/17/2010]	Р		1,100	A	\$ 2.27	97,866,2	252		I	See Footnote
Common S	tock		09/17/2010]	P		1,800	A	\$ 2.29	97,868,052			I	See Footnote
Common S	tock											15,490,5	546		I	See Footnote
Reminder: Reindirectly.	eport on a	separate line fo	or each class of secu	ırities benef	icially	owned		•								
								cont	ained ir	this fo	rm ar	e not req	uired to re	formation espond unl ntrol numb	less	EC 1474 (9- 02)
			Table II - D										i			
1. Title of Derivative Conversion Of Exercise (Month/Day/Year) 3A. Deemed Execution Date (Month/Day/Year) any		4. 5. Number ate, if Transaction of		rative rities ired rosed	and Expiration Date (Month/Day/Year) Art Se			7. T Am Und Sec (Ins	Title and nount of derlying curities str. 3 and Security (Instr. 5) 8. Price of Derivative Security (Instr. 5) 9. Number Derivative Securities Beneficia Owned Following Reported		Derivative Securities Beneficially Owned Following Reported Transaction	Owners Form of Derivati Security Direct (or Indire	ve Ownership v: (Instr. 4) D) ect			
				Cod	le V	(A)	(D)	Date Exer	cisable	Expiration Date	on Titl	Amount or e Number of Shares				

Reporting Owners

Domontino Oromon Name / Address	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	09/20/2010
**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: September 17, 2010

Relationship to Issuer: 10% Owner

FROST GAMMA INVESTMENTS TRUST

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