FORM 4	ļ
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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).					

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

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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

1. Name and Address of Reporting Po FROST PHILLIP MD ET AL	2. Issuer Name a Opko Health, In		or Tr	ading Syr	nbol	5. Relationship of Reporting Person(s) to Issuer (Check all applicable) X_Director X_10% Owner					
(Last) (First) (Middle) 3. Date of Earliest Transaction 4400 BISCAYNE BLVD 10/26/2009 10/26/2009				n (M	onth/Day	/Year)		X_Officer (give title below) Other (specify below) CEO & Chairman			
(Street) MIAMI, FL 33137-3227	4. If Amendment, 1	Date Origii	nal F	iled(Month	/Day/Yea	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 Acquired						red, Disposed 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)			4. Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)			5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)	\ / /	Beneficial Ownership	
			Code	v	Amount	(A) or (D)	Price		or Indirect (I) (Instr. 4)	(Instr. 4)	
Common Stock	10/26/2009		Р		1,000	А	\$ 2.11	96,919,381	Ι	See Footnote (1)	
Common Stock	10/26/2009		Р		6,000	А	\$ 2.14	96,925,381	Ι	See Footnote (1)	
Common Stock	10/26/2009		Р		3,500	А	\$ 2.15	96,928,881	Ι	See Footnote (1)	
Common Stock	10/26/2009		Р		1,000	А	\$ 2.16	96,929,881	Ι	See Footnote (1)	
Common Stock	10/26/2009		Р		1,000	А	\$ 2.18	96,930,881	Ι	See Footnote (1)	
Common Stock	10/26/2009		Р		7,500	А	\$ 2.19	96,938,381	I	See Footnote (1)	
Common Stock								15,490,546	I	See Footnote (2)	
Reminder: Report on a separate line f indirectly.	or each class of secu	rities beneficially o	wned direc	tly o	r						
				cont	ained in	this fo	orm ar	the collection of information e not required to respond un ently valid OMB control numb	less	EC 1474 (9- 02)	

Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

			(e.g., p	uts, cans,	wa	птані	s, opt	ions, conver	tible securi	ues)					
1. Title of	2.	3. Transaction	3A. Deemed	4.		5. Nu	mber	6. Date Exer	rcisable	7. Tit	le and	8. Price of	9. Number of	10.	11. Nature
Derivative	Conversion	Date	Execution Date, if	Transacti	ion	of		and Expirati	on Date	Amo	unt of	Derivative	Derivative	Ownership	of Indirect
Security	or Exercise	(Month/Day/Year)	any	Code		Deriv	ative	(Month/Day	/Year)	Unde	rlying	Security	Securities	Form of	Beneficial
(Instr. 3)	Price of		(Month/Day/Year)	(Instr. 8)		Secur	ities			Secu	rities	(Instr. 5)	Beneficially	Derivative	Ownership
	Derivative					Acqu	ired			(Instr	. 3 and		Owned	Security:	(Instr. 4)
	Security					(A) o	r			4)			Following	Direct (D)	
						Dispo	osed						Reported	or Indirect	
						of (D)						Transaction(s)	(I)	
						(Instr							(Instr. 4)	(Instr. 4)	
						4, and	15)								
											Amount				
								Date	Expiration Date	T11.	or				
								Exercisable	Date	Title	Number				
				Cada	X 7	(Λ)	(\mathbf{D})				OI Channa				
				Code	V	(A)	(D)				Shares				

Reporting Owners

Reporting Owner Name / Address		Relationships						
		10% Owner	Officer	Other				

FROST PHILLIP MD ET AL 4400 BISCAYNE BLVD	Х	Х	CEO & Chairman	
Frost Gamma Investments Trust 4400 BISCAYNE BOULEVARD, 15TH FLOOR MIAMI, FL 33137		Х		

Signatures

/s/ Phillip Frost MD	10/27/2009
**Signature of Reporting Person	Date
/s/ Phillip Frost MD, as trustee	10/27/2009
**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 excent to the extent of any pecuniary interest therein and this report shall not be deemed an admission that the reporting person is

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:	October 26, 2009
Relationship to Issuer:	10% Owner

FROST GAMMA INVESTMENTS TRUST

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