FORM 4	4
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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

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

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 Person – FROST PHILLIP MD ET AL			2. Issuer Name a Opko Health, In		or Tr	ading Syı	nbol	5. Relationship of Reporting Person(s) to Issuer (Check all applicable) X Director X 10% Owner			
OPKO HEALTH, INC BLVD.	3. Date of Earliest Transaction (Month/Day/Year) 08/18/2010						X_DriectorX_10% Owner _X_Officer (give title below) Other (specify below) CEO & Chairman				
(Street) MIAMI, FL 33137									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 Se	curities	s Acqu	ired, Disposed of, or Beneficially	y 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)	ction	A 4. Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)		l of	Reported Transaction(s) Form: (Instr. 3 and 4) Direct (D		7. Nature of Indirect Beneficial Ownership
				Code	v	Amount	(A) or (D)	Price		or Indirect (I) (Instr. 4)	(Instr. 4)
Common Stock		08/18/2010		Р		1,000	А	\$ 2.24	97,734,052	Ι	See Footnote (1)
Common Stock		08/18/2010		Р		1,900	А	\$ 2.25	97,735,952	Ι	See Footnote (1)
Common Stock		08/18/2010		Р		5,100	А	\$ 2.26	97,741,052	Ι	See Footnote (1)
Common Stock		08/18/2010		Р		2,000	А	\$ 2.27	97,743,052	Ι	See Footnote (1)
Common Stock									15,490,546	Ι	See Footnote (2)

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

SEC 1474 (9contained in this form are not required to respond unless the form displays a currently valid OMB control number.

02)

Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned

Persons who respond to the collection of information

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	(<i>e.g.</i> , puts, cans, warrants, options, convertible securities)														
1. Title of	2.	3. Transaction	3A. Deemed	4.		5. Nu	mber	6. Date Exer	cisable	7. Tit	tle and	8. Price of	9. Number of	10.	11. Nature
Derivative	e Conversion	Date	Execution Date, if	Transacti	on	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				
									Expiration		or Number				
								Exercisable	Date		of				
				Code	V	(A)	(D)				Shares				

Reporting Owners

Banauting Orman 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	Х	Х	CEO & Chairman					
Frost Gamma Investments Trust 4400 BISCAYNE BLVD.		х						

	MIAMI, FL 33137				
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Signatures

Phillip Frost, M.D., Individually and as Trustee	08/19/2010
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 characterized for the extent of any pecuniary interest therein and this report shall not be deemed an admission that the reporting person is characterized for the extent of any pecuniary interest therein and this report shall not be deemed an admission that the reporting person is characterized for the extent of any pecuniary interest therein and the second for the extent of any pecuniary interest therein and the second for the extent of a second for the e
- 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

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, see Instruction 6 for procedure.

person is the beneficial owner of these securities for purposes of Section 16 or for any other purpose.

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: August 18, 2010

Relationship to Issuer: 10% Owner

FROST GAMMA INVESTMENTS TRUST

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