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Check this box if no longer subject to Statement OF CHANGES IN BENEFICIAL OWNERSHIP OF Section 16. Sector 16.								3235-0287 January 31, 2005 average irs per		
(Print or Type R	Responses)									
FROST PHILLIP MD ET AL Symbol			Name and Ticker or Trading ealth, Inc. [OPK]				5. Relationship of Reporting Person(s) to Issuer			
(Last)	(First) (Middle)		3. Date of Earliest Transaction			(Check all applicable)				
OPKO HEA BISCAYNE	h/Day/Year) 4/2010				X DirectorX 10% Owner X Officer (give title Other (specify below) CEO & Chairman					
	ndment, Date Original th/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)		e I - Non-D 3.				uired, Disposed of		•	
1.Title of Security (Instr. 3)	(Month/Day/Year) Execut any				ispose 4 and (A) or	d of 5)	5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)		
a			Code V	Amount	(D)	Price	(,		See	
Common Stock	05/04/2010		Р	1,407	А	\$ 2.19	97,446,459	I	Footnote (1)	
Common Stock	05/04/2010		Р	2,000	A	\$ 2.2	97,448,459	Ι	See Footnote (1)	
Common Stock	05/04/2010		Р	1,593	А	\$ 2.21	97,450,052	I	See Footnote (1)	
Common Stock							15,490,546	Ι	See Footnote	

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

Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB control number.

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

1. Title of Derivative Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	4. Transact Code (Instr. 8)	5. orNumber of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)		ate	Amou Under Secur	rlying	8. Price of Derivative Security (Instr. 5)	9. Nu Deriv Secu Bene Owne Follo Repo Trans (Instr
			Code V	(A) (D)	Date Exercisable	Expiration Date	Title	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	Х	Х	CEO & Chairman					
Frost Gamma Investments Trust 4400 BISCAYNE BLVD. MIAMI, FL 33137		Х						
Signatures								
Phillip Frost, M.D., Individually and as Trustee		05/05/2010						
<u>**</u> Signature of Reporting Person			Date					
Evaluation of Boononooo								

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).
- (1) 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

(2)

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partner of Frost Gamma L.P. is Frost Gamma, Inc., and the sole 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 disclaims beneficial ownership of these securities, except to the extent of any pecuniary interest therein and

(2) ELC. The reporting person discrains beneficial ownership of these securities, except to the extent of any peculiary 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.