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

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

1. Name and Address of Reporting FROST PHILLIP MD ET AL	2. Issuer Name a Opko Health, In			ading Syr	nbol	5. Relationship of Reporting Person(s) to Issuer (Check all applicable) X Director X 10% Owner				
(Last) (First) 4400 BISCAYNE BLVD	3. Date of Earliest 08/31/2007	Transactio	n (M	onth/Day	/Year)	X Officer (give title below) Other (specify below) CEO and Chairman				
(Street) MIAMI, FL 33137		4. If Amendment, I	Date Origi	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)	Tab	le I - Non-	Deri	vative Se	curities	s Acqu	ired, Disposed of, or Beneficiall	y Owned	
1.Title of Security (Instr. 3) (Month/Day/Year		2A. Deemed Execution Date, if any (Month/Day/Year)	(Instr. 8)	ction	4. Secur (A) or D (D) (Instr. 3)	oisposed	l of	5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect	Beneficia Ownershi
			Code	v	Amount	(A) or (D)	Price		(I) (Instr. 4)	
Common Stock	08/31/2007		Р		500	А	\$ 4.01	40,804,883	I	See Footnote (1)
Common Stock	08/31/2007		Р		700	А	\$ 4.05	40,805,583	I	See Footnote (1)
Common Stock	08/31/2007		Р		3,800	А	\$ 4.07	40,809,383	I	See Footnote (1)
Common Stock	09/04/2007		Р		100	А	\$ 4.05	40,809,483	I	See Footnote (1)
Common Stock	09/04/2007		Р		1,000	А	\$ 4.06	40,810,483	I	See Footnote (1)
Common Stock	09/04/2007		Р		500	А	\$ 4.1	40,810,983	I	See Footnote (1)
Common Stock	09/04/2007		Р		200	А	\$ 4.11	40,811,183	I	See Footnote (1)
Common Stock	09/04/2007		Р		1,100	А	\$ 4.12	40,812,283	I	See Footnote (1)
Common Stock	09/04/2007		Р		600	А	\$ 4.13	40,812,883	I	See Footnote (1)
Common Stock	09/04/2007		Р		500	А	\$ 4.16	40,813,383	Ι	See Footnote (1)
Common Stock	09/05/2007		Р		800	А	\$ 4.1	40,814,183	I	See Footnote (1)
Common Stock	09/05/2007		Р		300	А	\$ 4.11	40,814,483	I	See Footnote (1)
Common Stock	09/05/2007		Р		900	А	\$ 4.12	40,815,383	I	See Footnote (1)
Common Stock	09/05/2007		Р		1,500	А	\$ 4.13	40,816,883	I	See Footnote (1)
Common Stock	09/05/2007		Р		1,500	А	\$ 4.14	40,818,383	I	See Footnote <u>(1)</u>
				-						See

Common Stock						15,490,546	Ι	Footnote	
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.								SEC 1474 (9- 02)	

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

(e.g., puts, calls, warrants, options, convertible securities)															
1. Title of	2.	3. Transaction	3A. Deemed	4.	5	. Num	ber	6. Date Exer	rcisable	7. Tit	le and	8. Price of	9. Number of	10.	11. Nature
Derivative	Conversion	Date	Execution Date, if	Transactio	n o	f		and Expirati	on Date	Amo	unt of	Derivative	Derivative	Ownership	of Indirect
Security	or Exercise	(Month/Day/Year)	any	Code	D	Derivat	ive	(Month/Day	/Year)	Unde	rlying	Security	Securities	Form of	Beneficial
(Instr. 3)	Price of		(Month/Day/Year)	(Instr. 8)	S	ecuriti	ies			Secu	rities	(Instr. 5)	Beneficially	Derivative	Ownership
	Derivative				А	cquire	ed			(Instr	. 3 and			Security:	(Instr. 4)
	Security				(/	A) or				4)			Following	Direct (D)	
					D	Dispose	ed						Reported	or Indirect	
						f (D)							Transaction(s)	(I)	
						Instr. 3	· ·						(Instr. 4)	(Instr. 4)	
					4	, and 5	5)								
											Amount				
								Date	Expiration		or				
								Exercisable	Expiration Date	Title	Number				
								Excicisable	Date		of				
				Code V	/ ((A) (D)				Shares				

Reporting Owners

	Relationships								
Reporting Owner Name / Address	Director	10% Owner	Officer	Other					
FROST PHILLIP MD ET AL 4400 BISCAYNE BLVD MIAMI, FL 33137	Х	Х	CEO and Chairman						
Frost Gamma Investment Trust 4400 BISCAYNE BLVD MIAMI, FL 33137		Х							

Signatures

/s/ Phillip Frost MD	09/05/2007
Signature of Reporting Person	Date
/s/ Phillip Frost MD as trustee of Frost Gamma Investments Trust	09/05/2007
**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 Limited Partnership 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, (1) 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. The reporting person disclaims (2) 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 Agreement

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 and Ticker Symbol: Opko Health, Inc. (OPK)

Date of Event Requiring Statement: August 31, 2007

FROST GAMMA INVESTMENTS TRUST

by: /s/ Phillip Frost MD

Phillip Frost, M.D., Trustee