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									
1. Name and Address of Reporting Person – FROST PHILLIP MD ET AL				ading Syr	nbol	5. Relationship of Reporting Person(s) to Issuer (Check all applicable) X_DirectorX_10% Owner				
			n (M	onth/Day	/Year)	X Officer (give title below) Other (specify below) CEO & Chairman				
	4. If Amendment, I	Date Origi	nal Fi	iled(Month	/Day/Yea	)	Form filed by One Reporting Person		able Line)	
(Zip)	Tab	le I - Non-	Deri	vative Se	curities	s Acqui	ired, Disposed of, or Beneficially	y Owned		
Title of Security nstr. 3) 2. Transaction Date (Month/Day/Year		Code (Instr. 8)	ode (. 1str. 8) (1		4 and 4 (A) or	of 5)	5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect	7. Nature of Indirect Beneficial Ownership (Instr. 4)	
09/18/2008		Code P	V			Price \$ 1.45	70,305,701	(Instr. 4) I	See Footnote	
09/18/2008		Р		151	А	\$ 1.46	70,305,852	I	See Footnote (1)	
09/18/2008		Р		600	А	\$ 1.47	70,306,452	I	See Footnote ( <u>1)</u>	
09/18/2008		Р		700	A	\$ 1.48	70,307,152	I	See Footnote ( <u>1)</u>	
09/18/2008		Р		20,600	А	\$ 1.49	70,327,752	I	See Footnote ( <u>1)</u>	
09/18/2008		Р		800	А	\$ 1.5	70,328,552	I	See Footnote (1)	
09/18/2008		Р		1,600	А	\$ 1.51	70,330,152	I	See Footnote (1)	
09/18/2008		Р		1,700	А	\$ 1.52	70,331,852	I	See Footnote (1)	
09/18/2008		Р		500	А	\$ 1.58	70,332,352	Ι	See Footnote (1)	
09/18/2008		Р		600	А	\$ 1.59	70,332,952	I	See Footnote (1)	
09/18/2008		Р		1,000	A	\$ 1.6	70,333,952	I	See Footnote (1)	
09/18/2008		Р		2,500	А	\$ 1.65	70,336,452	I	See Footnote ( <u>1)</u>	
							15,490,546	Ι	See Footnote (2)	
for each class of secu	rities beneficially o		-							
		1	cont	ained in	this fo	orm ar	e not required to respond ur	nless	EC 1474 (9- 02)	
	(Middle)         (Zip)         2. Transaction Date (Month/Day/Year)         09/18/2008	Opko Health, In         (Middle)       3. Date of Earliest 09/18/2008         (Zip)       4. If Amendment, I         (Zip)       Tab         2. Transaction Date (Month/Day/Year)       2A. Deemed Execution Date, if any (Month/Day/Year)         09/18/2008       [Secution Date, if any (Month/Day/Year)]         09/18/2008       [Secution Date, if any (Month/Date, if any (Month/Date, if any (Month/Date, if any (Month/Date, if any (Month, if any (M	Opko Health, Inc. [OPK]           (Middle)         3. Date of Earliest Transactio 09/18/2008           (Zip)         Table I - Non- Execution Date (Instr. 8) 2A. Deemed Execution Date, if any (Month/Day/Year)         3. Transaction Code (Instr. 8)           2. Transaction Date (Month/Day/Year)         A. Deemed Execution Date, if any (Month/Day/Year)         3. Transaction Code (Instr. 8)           09/18/2008         Image: Code (Instr. 8)         P           09/18/2008         Image: Code (Instr. 8)         P	Opko Health, Inc. [OPK]           (Middle)         3. Date of Earliest Transaction (M 09/18/2008           (Zip)         Table I - Non-Veri Date           2. Transaction Date (Month/Day/Year)         2A. Deemed Execution Date, if any (Month/Day/Year)         3. Transaction Code         V           09/18/2008         2A. Deemed Execution Date, if any (Month/Day/Year)         1         1           09/18/2008         2A. Deemed Execution Date, if any (Month/Day/Year)         1         1           09/18/2008         2A. Deemed Execution Date, if any (Month/Day/Year)         P         1	Opko Health, Inc. [OPK]           (Middle)         3. Date of Earliest Transaction (Month/Day 09/18/2008           (Zip)         Table I - Non-Derivative See           (Zip)         Table I - Non-Derivative See           2. Transaction Date (Month/Day/Year)         3. Transaction Code Execution Date, if (Instr. 3)         3. Transaction Code (Instr. 3)         4. Secur (A) or D (Instr. 3)           09/18/2008         2A. Deemed Execution Date, if (Month/Day/Year)         3. Transaction (Instr. 3)         4. Secur (A) or D (Instr. 3)           09/18/2008         2A. Deemed Execution Date, if (Month/Day/Year)         3. Transaction (Instr. 3)         4. Secur (A) or D (Instr. 3)           09/18/2008         2A. Deemed Execution Date, if (Month/Day/Year)         3. Transaction (Instr. 3)         4. Secur (A) or D (Instr. 3)           09/18/2008         Internation (Month/Day/Year)         P         I         3. 3349           09/18/2008         Internation (Month/Day/Year)         P         I         800           09/18/2008         Internation (Month/Day/Year)         P         I         800           09/18/2008         Internation (Month/Day/Year)         P         I         I           09/18/2008         Internation (Month/Day/Year)         P         I         I           09/18/2008         Internation (Month/Day/Year)         P </td <td>Opko Health, Inc. [OPK]           (Middle)         3. Date of Earliest Transaction (Month/Day/Year) 09/18/2008           (Zip)         Table I - Non-Jervite Securities Ac (A) or Disposed (Instr. 8)           (Zip)         Code Execution Date, if (Month/Day/Year)         3. Transaction (Code (Instr. 8)         4. Securities Ac (A) or Disposed (D) (Instr. 3, 4 and 5)           (Display/Year)         Code (Instr. 8)         Q         Amount (D)         (A) or (D)           (Display/Year)         (Month/Day/Year)         S. Transaction (Month/Day/Year)         Name         Amount (D)         (A) or (D)           (Display/Year)         (Month/Day/Year)         S. Transaction (Month/Day/Year)         Name         Amount (D)         (A) or (D)           (Display/Year)         (Month/Day/Year)         (Month/Day/Year)         Name         Amount (D)         (D)           (Display/Year)         (Month/Day/Year)         (Month/Day/Year)         (Month/Day/Year)         (Month/Day/Year)         (Month/Day/Year)           (Display/Year)         (Month/Day/Year)         (Month/Day/Year)         (Month/Day/Year)         (Month/Day/Year)         (Month/Day/Year)           (Display/Year)         (Month/Day/Year)         (Month/Day/Year)         (Month/Day/Year)         (Month/Day/Year)         (Month/Day/Year)           (Display/Year)         (Month/Day/Year)</td> <td>Opko Health, Inc. [OPK]           (Middle)         3. Date of Earliest Transaction (Month/Day/Year) (Month/Day/Year)           (Zip)         Table I - Non-Derivative Securities Acquire (A. If Amendment, Date of Gode (Instr. 3.)         4. Securities Acquired (A) or Disposed of (D) (Instr. 3. 4 and 5)           (Month/Day/Year)         3. Transaction (A) or Disposed of (D)         4. Securities Acquired (A) or Disposed of (D)           09/18/2008         P         1         3.349         A         \$ 1.45           09/18/2008         P         1         511         A         \$ 1.46           09/18/2008         P         600         A         \$ 1.47           09/18/2008         P         1         511         A         \$ 1.48           09/18/2008         P         2         0.600         A         \$ 1.49           09/18/2008         P         8         A         \$ 1.48           09/18/2008         P         1         600         A         \$ 1.49           09/18/2008         P         1         600         A         \$ 1.51           09/18/2008         P         9         0         0         A         \$ 1.52           09/18/2008         P         9         0         0         A</td> <td>Opko Health, Inc. [OPK]         (Check all application of the optical system of the opti</td> <td>Opko Health, Inc. [OPK]         Interpretation of the other othe</td>	Opko Health, Inc. [OPK]           (Middle)         3. Date of Earliest Transaction (Month/Day/Year) 09/18/2008           (Zip)         Table I - Non-Jervite Securities Ac (A) or Disposed (Instr. 8)           (Zip)         Code Execution Date, if (Month/Day/Year)         3. Transaction (Code (Instr. 8)         4. Securities Ac (A) or Disposed (D) (Instr. 3, 4 and 5)           (Display/Year)         Code (Instr. 8)         Q         Amount (D)         (A) or (D)           (Display/Year)         (Month/Day/Year)         S. Transaction (Month/Day/Year)         Name         Amount (D)         (A) or (D)           (Display/Year)         (Month/Day/Year)         S. Transaction (Month/Day/Year)         Name         Amount (D)         (A) or (D)           (Display/Year)         (Month/Day/Year)         (Month/Day/Year)         Name         Amount (D)         (D)           (Display/Year)         (Month/Day/Year)         (Month/Day/Year)         (Month/Day/Year)         (Month/Day/Year)         (Month/Day/Year)           (Display/Year)         (Month/Day/Year)         (Month/Day/Year)         (Month/Day/Year)         (Month/Day/Year)         (Month/Day/Year)           (Display/Year)         (Month/Day/Year)         (Month/Day/Year)         (Month/Day/Year)         (Month/Day/Year)         (Month/Day/Year)           (Display/Year)         (Month/Day/Year)	Opko Health, Inc. [OPK]           (Middle)         3. Date of Earliest Transaction (Month/Day/Year) (Month/Day/Year)           (Zip)         Table I - Non-Derivative Securities Acquire (A. If Amendment, Date of Gode (Instr. 3.)         4. Securities Acquired (A) or Disposed of (D) (Instr. 3. 4 and 5)           (Month/Day/Year)         3. Transaction (A) or Disposed of (D)         4. Securities Acquired (A) or Disposed of (D)           09/18/2008         P         1         3.349         A         \$ 1.45           09/18/2008         P         1         511         A         \$ 1.46           09/18/2008         P         600         A         \$ 1.47           09/18/2008         P         1         511         A         \$ 1.48           09/18/2008         P         2         0.600         A         \$ 1.49           09/18/2008         P         8         A         \$ 1.48           09/18/2008         P         1         600         A         \$ 1.49           09/18/2008         P         1         600         A         \$ 1.51           09/18/2008         P         9         0         0         A         \$ 1.52           09/18/2008         P         9         0         0         A	Opko Health, Inc. [OPK]         (Check all application of the optical system of the opti	Opko Health, Inc. [OPK]         Interpretation of the other othe	

(e.g., puts, calls, warrants, options, convertible securities)												

1. Title of	2.	3. Transaction	3A. Deemed	4.		5. Nu	mber	6. Date Exer	rcisable	7. Ti	tle and	8. Price of	9. Number of	10.	11. Nature
Derivative	Conversion	Date	Execution Date, if	Transact	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	erlying	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	r. 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	. 3,						(Instr. 4)	(Instr. 4)	
						4, and	<del>15)</del>		1		Amount				
								Date	Expiration Date	Title	Number				
								Exercisable	Date	1 Itic	of				
				Code	v	(A)	(D)				Shares				

# **Reporting Owners**

Describer Orace Name (Address	Relationships						
Reporting Owner Name / Address	Director	10% Owner	Officer	Other			
FROST PHILLIP MD ET AL 4400 BISCAYNE BLVD MIAMI, FL 33137-3227	Х	Х	CEO & Chairman				
Frost Gamma Investments Trust 4400 BISCAYNE BOULEVARD, 15TH FLOOR MIAMI, FL 33137		Х					

## Signatures

/s/ Phillip Frost MD	09/22/2008
Signature of Reporting Person	Date
/s/ Phillip Frost MD, as trustee	09/22/2008
**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
- (1) shareholder of 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

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Name:	Frost Gamma Investments Trust
Address:	4400 Biscayne Blvd Miami, FL 33137
Designated Filer:	Phillip Frost, M.D.
Issuer Name and Tic	ker Symbol: OPKO Health, Inc. (OPK)

Date of Earliest Transaction: September 18, 2008

Relationship to Issuer: 10% Owner

#### FROST GAMMA INVESTMENTS TRUST

by: /s/ Phillip Frost MD, as trustee

Phillip Frost, M.D., Trustee