

INITIAL STATEMENT OF BENEFICIAL OWNERSHIP OF  
SECURITIESFiled 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 Person* <u>MILLER FREDERICK V</u>  (Last) (First) (Middle) <u>1301 CONCORD TERRACE</u>  (Street) <u>SUNRISE FL 33323-2825</u>  (City) (State) (Zip)	2. Date of Event Requiring Statement (Month/Day/Year) <u>08/11/2008</u>	3. Issuer Name and Ticker or Trading Symbol <u>PEDIATRIX MEDICAL GROUP INC [ PDX ]</u>	
		4. Relationship of Reporting Person(s) to Issuer (Check all applicable) Director 10% Owner <input checked="" type="checkbox"/> Officer (give title below) Other (specify below) <u>President, Pediatrix Division</u>	5. If Amendment, Date of Original Filed (Month/Day/Year)  6. Individual or Joint/Group Filing (Check Applicable Line) <input checked="" type="checkbox"/> Form filed by One Reporting Person Form filed by More than One Reporting Person

Table I - Non-Derivative Securities Beneficially Owned

1. Title of Security (Instr. 4)	2. Amount of Securities Beneficially Owned (Instr. 4)	3. Ownership Form: Direct (D) or Indirect (I) (Instr. 5)	4. Nature of Indirect Beneficial Ownership (Instr. 5)
Common Stock	5,833 <sup>(1)</sup>	D	
Common Stock	30,187	D	
Common Stock	32,965 <sup>(2)</sup>	D	
Common Stock	34,146 <sup>(3)</sup>	D	

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

1. Title of Derivative Security (Instr. 4)	2. Date Exercisable and Expiration Date (Month/Day/Year)		3. Title and Amount of Securities Underlying Derivative Security (Instr. 4)		4. Conversion or Exercise Price of Derivative Security	5. Ownership Form: Direct (D) or Indirect (I) (Instr. 5)	6. Nature of Indirect Beneficial Ownership (Instr. 5)
	Date Exercisable	Expiration Date	Title	Amount or Number of Shares			
Stock Options (Right to buy)	(4)	02/10/2013	Common Stock	6,800 <sup>(4)</sup>	15.1	D	
Stock Options (Right to buy)	(5)	02/05/2014	Common Stock	26,434 <sup>(5)</sup>	32.63	D	
Stock Options (Right to buy)	(6)	06/01/2016	Common Stock	10,625 <sup>(6)</sup>	44.7	D	
Stock Options (Right to buy)	(7)	06/02/2018	Common Stock	17,500 <sup>(7)</sup>	55.43	D	
Stock Options (Right to buy)	(8)	06/01/2017	Common Stock	12,500 <sup>(8)</sup>	57.09	D	

## Explanation of Responses:

- Restricted Shares granted under Issuer's 2008 Incentive Compensation Plan which vest in three equal installments on June 1, 2009, 2010 and 2011.
- Restricted Shares granted under Issuer's 2004 Incentive Compensation Plan which vest in equal installments on June 1, 2009 and June 1, 2010.
- Restricted Shares granted under Issuer's 2004 Incentive Compensation Plan which vest on June 1, 2009.
- Stock Options granted under Issuer's Amended and Restated Stock Option Plan and were exercisable in full on February 10, 2006.
- Stock Options granted under Issuer's Amended and Restated Stock Option Plan and were exercisable in full on February 5, 2007.
- Stock Options granted under Issuer's 2004 Incentive Compensation Plan, 7,083 of which were exercisable in full on June 1, 2008 and the remainder of which become exercisable on June 1, 2009.
- Stock Options granted under Issuer's 2008 Incentive Compensation Plan which vest in three equal installments on June 1, 2009, 2010 and 2011.
- Stock Options granted under Issuer's 2004 Incentive Compensation Plan, 4,167 of which became exercisable on June 1, 2008 and the remainder becomes exercisable in equal installments on June 1, 2009 and June 1, 2010.

FREDERICKVMILLER, M.D. 08/21/2008

\*\* Signature of Reporting Person Date

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

\* If the form is filed by more than one reporting person, see Instruction 5 (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).

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

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 Number.