

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or Section 30(h) of the Investment Company Act of 1940

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

1. Name and Address of Reporting Person* <u>WAGNER KARL B</u> (Last) (First) (Middle) <u>1301 CONCORD TERRACE</u> (Street) <u>SUNRISE FL 33323-2825</u> (City) (State) (Zip)	2. Issuer Name and Ticker or Trading Symbol <u>PEDIATRIX MEDICAL GROUP INC [PDX]</u>	5. 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>Chief Financial Officer</u>
	3. Date of Earliest Transaction (Month/Day/Year) <u>08/31/2007</u>	
4. If Amendment, Date of Original Filed (Month/Day/Year)		

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

1. Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transaction Code (Instr. 8)		4. Securities Acquired (A) or Disposed Of (D) (Instr. 3, 4 and 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)	7. Nature of Indirect Beneficial Ownership (Instr. 4)
			Code	V	Amount	(A) or (D)	Price			
Common Stock	08/31/2007		M		11,719	A	\$44.7	118,243 ⁽¹⁾	D	
Common Stock	08/31/2007		S ⁽²⁾		1,719	D	\$59.7	116,524 ⁽¹⁾	D	
Common Stock	09/04/2007		S ⁽²⁾		6,200	D	\$59.7	110,324 ⁽¹⁾	D	
Common Stock	09/04/2007		S ⁽²⁾		1,600	D	\$59.71	108,724 ⁽¹⁾	D	
Common Stock	09/04/2007		S ⁽²⁾		500	D	\$59.72	108,224 ⁽¹⁾	D	
Common Stock	09/04/2007		S ⁽²⁾		100	D	\$59.73	108,124 ⁽¹⁾	D	
Common Stock	09/04/2007		S ⁽²⁾		300	D	\$59.75	107,824 ⁽¹⁾	D	
Common Stock	09/04/2007		S ⁽²⁾		100	D	\$59.76	107,724 ⁽¹⁾	D	
Common Stock	09/04/2007		S ⁽²⁾		200	D	\$59.77	107,524 ⁽¹⁾	D	
Common Stock	09/04/2007		S ⁽²⁾		1,000	D	\$59.88	106,524 ⁽¹⁾	D	

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)	3A. Deemed Execution Date, if any (Month/Day/Year)	4. Transaction Code (Instr. 8)		5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)		6. Date Exercisable and Expiration Date (Month/Day/Year)		7. Title and Amount of Securities Underlying Derivative Security (Instr. 3 and 4)		8. Price of Derivative Security (Instr. 5)	9. Number of derivative Securities Beneficially Owned Following Reported Transaction(s) (Instr. 4)	10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)
				Code	V	(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares				
Stock Options (Right to buy)	\$44.7	08/31/2007		M			11,719 ⁽³⁾	06/01/2007	06/01/2006	Common Stock	11,719	\$0	23,437	D	

Explanation of Responses:

- Includes (1) 73,907 shares of common stock beneficially owned by RMMR Properties L.P., a Delaware limited partnership controlled by the reporting person, and (2) 2,234 shares directly owned by RMMR Properties L.P. that were acquired through the issuer's employee stock purchase plans.
- These sales have been executed pursuant to a Rule 10b5-1 trading plan adopted by the reporting person effective December 14, 2004.
- These stock options were granted under the Issuer's 2004 Incentive Compensation Plan and became exercisable on June 1, 2007.

KARL B WAGNER

09/05/2007

** 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 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).

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.