

SECURITIES AND EXCHANGE COMMISSION  
Washington, DC 20549

FORM 11-K

ANNUAL REPORT  
PURSUANT TO SECTION 15(d) OF THE  
SECURITIES EXCHANGE ACT OF 1934

(Mark One):

ANNUAL REPORT PURSUANT TO SECTION 15(d) OF THE SECURITIES EXCHANGE ACT OF 1934 [NO FEE REQUIRED, EFFECTIVE OCTOBER 7, 1996].

For the fiscal year ended December 31, 2003

Or

TRANSITION REPORT PURSUANT TO SECTION 15(d) OF THE SECURITIES EXCHANGE ACT OF 1934 [NO FEE REQUIRED].

For the transition period from \_\_\_\_\_ to \_\_\_\_\_

Commission file number 0-26762

A. Full title of the plan and the address of the plan, if different from that of the issuer named below: PEDIATRIX MEDICAL GROUP THRIFT AND PROFIT SHARING PLAN

B. Name of issuer of the securities held pursuant to the plan and the address of its principal executive office:

PEDIATRIX MEDICAL GROUP, INC.  
1301 Concord Terrace  
Sunrise, Florida 33323-2825

TABLE OF CONTENTS

	PAGE(S)
REPORT OF INDEPENDENT REGISTERED CERTIFIED PUBLIC ACCOUNTING FIRM.....	1
FINANCIAL STATEMENTS	
Statements of Net Assets Available for Benefits as of December 31, 2003 and 2002.....	2
Statements of Changes in Net Assets Available for Benefits for the Years Ended December 31, 2003 and 2002.....	3
Notes to Financial Statements.....	4-9
SUPPLEMENTAL SCHEDULE	
Schedule H, Line 4i - Schedule of Assets (Held at End of Year).....	10

\* Other schedules required by Section 2520.103-10 of the Department of Labor Rules and Regulations for Reporting and Disclosure under the Employment Retirement Income Security Act of 1974 have been omitted because they are not applicable.

REPORT OF INDEPENDENT REGISTERED CERTIFIED PUBLIC ACCOUNTING FIRM

To the Participants and Administrator of the  
Pediatrix Medical Group  
Thrift and Profit Sharing Plan

In our opinion, the accompanying statements of net assets available for benefits and the related statements of changes in net assets available for benefits present fairly, in all material respects, the net assets available for benefits of the Pediatrix Medical Group Thrift and Profit Sharing Plan as amended and restated (the "Plan") at December 31, 2003 and 2002, and the changes in net assets available for benefits for the years then ended in conformity with accounting principles generally accepted in the United States of America. These financial statements are the responsibility of the Plan's management. Our responsibility is to express an opinion on these financial statements based on our audits. We conducted our audits of these statements in accordance with standards of the Public Company Accounting Oversight Board (United States). Those standards require that we plan and perform the audit to obtain reasonable assurance about whether the financial statements are free of material misstatement. An audit includes examining, on a test basis, evidence supporting the amounts and disclosures in the financial statements, assessing the accounting principles used and significant estimates made by management, and evaluating the overall financial statement presentation. We believe that our audits provide a reasonable basis for our opinion.

Our audits were conducted for the purpose of forming an opinion on the basic financial statements taken as a whole. The supplemental Schedule H, Line 4i - Schedule of Assets (Held at End of Year) is presented for the purpose of additional analysis and is not a required part of the basic financial statements but is supplementary information required by the Department of Labor's Rules and Regulations for Reporting and Disclosure under the Employee Retirement Income Security Act of 1974. The supplemental schedule is the responsibility of the Plan's management. The supplemental schedule has been subjected to the auditing procedures applied in the audits of the basic financial statements and, in our opinion, is fairly stated in all material respects in relation to the basic financial statements taken as a whole.

/s/ PricewaterhouseCoopers LLP

Ft. Lauderdale, Florida  
June 18, 2004

PEDIATRIX MEDICAL GROUP  
 THRIFT AND PROFIT SHARING PLAN  
 STATEMENTS OF NET ASSETS AVAILABLE FOR BENEFITS  
 AS OF DECEMBER 31, 2003 AND 2002

-----

	2003	2002
	-----	-----
ASSETS		
Investments, at fair value	\$87,498,631	\$54,993,664
Receivables		
Employer contributions	6,044,365	5,598,339
Participant contributions	318,837	347,274
	-----	-----
Total assets	93,861,833	60,939,277
LIABILITIES		
Distribution payable	1,305	--
	-----	-----
Net assets available for benefits	\$93,860,528	\$60,939,277
	=====	=====

The accompanying notes are an integral part of these financial statements.

Pediatric Medical Group  
 Thrift and Profit Sharing Plan  
 Statements of Changes in Net Assets Available for Benefits  
 For the Years Ended December 31, 2003 and 2002

	2003	2002
	-----	-----
ADDITIONS TO NET ASSETS ATTRIBUTED TO		
Investment income		
Interest and dividend income	\$ 1,077,410	\$ 804,648
Net appreciation (depreciation) in the fair value of investments	15,447,306	(7,776,022)
	-----	-----
Net investment gain (loss)	16,524,716	(6,971,374)
	-----	-----
CONTRIBUTIONS		
Employer	6,044,365	5,598,339
Participants	12,641,012	10,634,447
	-----	-----
Total contributions	18,685,377	16,232,786
	-----	-----
Total additions	35,210,093	9,261,412
	-----	-----
DEDUCTIONS FROM NET ASSETS ATTRIBUTED TO		
Benefits paid to participants	2,276,439	2,091,811
Administrative expenses	12,403	8,656
	-----	-----
Total deductions	2,288,842	2,100,467
	-----	-----
Net increase prior to transfer from other plan	32,921,251	7,160,945
	-----	-----
TRANSFER FROM OTHER PLAN		
Transfer from Magella Healthcare Inc. 401(k) Plan	--	9,185,348
	-----	-----
Net increase	32,921,251	16,346,293
NET ASSETS AVAILABLE FOR BENEFITS		
Beginning of year	60,939,277	44,592,984
	-----	-----
End of year	\$ 93,860,528	\$ 60,939,277
	=====	=====

The accompanying notes are an integral part of these financial statements.

1. DESCRIPTION OF PLAN

Pediatric Medical Group, Inc. (the "Company") sponsors the Pediatric Medical Group Thrift and Profit Sharing Plan as amended and restated (the "Plan") which was adopted on January 1, 1991 and restated as amended in November 2002.

Effective January 2, 2002, the Magella Healthcare Inc. 401(k) Plan (the "Magella Plan") merged with the Plan. Accordingly, all of the assets of the Magella Plan were transferred to the Plan on such date.

The following description of the Plan is provided for general information purposes only. More complete information regarding items such as vesting, benefit provisions and plan termination may be found in the Plan document which is available to all participants upon request.

GENERAL

The Plan is a tax qualified defined contribution plan covering substantially all of the Company's eligible employees and the employees of the professional associations whose operations are consolidated with the Company. The Plan is subject to the provisions of the Employee Retirement Income Security Act of 1974 ("ERISA").

ELIGIBILITY AND ENTRY DATA

An employee becomes eligible to participate in the Plan on the first day of each calendar quarter after having attained age 21.

CONTRIBUTIONS

The Company may, at the discretion of its Board of Directors, contribute for each participant a matching contribution determined annually based on a percentage of the participant's pre-tax contributions. In addition, the Company may also make discretionary profit sharing contributions to the Plan at amounts determined at the end of the Plan year by the Board of Directors.

Effective April 1, 2002, participants may elect to make voluntary pre-tax contributions up to 60 percent of annual compensation including regular salary and wages, overtime pay, bonuses and commissions through payroll deductions. Previously, participants had the option to make voluntary pre-tax contributions, not to exceed 20 percent of their eligible compensation. Such contributions are excluded from the participant's taxable income for federal income tax purposes until received as a withdrawal or distribution from the Plan. Contributions are subject to certain limitations. The maximum pre-tax contributions for the years ended December 31, 2003 and 2002 were \$12,000 and \$11,000, respectively. In addition to any pre-tax contributions, participants may make after tax contributions, not to exceed 10 percent of the participant's compensation.

The Plan provides that participants who are projected to be age 50 or older by the end of the calendar year and who are making deferral contributions to the Plan may also make catch-up contributions of up to \$2,000 and \$1,000 during the years ended December 31, 2003 and 2002, respectively.

ROLLOVERS

The Plan accepts rollover contributions from other tax-qualified plans for those participants who choose to invest in the Plan.

#### PARTICIPANT ACCOUNTS

Each participant's account is credited with the participant's contribution and an allocation of (a) the Company's discretionary contributions and (b) the Plan's earnings and losses. Allocation of the Plan's earnings or losses in each investment option are made to the individual participant's account based on the ratio of each participant's current account balance in the respective investment option to total Plan participants' account balances in the respective investment option. The benefit to which a participant is entitled is the benefit that can be provided from the participant's vested account.

#### INVESTMENT OPTIONS

Upon enrollment in the Plan, a participant may direct contributions to the Plan in any of the following investment options at December 31, 2003:

- o Fidelity Fund - Fund seeks to provide long-term capital growth by investing in common stock of large companies.
- o Fidelity Puritan Fund - Fund seeks to provide income and capital growth by investing in a diversified portfolio of domestic and foreign common stocks, preferred stocks and bonds.
- o Fidelity Contrafund - Fund seeks to provide capital appreciation by investing in common stocks of undervalued companies.
- o Fidelity Investment Grade Bond Fund - Fund seeks to provide a high level of current income by investing in investment-grade, fixed-income securities.
- o Fidelity Growth and Income Portfolio - Fund seeks to provide a high total return through a combination of current income and capital appreciation by investing primarily in U.S. and foreign stocks.
- o Fidelity Overseas Fund - Fund seeks to provide long-term growth of capital by investing in foreign securities.
- o Fidelity Blue Chip Growth Fund - Fund seeks to provide long-term capital growth by investing in a diversified portfolio of common stocks of established domestic and foreign companies considered industry leaders.
- o Fidelity Worldwide Fund - Fund seeks to provide capital growth by investing in securities issued anywhere in the world.
- o Fidelity Equity-Income II Fund - Fund seeks to provide reasonable income by investing in income-producing domestic and foreign equity securities.
- o Fidelity Ginnie Mae Fund - Fund seeks to provide high current income by investing in U.S. Government securities and instruments related to U.S. Government securities.
- o Fidelity Managed Income Portfolio - Fund seeks preservation of capital while earning interest income by investing in investment contracts offered by major insurance companies and other approved financial institutions and in certain types of fixed income securities.
- o Spartan U.S. Equity Index Fund - Fund seeks to provide capital appreciation by investing mainly in common stocks included in the S&P 500 and lending securities.
- o Fidelity Retirement Money Market Portfolio - Fund seeks to provide a high level of current income by investing in high quality, short-term money market securities.

- o Pediatrx Stock Fund - Fund seeks to provide an increase in value of this investment over the long term by investing in the common stock of the Company purchased in the open market.
- o Neuberger & Berman Genesis Fund - Trust Class - Fund seeks to provide growth of capital by investing mainly in common stocks of small-cap companies.
- o Invesco Dynamics Fund - Investor Class - Fund seeks to provide an increase in investment over the long-term through capital growth by investing primarily in common stocks of U.S. companies traded on national securities exchanges and the over-the counter market.
- o Fidelity Freedom Income Fund - Fund seeks to provide high current income and, as second objective, capital appreciation by investing in Fidelity stock, bond, and money market mutual funds.
- o Fidelity Freedom 2000 Fund - Fund seeks to provide high total return by investing approximately 23%, 40% and 37% in Fidelity stock, bond, and money market mutual funds, respectively.
- o Fidelity Freedom 2010 Fund - Fund seeks to provide high total returns by investing approximately 45%, 45% and 10% in Fidelity stock, bond, and money market mutual funds, respectively.
- o Fidelity Freedom 2020 Fund - Fund seeks to provide high total returns by investing approximately 70% and 30% in Fidelity stock and bond mutual funds, respectively.
- o Fidelity Freedom 2030 Fund - Fund seeks to provide high total returns by investing approximately 82% and 18% in Fidelity stock and bond mutual funds, respectively.
- o Fidelity Freedom 2040 Fund - Fund seeks to provide high total returns by investing approximately 88% and 12% in Fidelity stock mutual funds and bond mutual funds, respectively.

PAYMENT OF BENEFITS

Upon normal retirement, death, disability or termination, participants may elect to receive their vested account balance as a lump-sum distribution; or have their account balance transferred to an individual retirement account or other qualified plan.

VESTING

Participants are immediately vested in their contributions plus actual earnings thereon. Vesting in the portion of their accounts related to the Company's contribution plus related earnings is based on years of credited service. A participant is fully vested after three years of credited service as follows:

Years of Service -----	Vested Percentage -----
Less than 1	0%
1	30%
2	60%
3	100%



#### PARTICIPANTS LOANS

Participants may borrow from their fund accounts a minimum of \$1,000 up to a maximum equal to the lesser of 50 percent of their account balance or \$50,000 reduced by the highest outstanding loan balance in their account during the prior twelve month period. The loans are collateralized by the balance in the participant's account and bear interest at rates ranging between 5.25% and 9.0%, which is commensurate with local prevailing rates as determined by the Plan Administrator. Repayments of principal and interest are credited back to the participant's account through payroll deductions on a minimum of a quarterly basis. The term of the loan must not exceed five years, except for qualified home loans, which must not exceed ten years.

#### FORFEITURES

Forfeitures of the non-vested portion of participant's account balances related to the Company's contributions are used to offset future Company contributions. Forfeitures held in the Plan totaled \$74,182 and \$79,049 at December 31, 2003 and 2002, respectively.

#### PLAN TERMINATION

While the Company has not expressed any intent to terminate the Plan, it reserves the right at any time to amend, modify or terminate the Plan without the consent of any participant or beneficiary. In the event of such termination, the Plan provides that the participants shall become 100 percent vested in their accounts, including all employer contributions.

#### PLAN ADMINISTRATION

The Plan is administered by certain employees of the Company (the "Plan Administrator"). The Plan's assets were maintained by Fidelity Management Trust Company ("Fidelity"), the trustee of the Plan, for the years ended December 31, 2003 and 2002.

## 2. SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES

#### BASIS OF ACCOUNTING

The financial statements of the Plan are prepared under the accrual method of accounting in conformity with accounting principles generally accepted in the United States of America.

#### USE OF ESTIMATES

The preparation of financial statements in conformity with accounting principles generally accepted in the United States of America requires management to make estimates and assumptions that affect the reported amounts of assets and liabilities and disclosure of contingent assets and liabilities at the date of the financial statements and the reported amounts of additions and deductions to net assets available for benefits during the reporting period. Actual results could differ from those estimates.

#### RISKS AND UNCERTAINTIES

The Plan provides for various investment options. Investment securities are exposed to various risks, such as interest rate, market and credit risk. Due to the level of risk associated with certain investment securities and the level of uncertainty related to changes in the value of investment securities, it is at least reasonably possible that changes in risks in the near term could materially affect participants' account balances and the amounts reported in the statements of net assets available for benefits and the statements of changes in net assets available for benefits.

-----  
 INVESTMENT VALUATION AND INCOME RECOGNITION

The fair value of investments held by the Plan has been determined by the trustee based on quoted market values of publicly traded investments.

The Plan presents in the statements of changes in net assets available for benefits, the net appreciation (depreciation) in fair value of investments which consists of realized gains or losses and the unrealized appreciation (depreciation) on those investments. All investment transactions are recorded by the Plan as of the trade date. Gains or losses on sale of investments are determined by the specific identification method. Interest income is recorded as earned on an accrual basis. Dividends are recorded based on the ex-dividend date.

ADMINISTRATIVE EXPENSES

All costs incurred in administering the Plan are paid by the Company except for certain broker fees that are paid out of the various investment options.

3. INVESTMENTS

The following presents investments that represent 5 percent or more of the Plan's net assets at December 31 at fair value:

Description of Investment -----	2003 -----	2002 -----
Fidelity Fund	\$ 5,430,831	\$3,628,811
Fidelity Puritan Fund	5,332,485	3,613,806
Fidelity Contrafund	9,287,786	5,609,683
Fidelity Growth and Income Portfolio	8,830,951	5,953,842
Fidelity Blue Chip Growth Fund	10,132,331	6,129,323
Fidelity Equity-Income II Fund	6,786,707	4,052,912
Fidelity Retirement Money Market Portfolio	5,159,179	3,851,163
Neuberger & Berman Genesis Fund - Trust Class	5,010,212	*
Pediatrics Stock Fund	7,140,507	4,627,909

\* Investment did not represent 5% or more of the net assets available for benefits as of the respective year-end.

4. TAX STATUS

The Plan is an adoption of the standardized prototype plan written by Fidelity Management & Research Company. The prototype sponsor received a favorable determination letter dated December 5, 2001 in which the Internal Revenue Service stated that the prototype plan, as then designated, was in compliance with applicable requirements of the Internal Revenue Code (the "IRC"). The prototype plan underwent an amendment during 2002 and the Internal Revenue Service issued a favorable determination letter dated October 9, 2003 in which the Internal Revenue Service stated that the amendment did not in and of itself adversely affect the Plan's acceptability under the applicable sections of the IRC. Therefore, the Plan Administrator believes that the Plan was

qualified and the related trust was tax exempt as of the financial statement date. Accordingly, no provision for federal income taxes has been made.

5. DISTRIBUTION PAYABLE

Distribution payable pertains to participant pre-tax contributions which exceed the maximum annual dollar limit as established by the IRC. During the year ended December 31, 2003, the Plan failed two of the discrimination tests and at December 31, 2003, the Plan had a liability for excess contributions of \$1,305. Such amount was refunded to the participants by April 15, 2004 in order to bring the Plan into compliance with the IRC. The Plan was in compliance with such discrimination tests for the year ended December 31, 2002.

6. PARTY-IN-INTEREST TRANSACTIONS

Certain of the Plan's investments are shares of mutual funds managed by Fidelity. Fidelity is the trustee as defined in the Plan and, therefore, these transactions qualify as party-in-interest. Participants' loans are granted and administered by Fidelity and, therefore, these loan transactions qualify as party-in-interest. The Pediatrix Stock Fund invests in the Company's common stock and, therefore, these investment transactions qualify as party-in-interest. All fees and expenses of the Plan for legal, accounting, recordkeeping and other administrative services are paid by the Company.

7. RECONCILIATIONS OF FINANCIAL STATEMENTS TO FORM 5500

The following is a reconciliation of net assets available for benefits per the financial statements to the Form 5500 for the years ended December 31:

2003	2002	--
-----	-----	-----
Net assets available for benefits per the financial statements \$	93,860,528	\$
60,939,277		
Plus:		
Benefit claims payable	1,305	--
-----	-----	-----
Net assets available for benefits per the Form 5500 \$	93,861,833	\$
60,939,277		
=====		
Benefit claims payable are recorded on the Form 5500 for distributions requested by participants prior to		

year-end,  
but not yet  
returned as  
of that  
date. 9

PEDIATRIX  
MEDICAL  
GROUP THRIFT  
AND PROFIT  
SHARING PLAN  
SCHEDULE H,  
LINE 4I --  
SCHEDULE OF  
ASSETS (HELD  
AT END OF  
YEAR)  
DECEMBER 31,  
2003 - -----  
-----  
-----  
-----  
-----  
-----  
-----

--- (c)  
Description  
of  
Investment  
(b) Identity  
of Issue,  
Borrower,  
Including  
Maturity  
Date, Rate  
of Interest,  
(e) Current  
(a) Lessor  
or Similar  
Party  
Collateral,  
Par or  
Maturity  
Value (d)  
Cost \*\*

Value - ----  
-----  
-----  
-----  
-----  
-----  
-----  
-----  
-----  
-----  
-----  
-----

----- \*  
Fidelity  
Management  
Trust  
Company  
Fidelity  
Fund \$  
5,430,831 \*  
Fidelity  
Management  
Trust  
Company  
Fidelity  
Puritan Fund  
5,332,485 \*  
Fidelity  
Management  
Trust  
Company  
Fidelity  
Contrafund  
9,287,786 \*  
Fidelity  
Management  
Trust  
Company

Fidelity  
Investment  
Grade Bond  
Fund  
3,753,704 \*  
Fidelity  
Management  
Trust  
Company  
Fidelity  
Growth and  
Income  
Portfolio  
8,830,951 \*  
Fidelity  
Management  
Trust  
Company  
Fidelity  
Overseas  
Fund  
3,338,302 \*  
Fidelity  
Management  
Trust  
Company  
Fidelity  
Blue Chip  
Growth Fund  
10,132,331 \*  
Fidelity  
Management  
Trust  
Company  
Fidelity  
Worldwide  
Fund  
3,073,576 \*  
Fidelity  
Management  
Trust  
Company  
Fidelity  
Equity-  
Income II  
Fund  
6,786,707 \*  
Fidelity  
Management  
Trust  
Company  
Fidelity  
Retirement  
Money Market  
Portfolio  
5,159,179 \*  
Pediatrix  
Medical  
Group, Inc.  
Pediatrix  
Stock Fund  
7,140,507  
Invesco  
Funds Group,  
Inc. Invesco  
Dynamics  
Fund -  
Investor  
Class  
3,831,938  
Neuberger  
Berman  
Management,  
Inc.  
Neuberger &  
Berman  
Genesis Fund  
- Trust  
Class  
5,010,212 \*  
Fidelity

Management  
 Trust  
 Company  
 Fidelity  
 Ginnie Mae  
 Fund  
 1,197,919 \*  
 Fidelity  
 Management  
 Trust  
 Company  
 Fidelity  
 Managed  
 Income  
 Portfolio  
 2,954,291 \*  
 Fidelity  
 Management  
 Trust  
 Company  
 Spartan U.S.  
 Equity Index  
 Fund  
 2,154,109 \*  
 Fidelity  
 Management  
 Trust  
 Company  
 Fidelity  
 Freedom  
 Income Fund  
 94,260 \*  
 Fidelity  
 Management  
 Trust  
 Company  
 Fidelity  
 Freedom 2000  
 Fund 150,527  
 \* Fidelity  
 Management  
 Trust  
 Company  
 Fidelity  
 Freedom 2010  
 Fund 940,625  
 \* Fidelity  
 Management  
 Trust  
 Company  
 Fidelity  
 Freedom 2020  
 Fund 857,125  
 \* Fidelity  
 Management  
 Trust  
 Company  
 Fidelity  
 Freedom 2030  
 Fund 797,559  
 \* Fidelity  
 Management  
 Trust  
 Company  
 Fidelity  
 Freedom 2040  
 Fund 144,271  
 \*

Participants'  
 Loans Loans  
 to  
 participants,  
 5.25 -  
 9.00%,  
 various  
 maturities  
 1,099,436 --  
 -----  
 \$ 87,498,631  
 =====

- - - - -

- \* Represents a party-in-interst.
- \*\* Cost omitted for participant directed investments.

SIGNATURES

The Plan. Pursuant to the requirements of the Securities Exchange Act of 1934, the trustees (or other persons who administer the Plan) have duly caused this annual report to be signed on its behalf by the undersigned hereunto duly authorized.

PEDIATRIX MEDICAL GROUP  
THRIFT AND PROFIT SHARING PLAN

Date: June 28, 2004

By: /s/ Karl B. Wagner

-----  
Name: Karl B. Wagner  
Title: Chief Financial Officer, Sponsor



EXHIBIT INDEX

Exhibit No. -----	Document Description -----
23.1*	Consent of PricewaterhouseCoopers LLP

-----  
\* Filed herewith.

CONSENT OF INDEPENDENT REGISTERED CERTIFIED PUBLIC ACCOUNTING FIRM

We hereby consent to the incorporation by reference in Registration Statement on Form S-8 (No. 333-101222) of Pediatrix Medical Group, Inc. of our report dated June 18, 2004 relating to the financial statements of the Pediatrix Medical Group Thrift and Profit Sharing Plan as amended and restated, which appears in this Form 11-K.

/s/ PricewaterhouseCoopers LLP

Fort Lauderdale, Florida  
June 28, 2004