UNITED STATES SECURITIES AND EXCHANGE COMMISSION Washington, D.C. 20549

FORM 8-K

CURRENT REPORT

Pursuant to Section 13 or 15(d) of the Securities and Exchange Act of 1934

Date of Report (date of earliest event reported): October 13, 2006

PEDIATRIX MEDICAL GROUP, INC.

(Exact Name of Registrant as Specified in Its Charter)

Florida (State or Other Jurisdiction of **Incorporation**)

001-12111 (Commission File Number)

65-0271219

(IRS Employer **Identification No.)**

1301 Concord Terrace Sunrise, Florida 33323

(Address of principal executive office)

Registrant's telephone number, including area code (954) 384-0175

Check the appropriate box below if the Form 8-K filing is intended to simultaneously satisfy the filing obligation of the registrant under any of the following provisions:

Written communications pursuant to Rule 425 under the Securities Act (17 CFR 230.425) 0

Soliciting material pursuant to Rule 14a-12 under the Exchange Act (17 CFR 240.14a-12) 0

Pre-commencement communications pursuant to Rule 14d-2(b) under the Exchange Act (17 CFR 240.14d-2(b)) 0

Pre-commencement communications pursuant to Rule 13e-4(c) under the Exchange Act (17 CFR 240.13e-4(c)) Δ

Item 1.01 Entry into a Material Definitive Agreement.

On October 13, 2006, Pediatrix Medical Group, Inc. (the "Company"), certain of the Company's subsidiaries and affiliates (collectively with the Company, the "Borrowers"), Bank of America, N.A. (the "Administrative Agent"), and each of the lenders signatory thereto entered into a Consent to Extension Agreement (the "Consent"). Pursuant to Sections 6.01(b) and 6.02(b) of the Credit Agreement dated as of July 30, 2004 among the Borrowers, the Administrative Agent and each of the lenders signatory thereto as previously amended through the date hereof (the "Credit Agreement"), the Company is required to deliver to the Administrative Agent quarterly financial statements (the "Quarterly Financial Statements") and a compliance certificate (the "Compliance Certificate") as soon as available, but in any event within 45 days after the end of each of the first three fiscal quarters of the Company's fiscal year. The Consent provides an extension of time for the delivery of the Quarterly Financial Statements and Compliance Certificate required for the fiscal quarters of the fiscal quarters and conditions as set forth therein.

The foregoing description of the Consent does not purport to be complete and is qualified in its entirety by reference to the full text of such Consent, a copy of which is filed as Exhibit 10.1 to this Current Report on Form 8-K and is incorporated herein by reference thereto.

ITEM 9.01 Financial Statements and Exhibits

(d) Exhibits.

10.1 — Consent to Extension Agreement dated October 13, 2006.

SIGNATURES

Pursuant to the requirements of the Securities Exchange Act of 1934, the Registrant has duly caused this report to be signed on its behalf by the undersigned hereunto duly authorized.

PEDIATRIX MEDICAL GROUP, INC.

Date: October 13, 2006

By: /s/ Karl B. Wagner

Name: Karl B. Wagner Title: Chief Financial Officer

EXHIBIT INDEX

_	Exhibit No.	Description
	10.1	Consent to Extension Agreement dated October 13, 2006.

CONSENT TO EXTENSION AGREEMENT

This Consent to Extension Agreement (this "Agreement") dated as of October 13, 2006 is made by and among PEDIATRIX MEDICAL GROUP, INC., a Florida corporation, and certain of its subsidiaries and affiliates (collectively, the "Borrowers"), BANK OF AMERICA, N.A., a national banking association organized and existing under the laws of the United States ("Bank of America"), in its capacity as administrative agent for the Lenders (as defined in the Credit Agreement (as defined below)) (in such capacity, the "Administrative Agent"), and each of the Lenders signatory hereto.

WITNESSETH:

WHEREAS, the Borrowers, the Administrative Agent and the Lenders have entered into that certain Credit Agreement dated as of July 30, 2004 (as previously amended and as from time to time hereafter further amended, modified, supplemented, restated, or amended and restated, the "Credit Agreement"; capitalized terms used in this Agreement not otherwise defined herein shall have the respective meanings given thereto in the Credit Agreement), pursuant to which the Lenders have made available to the Borrowers a revolving credit facility, including a letter of credit facility and a swing line facility; and

WHEREAS, the Company previously advised the Administrative Agent and the Lenders that it would not deliver the financial statements for the fiscal quarter ended June 30, 2006 within the time provided by <u>Section 6.01(b)</u> of the Credit Agreement or the Compliance Certificate for such quarter within the time provided by <u>Section 6.02(b)</u> of the Credit Agreement, and pursuant to that certain Consent to Extension Agreement dated as of August 11, 2006 (the "<u>Prior Extension Agreement</u>") the parties thereto agreed to extend such delivery requirement until October 15, 2006; and

WHEREAS, the Company has now advised the Administrative Agent and the Lenders that it will not deliver (a) the financial statements for the fiscal quarter ended June 30, 2006 within the time provided by <u>Section 6.01(b)</u> of the Credit Agreement or the Compliance Certificate for such quarter within the time provided by <u>Section 6.02(b)</u> of the Credit Agreement, as such time was previously extended by the Prior Extension Agreement, or (b) the financial statements for the fiscal quarter ended September 30, 2006 within the time provided by <u>Section 6.01(b)</u> of the Credit Agreement, or (b) the financial statements for the fiscal quarter ended September 30, 2006 within the time provided by <u>Section 6.01(b)</u> of the Credit Agreement or the Compliance Certificate for such quarter within the time provided by <u>Section 6.02(b)</u> of the Credit Agreement, and the Company has therefore requested that the Administrative Agent, the Swing Line Lender, the L/C Issuer and the Lenders consent to extend the time for delivering all such financial statements and Compliance Certificates until December 15, 2006, and the parties hereto are willing so to consent to the extension of each such delivery pursuant to <u>Section 10.01</u> of the Credit Agreement;

NOW, **THEREFORE**, in consideration of the premises and further valuable consideration, the receipt and sufficiency of which is hereby acknowledged, the parties hereto agree as follows:

1. <u>Consent to Extension</u>. Subject to the terms and conditions set forth herein, Administrative Agent, the Swing Line Lender, the L/C Issuer and the Required Lenders consent to:

(a) the extension of the time for delivery of the financial statements for the fiscal quarter of the Company ended June 30, 2006 pursuant to <u>Section 6.01(b)</u> of the Credit Agreement, and the Compliance Certificate for such period pursuant to <u>Section 6.02(b)</u> of the Credit Agreement, until December 15, 2006; <u>provided</u> that such consent shall only apply to an extension for the financial statements required by <u>Section 6.01(b)</u> of the Credit Agreement and the Compliance Certificate required by <u>Section 6.02(b)</u> of the Credit Agreement for the fiscal quarter ended June 30, 2006; and

(b) the extension of the time for delivery of the financial statements for the fiscal quarter of the Company ended September 30, 2006 pursuant to <u>Section 6.01(b)</u> of the Credit Agreement, and the Compliance Certificate for such period pursuant to <u>Section 6.02(b)</u> of the Credit Agreement, until December 15, 2006; <u>provided</u> that (i) such consent shall only apply to an extension for the financial statements required by <u>Section 6.01(b)</u> of the Credit Agreement and the Compliance Certificate required by <u>Section 6.02(b)</u> of the Credit Agreement and the Compliance Certificate required by <u>Section 6.02(b)</u> of the Credit Agreement for the fiscal quarter ended September 30, 2006, and (ii) the consent provided in this paragraph 1(b) shall terminate on November 15, 2006 unless, on or prior to such date the Company has delivered to the Administrative Agent, for further delivery to the Lenders, preliminary financial statements for the fiscal quarter ended September 30, 2006 and calculations of the financial covenants in scope and detail as provided in the Preliminary Compliance Certificate (defined below) based on such preliminary financial statement information.

2. <u>Effectiveness; Conditions Precedent</u>. The effectiveness of this Agreement and the consent to extension of time provided herein are subject to the satisfaction of the following conditions precedent, after which such satisfaction the consent to extension of time herein provided shall be deemed to be effective:

(a) the Administrative Agent shall have received each of the following documents or instruments in form and substance reasonably acceptable to the Administrative Agent:

(i) an original or facsimile (promptly followed by originals) executed counterpart of this Agreement, duly executed by each Borrower, the Administrative Agent, the Swing Line Lender, the L/C Issuer and the Required Lenders; and

(ii) such other documents, instruments, certifications, undertakings, further assurances and other matters as the Administrative Agent shall reasonably request;

(b) all fees and expenses payable to the Administrative Agent and the Lenders (including the fees and expenses of counsel to the Administrative Agent) invoiced to date shall have been paid in full.

3. <u>Consent and Continued Enforceability</u>. Each Borrower hereby consents, acknowledges and agrees to the consent to extension of time set forth herein and hereby confirms and ratifies in all respects its obligations under the Credit Agreement and each other Loan Document (including without limitation the continuation of such Borrower's payment and performance obligations thereunder upon and after the effectiveness of this Agreement and the consent to extension of time contemplated hereby) and the enforceability of each such Loan Document against such Borrower in accordance with its terms.

4. <u>Representations and Warranties</u>. In order to induce the Administrative Agent and the Lenders to enter into this Agreement, each Borrower represents and warrants to the Administrative Agent and the Lenders as follows:

(a) Except to the extent that such representations and warranties relate to the existence, outcome or circumstances surrounding the previously disclosed review of the Company's stock option practices and any adjustments that may need to be made to its financial statements as a result thereof, the representations and warranties made by each Borrower in <u>Article V</u> of the Credit Agreement and in each of the other Loan Documents to which such Borrower is a party are true and correct on and as of the date hereof, except to the extent that such representations and warranties expressly relate to an earlier date, and except that for purposes of this <u>Section 4</u>, the representations and warranties contained in subsections (a) and (b) of <u>Section 5.05</u> of the Credit Agreement shall be deemed to refer to the most recent statements furnished pursuant to clauses (a) and (b), respectively, of <u>Section 6.01(b)</u> of the Credit Agreement (it being understood that for purposes of this Agreement, the most recent financial statements delivered pursuant to <u>Section 6.01(b)</u> of the Credit Agreement are those attached to the preliminary Compliance Certificate delivered by the Company to the Administrative Agent on August 7, 2006 (the "*Preliminary Compliance Certificate*"), and the <u>Schedule 5.05</u> referred to in <u>Section 5.05</u> of the Credit Agreement is updated as provided on such Preliminary Compliance Certificate);

(b) Other than the matters set forth on <u>Schedule 5.06</u> of the Credit Agreement and the existence or circumstances surrounding the previously disclosed review of the Company's stock option practices, since the date of the Audited Financial Statements, there has been no event or circumstance, either individually or in the aggregate, that has had or could reasonably be expected to have a Material Adverse Effect;

(c) The Persons appearing as Borrowers on the signature pages to this Agreement constitute all Persons who are required to be Borrowers pursuant to the terms of the Credit Agreement and the other Loan Documents, including without limitation all Persons who became Material Subsidiaries or were otherwise required to become Borrowers after the Closing Date, and each of such Persons has become and remains a party to the Credit Agreement as a Borrower;

(d) This Agreement has been duly authorized, executed and delivered by the Borrowers party hereto and constitutes a legal, valid and binding obligation of such parties, except as may be limited by general principles of equity or by the effect of any

applicable bankruptcy, insolvency, reorganization, moratorium or similar law affecting creditors' rights generally; and

(e) No Default or Event of Default has occurred and is continuing.

5. Entire Agreement. This Agreement, together with all the Loan Documents (collectively, the "*Relevant Documents*"), sets forth the entire understanding and agreement of the parties hereto in relation to the subject matter hereof and supersedes any prior negotiations and agreements among the parties relating to such subject matter. No promise, condition, representation or warranty, express or implied, not set forth in the Relevant Documents shall bind any party hereto, and no such party has relied on any such promise, condition, representations, warranties or commitments, express or implied, have been made by any party to the other. None of the terms or conditions of this Agreement may be changed, modified, waived or canceled orally or otherwise, except in writing and in accordance with <u>Section 10.01</u> of the Credit Agreement.

6. <u>Full Force and Effect of Agreement</u>. After giving effect to the consent herein provided, the Credit Agreement and all other Loan Documents are hereby confirmed and ratified in all respects and shall be and remain in full force and effect according to their respective terms.

7. <u>Counterparts</u>. This Agreement may be executed in any number of counterparts, each of which shall be deemed an original as against any party whose signature appears thereon, and all of which shall together constitute one and the same instrument. Delivery of an executed counterpart of a signature page of this Agreement by telecopy shall be effective as delivery of a manually executed counterpart of this Agreement.

8. <u>Governing Law</u>. This Agreement shall in all respects be governed by, and construed in accordance with, the laws of the State of New York applicable to contracts executed and to be performed entirely within such State, and shall be further subject to the provisions of <u>Sections 10.14</u> and <u>10.15</u> of the Credit Agreement.

9. <u>Enforceability</u>. Should any one or more of the provisions of this Agreement be determined to be illegal or unenforceable as to one or more of the parties hereto, all other provisions nevertheless shall remain effective and binding on the parties hereto.

10. <u>Successors and Assigns</u>. This Agreement shall be binding upon and inure to the benefit of the Borrowers, the Administrative Agent and each of the Lenders, and their respective successors, legal representatives, and assignees to the extent such assignees are permitted assignees as provided in <u>Section 10.06</u> of the Credit Agreement.

[Signature pages follow.]

IN WITNESS WHEREOF, the parties hereto have caused this instrument to be made, executed and delivered by their duly authorized officers as of the day and year first above written.

BORROWERS:

PEDIATRIX MEDICAL GROUP, INC., a Florida corporation

By: /s/ Karl Wagner

Name: Karl Wagner Title: Chief Financial Officer

ALASKA NEONATOLOGY ASSOCIATES, INC. ASSOCIATES IN NEONATOLOGY, INC. AUGUSTA NEONATOLOGY ASSOCIATES, P.C. BNA ACQUISITION COMPANY, INC. CENTRAL OKLAHOMA NEONATOLOGY ASSOCIATES, INC. CNA ACQUISITION CORP. FLORIDA REGIONAL NEONATAL ASSOCIATES, INC. FOOTHILL MEDICAL GROUP, INC. FORT WORTH NEONATAL ASSOCIATES BILLING, INC. **GNPA ACQUISITION COMPANY, INC.** MAGELLA HEALTHCARE CORPORATION MAGELLA HEALTHCARE GROUP, L.P. MAGELLA MEDICAL ASSOCIATES BILLING, INC. MAGELLA MEDICAL ASSOCIATES MIDWEST, P.C. MAGELLA MEDICAL ASSOCIATES OF GEORGIA, P.C. MAGELLA MEDICAL GROUP, INC. MAGELLA NEVADA, LLC MAGELLA TEXAS, LLC

By: /s/ Karl Wagner

Name: Karl Wagner Title: Attorney-in-Fact

Pediatrix Medical Group, Inc. Extension Agreement Signature Pages

MNPC ACQUISITION COMPANY, INC. **MOUNTAIN STATES NEONATOLOGY, INC.** NACF ACQUISITION COMPANY, INC. NEONATAL AND PEDIATRIC INTENSIVE CARE MEDICAL GROUP, INC. NEONATOLOGY ASSOCIATES BILLING, INC. NEONATAL SPECIALISTS, LTD. NSPA ACQUISITION COMPANY, INC. **OBSTETRIX ACQUISITION COMPANY OF ARIZONA, INC. OBSTETRIX ACQUISITION COMPANY OF COLORADO, INC. OBSTETRIX MEDICAL GROUP OF ARIZONA, P.C. OBSTETRIX MEDICAL GROUP OF CALIFORNIA, A PROFESSIONAL** CORPORATION **OBSTETRIX MEDICAL GROUP OF COLORADO, P.C. OBSTETRIX MEDICAL GROUP OF KANSAS AND MISSOURI, P.A. OBSTETRIX MEDICAL GROUP OF PHOENIX, P.C. OBSTETRIX MEDICAL GROUP OF TEXAS BILLING, INC. OBSTETRIX MEDICAL GROUP OF WASHINGTON, INC., P.S. OBSTETRIX MEDICAL GROUP, INC. OZARK NEONATAL ASSOCIATES, INC.** PALM BEACH NEO ACQUISITIONS, INC. PASCV ACQUISITION COMPANY, INC. PEDIATRIX ACQUISITION COMPANY OF OHIO, INC. PEDIATRIX ACQUISITION COMPANY OF WASHINGTON, INC. PEDIATRIX FLORIDA LLC

By: /s/ Karl Wagner

Name: Karl Wagner Title: Attorney-in-Fact

Pediatrix Medical Group, Inc. Extension Agreement Signature Pages

PEDIATRIX MEDICAL GROUP NEONATOLOGY AND PEDIATRIC INTENSIVE CARE SPECIALISTS OF NEW YORK, P.C. PEDIATRIX MEDICAL GROUP OF ARKANSAS, P.A. PEDIATRIX MEDICAL GROUP OF CALIFORNIA. A PROFESSIONAL CORPORATION PEDIATRIX MEDICAL GROUP OF COLORADO, P.C. PEDIATRIX MEDICAL GROUP OF DELAWARE, INC. PEDIATRIX MEDICAL GROUP OF FLORIDA, INC. PEDIATRIX MEDICAL GROUP OF GEORGIA, P.C. PEDIATRIX MEDICAL GROUP OF ILLINOIS, P.C. PEDIATRIX MEDICAL GROUP OF INDIANA, P.C. PEDIATRIX MEDICAL GROUP OF KANSAS, P.A. PEDIATRIX MEDICAL GROUP OF KENTUCKY, P.S.C. PEDIATRIX MEDICAL GROUP OF LOUISIANA, L.L.C. PEDIATRIX MEDICAL GROUP OF MICHIGAN, P.C. PEDIATRIX MEDICAL GROUP OF MISSOURI, P.C. PEDIATRIX MEDICAL GROUP OF NEW MEXICO, P.C. PEDIATRIX MEDICAL GROUP OF NORTH CAROLINA, P.C. PEDIATRIX MEDICAL GROUP OF OHIO CORP. PEDIATRIX MEDICAL GROUP OF OKLAHOMA, P.C.

By: /s/ Karl Wagner

Name: Karl Wagner Title: Attorney-in-Fact

Pediatrix Medical Group, Inc. Extension Agreement Signature Pages

PEDIATRIX MEDICAL GROUP OF PENNSYLVANIA, P.C. PEDIATRIX MEDICAL GROUP OF PUERTO RICO, P.S.C. PEDIATRIX MEDICAL GROUP OF SOUTH CAROLINA, P.A. PEDIATRIX MEDICAL GROUP OF TENNESSEE, P.C. PEDIATRIX MEDICAL GROUP OF TEXAS **BILLING, INC** PEDIATRIX MEDICAL GROUP OF WASHINGTON, INC., P.S. PEDIATRIX MEDICAL GROUP, INC., a Utah corporation PEDIATRIX MEDICAL GROUP, P.A. PEDIATRIX MEDICAL GROUP, P.C., a Virginia corporation PEDIATRIX MEDICAL GROUP, P.C., a West Virginia corporation PEDIATRIX MEDICAL MANAGEMENT, L.P. PEDIATRIX MEDICAL SERVICES, INC. PEDIATRIX OF MARYLAND, P.A. PEDIATRIX SCREENING, INC. PEDIATRIX TEXAS I LLC PEDIATRIX VIRGINIA ACQUISITION COMPANY, INC. PERINATAL PEDIATRICS, P.A. PMG ACQUISITION CORP. PMGSC, P.A. PNA ACQUISITION CO., INC. POKROY MEDICAL GROUP OF NEVADA, LTD. **RPNA ACQUISITION COMPANY, INC.** SCPMC ACQUISITION CO. SNCA ACQUISITION COMPANY, INC. ST. JOSEPH NEONATOLOGY CONSULTANTS, INC.

By: /s/ Karl Wagner

Name: Karl Wagner Title: Attorney-in-Fact

Pediatrix Medical Group, Inc. Extension Agreement Signature Pages

TEXAS MATERNAL FETAL MEDICINE BILLING, INC. TEXAS NEWBORN SERVICES, INC. TUCSON PERINATAL SERVICES, P.C.

By: /s/ Karl Wagner Name: Karl Wagner Title: Attorney-in-Fact

Pediatrix Medical Group, Inc. Extension Agreement Signature Pages

ADMINISTRATIVE AGENT:

BANK OF AMERICA, N.A., as Administrative Agent

By: /s/ Aamir Saleem Name: Aamir Saleem

Name:Aamir SaleemTitle:Vice President

Pediatrix Medical Group, Inc. Extension Agreement Signature Pages

LENDERS:

BANK OF AMERICA, N.A. as a Lender, L/C Issuer and Swing Line Lender

By: /s/ Richard C. Hardison Name: Richard C. Hardison

Name:Richard C. HardisonTitle:Vice President

Pediatrix Medical Group, Inc. Extension Agreement Signature Pages

HSBC BANK USA, NATIONAL ASSOCIATION

By: <u>/s/ Joel S. Gordon</u> <u>Name:</u> Joel S. Gordon Title: Vice President

Pediatrix Medical Group, Inc. Extension Agreement Signature Pages

SUNTRUST BANK

By: /s/ Gregory M. Ratliff Name: Gregory M. Ratliff Title: Vice President

Pediatrix Medical Group, Inc. Extension Agreement Signature Pages

U.S. BANK NATIONAL ASSOCIATION

By:

Name: Title:

Pediatrix Medical Group, Inc. Extension Agreement Signature Pages

WACHOVIA BANK, N.A.

By: /s/ Pantelis Klonaris Name: Pantelis Klonaris Title: Vice President

Pediatrix Medical Group, Inc. Extension Agreement Signature Pages

KEYBANK NATIONAL ASSOCIATION

By: /s/ J.T. Taylor

Name: J.T. Taylor Title: Senior Vice President

Pediatrix Medical Group, Inc. Extension Agreement Signature Pages

UBS LOAN FINANCE LLC

By: /s/ Richard L. Tavrow

Name:Richard L. TavrowTitle:Director Banking Product Services, US

By: /s/ Irja R. Otsa Name: Irja R. Otsa

Title: Associate Director Banking Products Services, US

Pediatrix Medical Group, Inc. Extension Agreement Signature Pages

THE INTERNATIONAL BANK OF MIAMI, N.A.

By: /s/ Panayolotis Ch. Zotos

Name: Panayolotis Ch. Zotos

Title: The International Bank of Miami, N.A.

Pediatrix Medical Group, Inc. Extension Agreement Signature Pages

MERRILL LYNCH BANK USA

By:

Name: Title:

Pediatrix Medical Group, Inc. Extension Agreement Signature Pages