

SECURITIES AND EXCHANGE COMMISSION
Washington, D.C. 20549

FORM 8-K

CURRENT REPORT

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

Date of Report (Date of earliest event reported): February 4, 2007

Orthodontix, Inc.
(Exact name of registrant as specified in its charter)

Florida

000-27836

65-0643773

(State or other
jurisdiction of
incorporation)

(Commission
File Number)

(IRS Employer
Identification No.)

2 Snunit Street
Science Park
POB 455
Carmiel, Israel 21000

(Address of principal executive offices) (Zip Code)

1428 Brickell Avenue, Suite 105, Miami, Florida 33131

(Former Name or Former Address, if Changed Since Last Report)

Registrant's telephone number, including area code: (305) 371-4112

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 (see General Instruction A.2. below):

- Written communications pursuant to Rule 425 under the Securities Act
(17 CFR 230.425)
- Soliciting material pursuant to Rule 14a-12 under the Exchange Act
(17 CFR 240.14a-12)
- Pre-commencement communications pursuant to Rule 14d-2(b) under the
Exchange Act (17 CFR 240.14d-2(b))
- Pre-commencement communications pursuant to Rule 13e-4(c) under the
Exchange Act (17 CFR 240.13e-4(c))

Item 4.01. Changes in Registrant's Certifying Accountant

On February 4, 2007, the Audit Committee of the Board of Directors of
Orthodontix, Inc. (the "Company") approved the decision to engage Kesselman &
Kesselman, C.P.A., a member of PricewaterhouseCoopers International Ltd.
("Kesselman & Kesselman"), as the Company's independent registered public
accounting firm and the dismissal of Sherb and Company, LLP ("Sherb").

The reports of Sherb for the fiscal years ended December 31, 2005 and
December 31, 2004 did not contain any adverse opinion or disclaimer of opinion
and were not modified as to uncertainty, audit scope, or accounting principles.

There were no disagreements with Sherb on any matter of accounting
principles or practices, financial statement disclosure, or auditing scope or
procedure, which, if not resolved to the satisfaction of Sherb would have caused
Sherb to make reference to the subject area of the disagreement in connection
with its report and there were no reportable events within the meaning set forth
in Item 304(a)(1)(v) of Regulation S-K.

The Company has provided Sherb a copy of the above disclosures and has
requested that Sherb furnish it with a letter addressed to the Securities and
Exchange Commission stating whether or not Sherb agrees with the above

statements. Pursuant to our request, Sherb has provided the letter attached hereto as Exhibit 16.1.

Item 9.01. Financial Statements and Exhibits

(d) Exhibits

16.1 Letter from Sherb and Company, LLP dated February 7, 2007.

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.

ORTHODONTIX, INC.
(Registrant)

Date: February 7, 2007

By: /s/ David Aviezer

Name: David Aviezer, Ph.D.
Title: President and
Chief Executive Officer

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Boca Raton, Florida 33431
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Fax. 561-886-3330
email:info@sherbcpa.com

Sherb & Co., LLP
Certified Public Accountants

Offices in New York and Florida

February 7, 2007

Securities and Exchange Commission
100 F Street, N.E.
Washington, DC 20549

We have read Item 4.01 of Form 8-K dated February 7, 2007 of Orthodontix, Inc. and are in agreement with the statements regarding Sherb & Co., LLP contained therein.

/s/ Sherb & Co., LLP
Certified Public Accountants