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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 Exchange Act of 1934

Date of Report (Date of Earliest Event Reported):

May 26, 2006

**Stereotaxis, Inc.**

(Exact name of registrant as specified in its charter)

Delaware

(State or other jurisdiction  
of incorporation)

000-50884

(Commission  
File Number)

94-3120386

(I.R.S. Employer  
Identification No.)

4320 Forest Park Avenue, St. Louis, Missouri

(Address of principal executive offices)

63108

(Zip Code)

Registrant's telephone number, including area code:

(314) 615-6940

Not Applicable

Former name or former address, if changed since last report

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)
  - 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))
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**Item 7.01 Regulation FD Disclosure.**

On May 26, 2006, Stereotaxis, Inc. issued a press release regarding its product development plans and related matters. A copy of the press release is being furnished as Exhibit 99.1 hereto, and the statements contained therein are incorporated by reference herein.

In accordance with General Instruction B.2. of Form 8-K, the information contained in this Item 7.01 and the Exhibit attached hereto shall not be deemed “filed” for purposes of Section 18 of the Securities Exchange Act of 1934, as amended (the “Exchange Act”), or otherwise subject to the liabilities of that section, nor shall they be deemed incorporated by reference in any filing under the Securities Act of 1933, as amended, or the Exchange Act, except as shall be expressly set forth by specific reference in such a filing.

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**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.

Stereotaxis, Inc.

May 26, 2006

By: *James M. Stolze*

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*Name: James M. Stolze*

*Title: Vice President and Chief Financial Officer*

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Exhibit Index

Exhibit No.	Description
99	Press Release dated May 26, 2006

**Contacts:**

Stereotaxis, Inc.  
314-678-6105  
Jim Stolze, Chief Financial Officer

Noonan Russo  
212-845-4269  
Brian Ritchie (investors)

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**Stereotaxis Provides Corporate Update**

**St. Louis, MO, May 26, 2006** – Stereotaxis, Inc. (NASDAQ: STXS) announced today that, following the recent Heart Rhythm Society (HRS) conference, where the Company's technology was highlighted in the first-ever transatlantic remote live atrial fibrillation case, successfully performed by Carlo Pappone, M.D., Ph.D., we have received a number of inquiries regarding our new product development plans and wish to elaborate on our intentions in this regard. Stereotaxis' strategy for its cardiology platform is to introduce gradual and continual improvements over time in order to support higher selling prices and better margins. The Company is confident that by focusing on software automation and integration, in combination with a broader portfolio of partnered disposable devices, we will be able to achieve new standards of safety, efficiency and efficacy in cardiology, based on our current Niobe® platform. The interest generated at the HRS conference (as well as at the recent EuroPCR conference where two live interventional cases were successfully performed using the Stereotaxis system), and the significant number of resulting sales leads, have affirmed our outlook for the balance of the year.

**About Stereotaxis**

Stereotaxis designs, manufactures and markets an advanced cardiology instrument control system for use in a hospital's interventional surgical suite to enhance the treatment of coronary artery disease and arrhythmias. The Stereotaxis System is designed to enable physicians to complete more complex interventional procedures by providing image guided delivery of catheters and guidewires through the blood vessels and chambers of the heart to treatment sites. This is achieved using computer-controlled, externally applied magnetic fields that govern the motion of the working tip of the catheter or guidewire, resulting in improved navigation, shorter procedure time and reduced x-ray exposure. The core components of the Stereotaxis system have received regulatory clearance in the U.S., Europe and Canada.

This press release includes statements that may constitute "forward-looking" statements, usually containing the words "believe," "estimate," "project," "expect" or similar expressions. Forward-looking statements inherently involve risks and uncertainties that could cause actual results to differ materially from the forward-looking statements. Factors that would cause or contribute to such differences include, but are not limited to, continued acceptance of the Company's products in the marketplace, competitive factors, changes in government reimbursement procedures, dependence upon third-party vendors, and other risks discussed in the Company's periodic and other filings with the Securities and Exchange Commission. By making these forward-looking statements, the Company undertakes no obligation to update these statements for revisions or changes after the date of this release. There can be no assurance that we will recognize revenue related to our purchase orders and other commitments in any particular period or at all because some of these purchase orders and other commitments are subject to contingencies that are outside of our control. In addition, these orders and commitments may be revised, modified or canceled, either by their express terms, as a result of negotiations, or by project changes or delays.