

---

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):

April 4, 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))
-

**Item 7.01 Regulation FD Disclosure.**

The Stereotaxis Niobe Magnetic Navigation System (MNS) was highlighted in the April 4, 2006 issue of the Journal of the American College of Cardiology. In the article, titled "Robotic Navigation for Atrial Fibrillation Ablation", Dr. Carlo Pappone and his group in Milan, Italy describe the use of the Niobe MNS to navigate complex left atrial anatomy in 40 patients with atrial fibrillation.

The information furnished in this Item 7.01 is being furnished and shall not be deemed "filed" for purposes of Section 18 of the Exchange Act or otherwise subject to the liabilities of that section, nor shall it be deemed incorporated by reference in any filing under the Securities Act of 1933, as amended, or the Exchange Act, regardless of any general incorporation language in such filing. In addition, this report shall not be deemed an admission as to the materiality of any information contained herein that is required to be disclosed solely as a requirement of this Item.

---

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.

April 4, 2006

By: *James M. Stolze*

---

*Name: James M. Stolze*

*Title: Vice President and Chief Financial Officer*