

UNITED STATES
SECURITIES AND EXCHANGE COMMISSION
WASHINGTON, DC 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): March 15, 2005

STEREOTAXIS, INC.

(Exact Name of Registrant as Specified in Its Charter)

Delaware

(State or Other Jurisdiction of Incorporation)

000-50884

94-3120386

(Commission File Number)

(IRS Employer Identification No.)

4041 Forest Park Avenue, St. Louis, Missouri

63108

(Address of Principal Executive Offices)

(Zip Code)

(314) 615-6940

(Registrant's Telephone Number, Including Area Code)

(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 (*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 7.01. Regulation FD Disclosure.

On March 14 and 15, 2005 the first commercial procedures utilizing the Stereotaxis NIOBE system, the Celsius™ RMT Ablation catheter, the NaviStar™ RMT Mapping and Ablation Catheter, and the CARTO™ RMT Navigation and Ablation System were performed in Europe. These products, which recently received CE Marking Authorization, are the first to be commercialized pursuant to Stereotaxis' strategic alliance with Biosense Webster, a Johnson & Johnson company.

Stereotaxis believes this family of advanced electrophysiology ablation and mapping catheters and the related CARTO™ mapping and localization system will significantly enhance the clinical utility and functionality of the Stereotaxis NIOBE system in the field of electrophysiology.

Note: the information in this report is furnished pursuant to Item 7.01 and shall not be deemed to be "filed" for the purposes of Section 18 of the Securities Exchange Act of 1934 (the "Exchange Act") or otherwise subject to the liabilities of that section, or incorporated by reference in any filing under the Securities Act of 1933 or the Exchange Act, except as shall be expressly set forth

by specific reference in such a filing. This report will not be deemed a determination or an admission as to the materiality of any information in the report that is required to be disclosed solely by Regulation FD.

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.

Date: March 16, 2005

By: /s/ James M. Stolze

Name: James M. Stolze

Title: Vice President and Chief Financial Officer