
**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): October 9, 2009

STEREOTAXIS, INC.

(Exact Name of Registrant as Specified in Its Charter)

Delaware

(State or Other Jurisdiction of Incorporation)

000-50884

(Commission File Number)

4320 Forest Park Avenue, Suite 100, St. Louis, Missouri

(Address of Principal Executive Offices)

94-3120386

(IRS Employer Identification No.)

63108

(Zip Code)

(314) 678-6100

(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 8.01. Other Events.

On October 9, 2009 Stereotaxis, Inc. (the "Company") issued a press release announcing the pricing of its previously announced common stock offering. A copy of that press release is attached as Exhibit 99.1 to this Form 8-K.

Item 9.01. Financial Statements and Exhibits.

(d) Exhibits.

99.1 Stereotaxis, Inc. Press Release dated October 9, 2009

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: October 9, 2009

By: /s/ James M. Stolze

Name: James M. Stolze

Title: Vice President and Chief Financial Officer

EXHIBIT INDEX

**Exhibit
No.**

Document

99.1 Stereotaxis, Inc. Press Release dated October 9, 2009



Company Contact:
Jim Stolze
Chief Financial Officer
314-678-6105

Investor Contact:
EVC Group, Inc.
Doug Sherk & Jenifer Kirtland
415-896-6820

Media Contact:
EVC Group, Inc.
Steve DiMattia
646-201-5445

Stereotaxis Announces Pricing of \$26 Million Common Stock Offering

ST. LOUIS, MO, October 9, 2009 – Stereotaxis, Inc. (Nasdaq: STXS) announced today that it had priced the public offering of 6,500,000 shares of its common at a price to the public of \$4.00 per share. Stereotaxis has granted the underwriters of the offering an option to purchase up to an additional 975,000 shares of common stock to cover over-allotments, if any. All of the shares in the offering are being offered by Stereotaxis. Stereotaxis expects the offering to close on October 15, 2009.

Deutsche Bank Securities Inc. and Oppenheimer & Co. Inc. are operating as joint booking-running managers for the offering.

Stereotaxis has filed a registration statement, as well as a prospectus supplement and an accompanying prospectus, with the Securities and Exchange Commission (SEC) in connection with the offering. The prospectus supplement and accompanying prospectus may be obtained by sending a request to Deutsche Bank Securities Inc., Attention: Prospectus Department, 100 Plaza One, Jersey City, NJ 07311, Telephone number: (800) 503-4611, Email: prospectusrequest@list.db.com, or to Oppenheimer & Co. Inc., Attention: Syndicate Prospectus Department, 300 Madison Avenue, 5th Floor, New

York, NY, 10017, Telephone number: (212) 667-8563, Email: EquityProspectus@opco.com. Before you invest, you should read the prospectus supplement and accompanying prospectus, the registration statement, and the other documents that the Company has filed with the Securities and Exchange Commission for more complete information about the Company and this offering. Investors may obtain these documents for free by visiting the SEC's website at www.sec.gov.

This press release shall not constitute an offer to sell, or a solicitation of an offer to buy, nor shall there be any sale of these securities in any state or jurisdiction in which such an offer, solicitation, or sale would be unlawful prior to registration or qualification under the securities laws of any such state or jurisdiction.

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 and elsewhere.

About Forward Looking Statements

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, the successful closing of the offering, the underwriters' exercise of the over-allotment option, the Company's use of the proceeds of the offering, successful finalization of the Company's previously announced extension of its revolving credit facility with Silicon Valley Bank on terms acceptable to the Company and to the bank, continued acceptance for the Company's products in the marketplace, the effect of global credit and economic conditions on the ability and willingness of customers to purchase our systems, competitive factors, changes in government reimbursement procedures, dependence upon third-party vendors, timing of regulatory approval and return of the irrigated catheter to the market, 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.