

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): November 4, 2010

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

(IRS Employer Identification No.)

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

(Address of Principal Executive Offices)

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 7.01. Regulation FD Disclosure.

On November 4, 2010, Stereotaxis, Inc. (the "Company") issued a press release announcing that it has received grants under the Qualifying Therapeutic Discovery Project Program. A copy of the press release is furnished as Exhibit 99.1 hereto and is incorporated by reference herein. The description of the press release contained herein is qualified in its entirety by the full text of such exhibit.

The press release is being furnished pursuant to Item 7.01, and the information contained therein shall not be deemed "filed" for the 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 it 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 filing.

The press release attached to this Current Report on Form 8-K as Exhibit 99.1 include 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, the effect of global economic conditions on the ability and willingness of customers to purchase our systems and the timing of such purchases, competitive factors, changes resulting from the recently enacted healthcare reform in the U.S., including changes in government reimbursement procedures, dependence upon third-party vendors, timing of regulatory approvals, 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 the Company will recognize revenue related to its 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 the Company's control. In addition, these orders and commitments may be revised, modified, delayed or canceled, either by their express terms, as a result of negotiations, or by overall project changes or delays.

Item 9.01. Financial Statements and Exhibits.

(d) Exhibits.

99.1 Press Release dated November 4, 2010

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: November 4, 2010

By: /s/ Daniel J. Johnston

Name: Daniel J. Johnston

Title: Chief Financial Officer

EXHIBIT INDEX

<u>Exhibit No.</u>	<u>Document</u>
99.1	Press Release dated November 4, 2010



Company Contact:
Dan Johnston
Chief Financial Officer
314-678-6007

Investor Contact:
EVC Group, Inc.
Doug Sherk & Gregory Gin
415-896-6820

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

Stereotaxis Awarded \$1.5 Million in Grants under the Qualifying Therapeutic Discovery Project Program

ST. LOUIS, MO, November 4, 2010—Stereotaxis, Inc. (NASDAQ: STXS) announced today that it has been awarded \$1.5 million in grants under the Qualifying Therapeutic Discovery Project Program that was enacted under the Patient Protection and Affordable Care Act of 2010. The program targets projects that show potential to produce new therapies or medical technology that assists in the delivery or administration of therapeutics, addresses unmet medical needs and reduces the long-term growth of health care costs. Stereotaxis was awarded the grants for 2009 and 2010 projects related to the Company's Niobe[®] Remote Magnetic Navigation System and Odyssey[™] system, which are designed to provide a safer and more effective healthcare solution for treating heart arrhythmias using magnetic catheters within the heart.

"We are pleased that the U.S. Department of Health and Human Services recognizes the potential impact that Stereotaxis' innovative technologies can have for patients suffering from diseases of the heart," said Michael P. Kaminski, President and Chief Executive Officer of Stereotaxis. "These grants will allow Stereotaxis to further enhance and expand the capabilities of our technology in an effort to treat the most common type of heart arrhythmias, atrial fibrillation, as well as ventricular tachycardia and other cardiovascular disorders."

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 Niobe[®] Remote Magnetic Navigation 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.

Stereotaxis' Odyssey™ portfolio of products provides an innovative enterprise solution for integrating, recording and networking interventional lab information within hospitals and around the world. Odyssey™ Vision integrates data for magnetic and standard interventional labs, enhancing the physician workflow through a consolidated display of multiple systems and eliminating the challenge of interacting simultaneously with many separate diagnostic systems. Odyssey™ Enterprise Cinema then captures a complete record of synchronized procedure data that can be viewed live or from a comprehensive archive of cases performed. Odyssey™ then enables hospitals to efficiently share live and recorded clinical data anywhere around the world to maximize referrals and promote collaboration.

The core components of the Stereotaxis systems have received regulatory clearance in the U.S., Europe, Canada and elsewhere.

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