

Stereotaxis, Inc.
Form SC 13G
February 13, 2013

UNITED STATES

SECURITIES AND EXCHANGE COMMISSION
Washington, DC 20549

SCHEDULE 13G

Under the Securities Exchange Act of 1934

Stereotaxis, Inc.
(Name of Issuer)

Common Stock
(Title of Class of Securities)

85916J409
(CUSIP Number)

December 31, 2012
(Date of Event Which Requires Filing of this Statement)

Check the appropriate box to designate the rule pursuant to which this Schedule is filed:

- Rule 13d-1(b)
- Rule 13d-1(c)
- Rule 13d-1(d)

*The remainder of this cover page shall be filled out for a reporting person's initial filing on this form with respect to the subject class of securities, and for any subsequent amendment containing information which would alter disclosures provided in a prior cover page.

The information required in the remainder of this cover page shall not be deemed to be "filed" for the purpose of Section 18 of the Securities Exchange Act of 1934 ("Act") or otherwise subject to the liabilities of that section of the Act but shall be subject to all other provisions of the Act (however, see the Notes).



CUSIP No. 85916J409

SCHEDULE 13G

Page 2 of 6 Pages

NAME OF REPORTING PERSONS

1 Tenor Capital Management Company, L.P.

I.R.S. IDENTIFICATION NO. OF ABOVE PERSONS: 84-1641518

2 CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (See Instructions)

(a)

(b)

3 SEC USE ONLY

CITIZENSHIP OR PLACE OF ORGANIZATION

4 Delaware, United States

SOLE VOTING POWER

5

455,894

NUMBER OF
SHARES
BENEFICIALLY
OWNED BY
EACH
REPORTING
PERSON

SHARED VOTING POWER

6

0

SOLE DISPOSITIVE POWER

WITH

7

455,894

SHARED DISPOSITIVE POWER

8

0

AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON

9 455,894

10 CHECK IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES (See Instructions)

11 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)

12 5.8%

TYPE OF REPORTING PERSON (See Instructions)

IA

CUSIP No. 85916J409

SCHEDULE 13G

Page 3 of 6 Pages

Item 1. (a) Name of Issuer

Stereotaxis, Inc.

(b) Address of Issuer's Principal Executive Offices

4320 Forest Park Avenue, Suite 100

St. Louis, MO 63108

Item 2.

(a) Name of Person Filing

Tenor Capital Management Company, L.P.

(b) Address of Principal Business Office, or, if none, Residence

1180 Avenue of the Americas, Suite 1940

New York, NY 10036

United States

(c) Citizenship

Please refer to Item 4 on the cover sheet for each Reporting Person

(d) Title of Class of Securities

Common Stock

(e) CUSIP No.:

85916J409

CUSIP No. 85916J409

SCHEDULE 13G

Page 4 of 6 Pages

Item 3. If this statement is filed pursuant to §§240.13d-1(b) or 240.13d-2(b) or (c), check whether the person filing is a:

- (a) Broker or dealer registered under section 15 of the Act (15 U.S.C. 78o);
- (b) Bank as defined in section 3(a)(6) of the Act (15 U.S.C. 78c);
- (c) Insurance company as defined in section 3(a)(19) of the Act (15 U.S.C. 78c);
- (d) Investment company registered under section 8 of the Investment Company Act of 1940 (15 U.S.C. 80a-8);
- (e) An investment adviser in accordance with §240.13d-1(b)(1)(ii)(E);
- (f) An employee benefit plan or endowment fund in accordance with §240.13d-1(b)(1)(ii)(F);
- (g) A parent holding company or control person in accordance with §240.13d-1(b)(1)(ii)(G);
- (h) A savings associations as defined in Section 3(b) of the Federal Deposit Insurance Act (12 U.S.C. 1813);
- (i) A church plan that is excluded from the definition of an investment company under section 3(c)(14) of the Investment Company Act of 1940 (15 U.S.C. 80a-3);
- (j) A non-U.S. institution in accordance with §240.13d-1(b)(1)(ii)(J);

CUSIP No. 85916J409

SCHEDULE 13G

Page 5 of 6 Pages

Item 4. Ownership

Please see Items 5 - 9 and 11 on each cover sheet for each Reporting Person.

Item 5. Ownership of Five Percent or Less of a Class

Not Applicable

Item 6. Ownership of More Than Five Percent on Behalf of Another Person

Not Applicable

Item 7. Identification and Classification of the Subsidiary which Acquired the Security Being Reported on by the Parent Holding Company or Control Person

Not Applicable

Item 8. Identification and Classification of Members of the Group

Not Applicable

Item 9. Notice of Dissolution of Group

Not Applicable

Item 10. Certification

By signing below I certify that, to the best of my knowledge and belief, the securities referred to above were acquired and held in the ordinary course of business and were not acquired and are not held for the purpose of or with the effect of changing or influencing the control of the issuer of the securities and were not acquired and are not held in connection with or as a participant in any transaction having that purpose or effect.

CUSIP No. 85916J409

SCHEDULE 13G

Page 6 of 6 Pages

SIGNATURE

After reasonable inquiry and to the best of my knowledge and belief, I certify that the information set forth in this statement is true, complete and correct.

Dated: February 13, 2013

Tenor Capital
Management Company,
L.P.

By: /s/ Matthew Starr
Name: Matthew Starr
Title: Partner