

NEOPROBE CORP  
Form 8-K  
June 21, 2007

**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) June 20, 2007

NEOPROBE CORPORATION

(Exact name of registrant as specified in its charter)

Delaware  
(State or other jurisdiction of  
incorporation)

0-26520

(Commission File Number)

31-1080091

(IRS Employer Identification No.)

425 Metro Place North, Suite 300, Columbus, Ohio  
(Address of principal executive offices)

43017  
(Zip Code)

Registrant's telephone number, including area code (614) 793-7500

(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))
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**Item 8.01. Other Events.**

On June 20, 2007, Neoprobe Corporation (the “Company”) issued a press release announcing positive preliminary results from a multi-center Phase 2 clinical study of its lead clinical candidate, Lymphoseek® (Technetium Tc99m DTPA-mannosyl-dextran). Lymphoseek is a proprietary radioactive tracing agent being developed by the Company for use with hand held gamma detection devices, such as the Company’s neo2000® system, in a surgical procedure known as Sentinel Lymph Node Biopsy (SLNB). The primary endpoint of this multi-center, single-arm, open label, within-patient, single-dose, multi-stage trial measured the rate at which Lymphoseek localized to lymphoid tissue with the goal of achieving 90% localization. In results reported June 20, 2007, localization of Lymphoseek to lymphoid tissue was observed in over 94% of the SLNB procedures performed as part of the Phase 2 trial in patients with either breast cancer or melanoma. A copy of the complete text of the Company’s June 20, 2007, press release is furnished as Exhibit 99.1 to this Current Report on Form 8-K and is incorporated herein by reference.

Statements contained or incorporated by reference in this Current Report on Form 8-K which relate to other than strictly historical facts, such as statements about the Company’s plans and strategies, expectations for future financial performance, new and existing products and technologies, and markets for the Company’s products, are forward-looking statements. The words “believe,” “expect,” “anticipate,” “estimate,” “project,” and similar expressions identify forward-looking statements that speak only as of the date hereof. Investors are cautioned that such statements involve risks and uncertainties that could cause actual results to differ materially from historical or anticipated results due to many factors including, but not limited to, the Company’s continuing operating losses, uncertainty of market acceptance, reliance on third party manufacturers, accumulated deficit, future capital needs, uncertainty of capital funding, dependence on limited product line and distribution channels, competition, limited marketing and manufacturing experience, and other risks detailed in the Company’s most recent Annual Report on Form 10-KSB and other Securities and Exchange Commission filings. The Company undertakes no obligation to publicly update or revise any forward-looking statements.

**Item 9.01 Financial Statements and Exhibits.**

(d) Exhibits.

*Exhibit*

*Number*

*Exhibit Description*

99.1 Neoprobe Corporation press release dated June 20, 2007, entitled “Neoprobe Phase 2 Lymphoseek Trail Meets Primary Endpoint.”

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**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.

Neoprobe Corporation

Date: June 21, 2007

By:

/s/ Brent L. Larson

Brent L. Larson, Vice President, Finance and  
Chief Financial Officer

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