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	0-26520	31-1080091
(State or other jurisdiction of incorporation)	(Commission File Number)	(IRS Employer Identification No.)

425 Metro Place North, Suite 300, Columbus, Ohio	43017
(Address of principal executive offices)	(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))

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."

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

EXHIBIT 99.1

IMMEDIATE RELEASE **June 20, 2007**
CONTACTS:
Brent Larson,
Vice President / CFO
614 793 7500 x133

Tim Ryan,
The Trout Group
646.378.2924

NEOPROBE PHASE 2 LYMPHOSEEK TRIAL MEETS PRIMARY ENDPOINT
Company preparing to submit Phase 3 protocol

DUBLIN, OHIO - June 20, 2007 - Neoprobe Corporation (OTCBB:NEOP - News), a diversified developer of innovative oncology and cardiovascular surgical and diagnostic products, today announced positive preliminary results from a multicenter Phase 2 clinical study of its lead clinical candidate, Lymphoseek® (Technetium Tc99m DTPA-mannosyl-dextran). Lymphoseek is a proprietary radioactive targeting agent being developed for use with handheld gamma detection devices, such as Neoprobe's neo2000® system, in a surgical procedure known as Sentinel Lymph Node Biopsy (SLNB). The primary endpoint of this multicenter, single-arm, open-label, within-patient, single-dose, multi-stage trial measured the rate at which Lymphoseek localized to lymphoid tissue with a goal of achieving 90% localization. In results reported today, localization of Lymphoseek to lymphoid tissue was observed in over 94% of the SLNB procedures performed as a part of the Phase 2 trial in patients with either breast cancer or melanoma.

This study is being conducted at five of the leading cancer centers in the U.S: John Wayne Cancer Center; M.D. Anderson, the University of California, San Francisco; University Hospitals - Cleveland (Case Western Reserve); and the University of Louisville. Positive interim results from the trial were announced earlier this year. Neoprobe also reported that no drug-related significant adverse events have been noted in results analyzed to-date. Neoprobe now plans to begin winding down Phase 2 trial activities, collecting the required 30-day patient safety follow-up information and accumulating data to report to FDA. In parallel, Neoprobe is also preparing to submit its Phase 3 pivotal trial protocol to FDA.

About Neoprobe
Neoprobe is a biomedical company focused on enhancing patient care and improving patient outcome by meeting the critical intraoperative diagnostic information needs of physicians and therapeutic treatment needs of patients. Neoprobe currently markets the neo2000® line of gamma detection systems that are widely used by cancer surgeons and is commercializing the Quantix® line of blood flow measurement products developed by its subsidiary, Cardiosonix Ltd. In addition, Neoprobe holds significant interests in the development of related biomedical systems and radiopharmaceutical agents including Lymphoseek® and RIGScan® CR. Neoprobe's subsidiary, Cira Biosciences, Inc., is also advancing a patient-specific cellular therapy technology platform called ACT. Neoprobe's strategy is to deliver superior growth and shareholder return by maximizing its strong position in gamma detection technologies and diversifying into new, synergistic biomedical markets through continued investment and selective acquisitions. www.neoprobe.com

Statements in this news release, 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, anticipated clinical and regulatory pathways, 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 of its products, 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, risks of development of new products, regulatory risks 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.