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): October 31, 2023

MICROBOT MEDICAL INC.
(Exact name of registrant as specified in its charter)

Delaware	000-19871	94-3078125
(State or other jurisdiction of incorporation)	(Commission File Number)	(IRS Employer Identification No.)

25 Recreation Park Drive, Unit 108
Hingham, Massachusetts 02043
(Address of Principal Executive Offices) (Zip Code)

Registrant's telephone number, including area code: (781) 875-3605

(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:

☐ 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))

Securities registered pursuant to Section 12(b) of the Act:

Title of each class	Trading Symbol(s)	Name of each exchange on which registered
Common Stock, $0.01 par value	MBOT	NASDAQ Capital Market

Indicate by check mark whether the registrant is an emerging growth company as defined in Rule 405 of the Securities Act of 1933 (17 CFR §230.405) or Rule 12b-2 of the Securities Exchange Act of 1934 (17 CFR §240.12b-2).

Emerging Growth Company ☐

If an emerging growth company, indicate by check mark if the registrant has elected not to use the extended transition period for complying with any new or revised financial accounting standards provided pursuant to Section 13(a) of the Exchange Act. ☐

Item 7.01 Regulation FD Disclosure.

On October 31, 2023, Microbot Medical Inc. (the "Company") issued a press release announcing additional updates regarding positive outcomes of its previously announced pivotal pre-clinical study using the LIBERTY Robotic Surgical System. Follow up visual examination three days after the procedures using the LIBERTY Robotic Surgical System, confirms 100% success rate in reaching the targets with no visual evidence of vascular injury or any other visual adverse event.

The press release, which is furnished as Exhibit 99.1 to this Current Report on Form 8-K, is incorporated herein by reference. The information in this Item 7.01 and Exhibit 99.1 is being furnished and shall not be deemed to be "filed" for the purposes of Section 18 of the Securities Exchange Act of 1934, as amended, or otherwise subject to the liabilities of that section. This report will not be deemed an admission as to the materiality of any information in this Item 7.01 or Exhibit 99.1.

Item 8.01 Other Events.

On October 31, 2023, the Company announced additional updates regarding positive outcomes of its previously announced pivotal pre-clinical study using the LIBERTY Robotic Surgical System. Follow up visual examination three days after the procedures using the LIBERTY Robotic Surgical System, confirms 100% success rate in reaching the targets with no visual evidence of vascular injury or any other visual adverse event.

The Company expects to receive the comprehensive final report later this quarter. Subject to the final report, and the completion of the verification and validation process, the Company plans on submitting the Investigational Device Exemption (IDE) application to the U.S. Food and Drug Administration, in order to commence its pivotal clinical trial in humans.

Cautionary Statements Regarding Forward-Looking Statements

This Current Report on Form 8-K includes "forward-looking statements" within the meaning of the safe harbor provisions of the United States Private Securities Litigation Reform Act of 1995. Certain of these forward-looking statements can be identified by the use of words such as "believes," "expects," "intends," "plans," "estimates," "assumes," "may," "should," "will," "seeks," or other similar expressions. These forward-looking statements involve significant risks and uncertainties that could cause the actual results to differ materially from the expected results, including those under "Risk Factors" in the Company's Annual Report on Form 10-K for the fiscal year ended December 31, 2022 and Quarterly Report on Form 10-Q for the fiscal quarter ended June 30, 2023. Most of these factors are outside the Company's control and are difficult to predict. The Company cautions readers not to place undue reliance upon any forward-looking statements, which speak only as of the date made. The Company does not undertake or accept any obligation or undertaking to release publicly any updates or revisions to any forward-looking statements to reflect any change in its expectations or any change in events, conditions or circumstances on which any such statement is based, except as may be required by law.

Item 9.01. Financial Statements and Exhibits.

(d) Exhibits

Exhibit Number	Description
99.1	Press Release dated October 31, 2023
104	Cover Page Interactive Data File (embedded within the Inline XBRL document)

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 thereunto duly authorized.

MICROBOT MEDICAL INC.

By: */s/ Harel Gadot*
Name: Harel Gadot
Title: Chief Executive Officer, President and Chairman

Date: October 31, 2023

Exhibit 99.1

Microbot Medical Reveals Successful Short Term Follow Up Outcomes from its Pivotal Pre-Clinical Study

Follow up visual examination three days after the procedures using the LIBERTY Robotic Surgical System, confirms 100% success rate in reaching the targets with no adverse events.

BRAINTREE, Mass., October 31, 2023 – Microbot Medical Inc. (Nasdaq: MBOT), developer of the innovative LIBERTY® Robotic Surgical System, today announces additional updates regarding positive outcomes of its previously announced pivotal pre-clinical study using the LIBERTY Robotic Surgical System.

The pivotal study was conducted by three leading interventional radiologists that utilized the LIBERTY Robotic Surgical System to reach a total of 48 animal targets. In a series of visual testing, preformed 72 hours following each procedure, examination of the animals treated with the LIBERTY Robotic Surgical System showed no visual evidence of vascular injury or any other visual adverse event.

This new data follows the recently announced successful initial outcomes from the pivotal pre-clinical study. A total of 6 LIBERTY Systems were used in the study, each was used to reach a total of 8 targets. All 6 LIBERTY Systems performed flawlessly based on the initial outcomes, with 100% usability and technical success. No acute adverse events or complications were visually observed intra-operative.

The Company expects to receive the comprehensive final report later this quarter. Subject to the final report, and the completion of the verification and validation (V&V) process, the Company plans on submitting the Investigational Device Exemption (IDE) application to the FDA, in order to commence its pivotal clinical trial in humans.

“ We are excited to share additional positive outcomes of our pivotal pre-clinical study. The absence of any visual evidence of vascular injury in the follow-up examination after 72 hours continues to reaffirm the safety and effectiveness of our technology. This milestone, together with the advancement of the verification and validation process, bring us one step closer to the submission of the IDE and commencing our pivotal clinical trial in humans.” said Simon Sharon, Microbot’s GM & CTO.

About Microbot Medical

Microbot Medical Inc. (NASDAQ: MBOT) is a pre-clinical medical device company that specializes in transformational micro-robotic technologies, with the goals of improving clinical outcomes for patients and increasing accessibility through the natural and artificial lumens within the human body.

The LIBERTY® Robotic Surgical System aims to improve the way surgical robotics are being used in endovascular procedures today, by eliminating the need for large, cumbersome, and expensive capital equipment, while reducing radiation exposure and physician strain. The Company believes the LIBERTY® Robotic Surgical System's remote operation has the potential to be the first system to democratize endovascular interventional procedures.
Further information about Microbot Medical is available at http://www.microbotmedical.com.

Safe Harbor

Statements to future financial and/or operating results, future growth in research, technology, clinical development, and potential opportunities for Microbot Medical Inc. and its subsidiaries, along with other statements about the future expectations, beliefs, goals, plans, or prospects expressed by management, constitute forward-looking statements within the meaning of the Private Securities Litigation Reform Act of 1995 and the Federal securities laws. Any statements that are not historical fact (including, but not limited to statements that contain words such as "will," "believes," "plans," "anticipates," "expects" and "estimates") should also be considered to be forward-looking statements. Forward-looking statements involve risks and uncertainties, including, without limitation, market conditions, risks inherent in the development and/or commercialization of potential products, including LIBERTY, the outcome of its studies to evaluate LIBERTY, whether the Company's core business focus program and cost reduction plan are sufficient to enable the Company to continue to focus on its LIBERTY technology while it stabilizes its financial condition and seeks additional working capital, any failure or inability to recruit physicians and clinicians to serve as primary investigators to conduct regulatory studies which could adversely affect or delay such studies, uncertainty in the results of pre-clinical and clinical trials or regulatory pathways and regulatory approvals, disruptions resulting from new and ongoing hostilities between Israel and the Palestinians, such as employees of Microbot and its vendors and business partners being called to active military duty, any lingering uncertainty resulting from the COVID-19 pandemic, need and ability to obtain future capital, and maintenance of intellectual property rights. Additional information on risks facing Microbot Medical can be found under the heading "Risk Factors" in Microbot Medical's periodic reports filed with the Securities and Exchange Commission (SEC), which are available on the SEC's web site at www.sec.gov. Microbot Medical disclaims any intent or obligation to update these forward-looking statements, except as required by law.

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