

**UNITED STATES  
SECURITIES AND EXCHANGE COMMISSION**  
Washington, D.C. 20549

**Form 6-K**

**REPORT OF FOREIGN PRIVATE ISSUER PURSUANT TO RULE 13a-16 OR 15d-16  
UNDER THE SECURITIES EXCHANGE ACT OF 1934**

For the month of June, 2020.

Commission File Number: **001-38524**

**Titan Medical Inc.**

(Exact Name of Registrant as Specified in Charter)

**155 University Avenue, Suite 750  
Toronto, Ontario M5H 3B7  
Canada**

(Address of principal executive offices)

Indicate by check mark whether the registrant files or will file annual reports under cover Form 20-F or Form 40-F.

Form 20-F  Form 40-F

Indicate by check mark if the registrant is submitting the Form 6-K in paper as permitted by Regulation S-T Rule 101(b)(1): \_\_\_\_\_

**Note:** Regulation S-T Rule 101(b)(1) only permits the submission in paper of a Form 6-K if submitted solely to provide an attached annual report to security holders.

Indicate by check mark if the registrant is submitting the Form 6-K in paper as permitted by Regulation S-T Rule 101(b)(7): \_\_\_\_\_

**Note:** Regulation S-T Rule 101(b)(7) only permits the submission in paper of a Form 6-K if submitted to furnish a report or other document that the registrant foreign private issuer must furnish and make public under the laws of the jurisdiction in which the registrant is incorporated, domiciled or legally organized (the registrant's "home country"), or under the rules of the home country exchange on which the registrant's securities are traded, as long as the report or other document is not a press release, is not required to be and has not been distributed to the registrant's security holders, and, if discussing a material event, has already been the subject of a Form 6-K submission or other Commission filing on EDGAR.

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**SIGNATURE**

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.

**TITAN MEDICAL INC.**  
(Registrant)

Date: June 15, 2020

By:           /s/ Stephen Randall            
Name: Stephen Randall  
Title: Chief Financial Officer

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**EXHIBIT INDEX**

99.1      News Release dated June 15, 2020

## Titan Medical Establishes U.S. Subsidiary to Strengthen its Research and Product Development Activities

### *Titan Medical USA Inc. to be based in North Carolina's Research Triangle*

TORONTO--(BUSINESS WIRE)--June 15, 2020--Titan Medical Inc. (“Titan” or the “Company”) (TSX: TMD) (Nasdaq: TMDI), a medical device company focused on the design and development of single-port robotic surgical technologies, announces that it has established Titan Medical USA Inc. as a wholly owned U.S. subsidiary. The subsidiary will be based in Chapel Hill, North Carolina at a facility that will initially be used for research and development activities. The facility includes a custom buildout, the costs for which are included in monthly lease payments.

“We are excited about establishing a U.S. subsidiary and having a dedicated, purpose-built space in North Carolina’s Research Triangle, a leading high-tech and medical technology hub, to advance our work on single-port robotic technologies, while also being in close proximity to our development partners,” said David McNally, President and CEO of Titan Medical. “We are preparing to expand our role in leading product development, reengaging our expert subcontractors, and beginning to recruit engineers. The new facility will initially house research and development, as well as related operations management. Over time and subject to continued financing, we expect that it will also house regulatory affairs, customer service, clinical support and commercial leadership to prepare for the future launch of our single-port robotic surgical system.”

The Company plans to establish a dry-lab training facility at the site for use by future customers subject to completing product development, obtaining regulatory clearance for its robotic surgical system and meeting all regulatory requirements, and ultimately building a commercial grade device. Each of the planned activities are subject to raising sufficient capital on a timely basis.

#### **About Titan**

Titan Medical Inc. is focused on robotic-assisted technologies for application in minimally invasive surgery (“MIS”). Titan is developing a single-port robotic surgical system comprised of a surgeon-controlled patient cart that includes a dual-view camera system with 3D and 2D high-definition vision systems and multi-articulating instruments for performing MIS procedures, and a surgeon workstation that provides an ergonomic interface to the patient cart and a 3D high-definition endoscopic view of the MIS procedure. Titan intends to initially pursue gynecologic surgical indications for use with its single-port robotic surgical system.

For more information, visit [www.titanmedicalinc.com](http://www.titanmedicalinc.com).

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## **Forward-Looking Statements**

This news release contains “forward-looking statements” within the meaning of applicable Canadian and U.S. securities laws. Such statements reflect the current expectations of management of the Company’s future growth, results of operations, performance and business prospects and opportunities and include statements regarding our leading product development, reengaging product development contractors, recruitment of engineers, uses of our new facility, obtaining and retaining regulatory clearance and meeting all regulatory requirements, building a commercial grade device and raising sufficient capital. Wherever possible, words such as “may”, “would”, “could”, “will”, “anticipate”, “believe”, “plan”, “expect”, “intend”, “estimate”, “potential for” and similar expressions have been used to identify these forward-looking statements. These statements reflect management’s current beliefs with respect to future events and are based on information currently available to management. Forward-looking statements involve significant risks, uncertainties and assumptions. Many factors could cause the Company’s actual results, performance or achievements to be materially different from any future results, performance or achievements that may be expressed or implied by such forward-looking statements, including, without limitation, those listed in the “Risk Factors” section of the Company’s Annual Report on Form 20F dated March 30, 2020 (which may be viewed at [www.sedar.com](http://www.sedar.com) and at [www.sec.gov](http://www.sec.gov)). Should one or more of these risks or uncertainties materialize, or should assumptions underlying the forward-looking statements prove incorrect, actual results, performance, or achievements may vary materially from those expressed or implied by the forward-looking statements contained in this news release. These factors should be considered carefully, and prospective investors should not place undue reliance on the forward-looking statements. Although the forward-looking statements contained in the news release are based upon what management currently believes to be reasonable assumptions, the Company cannot assure prospective investors that actual results, performance or achievements will be consistent with these forward-looking statements. Except as required by law, the Company expressly disclaims any intention or obligation to update or revise any forward-looking statements whether as a result of new information, future events or otherwise.

## **Contacts**

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