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**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 2022**

Commission File Number: **001-38524**

**Titan Medical Inc.**

(Exact Name of Registrant as Specified in Charter)

**76 Berkely Street  
Toronto, Ontario M5A 2W7  
Canada**

(Address of principal executive offices)

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

Form 20-F [ X ]    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 30, 2022

/s/ Stephen Lemieux  
Stephen Lemieux  
Chief Financial Officer

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**EXHIBIT INDEX**

<b><u>Exhibit Number</u></b>	<b><u>Description</u></b>
<u>99.1</u>	<u>Press Release dated June 30, 2022</u>

## Titan Medical Announces Appointment of Cary G. Vance as President and Chief Executive Officer

TORONTO, June 30, 2022 (GLOBE NEWSWIRE) -- Titan Medical Inc. (Nasdaq: TMDI; TSX: TMD), a medical device company focused on the development and commercialization of innovative surgical technologies for single access robotic-assisted surgery (RAS), today announced that Cary G. Vance has been appointed as the company's President and CEO effective July 1, 2022. Mr. Vance will succeed Paul Cataford, Titan's chair of the board of directors, who has served as Interim President and CEO since December 2021.

Mr. Vance previously served as President and CEO at Xcath Incorporated, a privately held neurovascular robotics company, and held similar positions at Optiscan Biomedical, and Myoscience. He also served as President and CEO at Hansen Medical, a publicly held intravascular robotics company acquired by Auris Health in 2016, which was subsequently acquired by Johnson & Johnson in 2019. Prior to Hansen Medical, Mr. Vance served in various global executive leadership roles at Teleflex, Covidien (now part of Medtronic) and GE Healthcare. Mr. Vance currently serves as a director of Titan Medical, having first been elected in September 2020.

"After a thorough search and selection process using a top tier recruiting firm and advisor, and after completing a rigorous leadership requirement and assessment analysis, we are pleased to announce that we have selected Cary as our next President and CEO. Cary brings extensive expertise and insights in robotic medical technology and minimally invasive surgery, filling this key leadership role," said Paul Cataford, Titan's Interim President and CEO. "It was during the interim management period and the interviewing and assessment of a number of candidates that we determined the final requirements for our next President and CEO, and Cary emerged as the best candidate."

"I am excited to transition from an oversight position on Titan's board to an executive position leading the company. I am already familiar with the team and the complexity of the product and the regulatory process, and will be able to take over from Paul quickly and effectively. Having Paul remain as a resource on the board and as chair made it easy to accept the appointment," said Mr. Vance. "Titan's innovative technology offers a compelling value proposition for patients, surgeons and hospitals and should enhance the care paradigm for patients seeking minimally invasive surgery through a single access point. I look forward to working with our talented and passionate team as we continue to evolve our business and commercialize our technology. Additionally, I look forward to interacting with investors during our next quarterly financial update."

Paul Cataford will continue to serve on Titan's board of directors as board chair. As the board chair is now independent, with Mr. Cataford having served less than 12 months as an interim executive, a lead independent is no longer required.

### About Titan Medical

Titan Medical Inc. (Nasdaq: TMDI; TSX: TMD), a medical device company headquartered in Toronto, Ontario and with operations in Chapel Hill, North Carolina, is focused on enhancing robotic assisted surgery using innovative technology through a single access point. The Enos™ robotic single access surgical system is being developed with an ergonomic focus to provide a surgical experience that imitates real-life movements that surgeons demand and includes multi-articulating instruments designed to allow surgeons an increased range of motion in a confined space, with dexterity and the ability to exert the forces necessary to complete common surgical tasks. With the Enos system, Titan intends to initially pursue gynecologic surgical indications.

Enos™ is a trademark of Titan Medical Inc.

For more information, visit [www.titanmedicalinc.com](http://www.titanmedicalinc.com) and follow @TitanMedical on Twitter and LinkedIn.

### Forward-Looking Statements

This news release contains "forward-looking statements" within the meaning of applicable Canadian and U.S. securities laws, which reflect the current expectations of management of the company's future growth, results of operations, performance, and business prospects and opportunities. 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, including, without limitation, references to: the company's focus on the design and development of surgical technologies for robotic single access surgery; the Enos system providing a surgical experience that imitates real-life movements; and the company's intention to initially pursue gynecologic surgical indications with the Enos system. These statements reflect management's current beliefs 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 for the fiscal year ended December 31, 2021, 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.

### Contact

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