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 March 2023

Commission File Number: 001-38524

Titan Medical Inc.

(Exact Name of Registrant as Specified in Charter)

76 Berkeley 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 Form 20-F or Form 40-F. Form 20-F \boxtimes Form 40-F \square

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: March 6, 2023 By: /s/ Stephen Lemieux

Name: Stephen Lemieux Title: Chief Financial Officer

EXHIBIT INDEX

99.1 <u>Material Change Report</u>

MATERIAL CHANGE REPORT Form 51-102F3

Item 1 Name and Address of Company

Titan Medical Inc. (the "Company" or "Titan") 76 Berkeley Street Toronto, Ontario M5A 2W7

Item 2 Date of Material Change

September 26, 2022

Item 3 News Release

Attached as Schedule "A" is a copy of a news release relating to a material change, which was disseminated on September 26, 2022, through GlobeNewswire. The news release was subsequently filed on the System for Electronic Document Analysis and Retrieval at www.sedar.com.

Item 4 Summary of Material Change

On September 26, 2022, the Company announced that Eric Heinz had been appointed as the Company's Vice President, Market and Corporate Development. Mr. Heinz would be responsible for developing and executing on strategic business plans to expand and accelerate Titan's Enos™ robotic single access surgical system's portfolio cadence.

Item 5 Full Description of Material Change

Please see the press release attached as Schedule "A" hereto.

Item 6 Reliance on subsection 7.1(2) of National Instrument 51-102

Not applicable.

Item 7 Omitted Information

Not applicable.

Item 8 Executive Officer

The following executive officer is knowledgeable about the material change and may be contacted about this report:

Stephen Lemieux Chief Financial Officer (416) 613-6203

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Email: stephen.lemieux@titanmedicalinc.com
Website: www.titanmedicalinc.com

Item 9 Date of Report

March 6, 2023

SCHEDULE "A"

See attached news release.

Titan Medical Announces Appointment of Eric Heinz as Vice President, Market and Corporate Development

TORONTO, ON, Sept. 26, 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 Eric Heinz has been appointed as the company's Vice President, Market and Corporate Development. Mr. Heinz will be responsible for developing and executing on strategic business plans to expand and accelerate Titan's EnosTM robotic single access surgical system's portfolio cadence. He will also lead existing partnerships and look to supplement those to maximize Titan's reach and the utilization of the Enos system. Mr. Heinz will engage and collaborate with stakeholders in refining the company's value proposition, branding, product positioning and core messaging.

"We are excited to have Eric join the senior leadership team. Eric brings a proven track record of leading efforts to grow businesses and augment markets in the dynamic surgical robotics industry. It was especially important for us to bring in a leader with extensive experience at leading successful negotiations while driving organic and inorganic growth in the medical technology industry," said Cary Vance, Titan's President and CEO.

Mr. Heinz has more than 20 years of medical device experience across business strategy, corporate development, product development and marketing for companies ranging in size from small-cap to multi-nationals. He recently served as Director, Business Development (M&A) for Smith & Nephew, where he led teams responsible for executing upon

the inorganic growth strategy via M&A, equity investments and co-development partnerships. Prior to joining Smith & Nephew, Mr. Heinz consulted to ZimmerBiomet, Medtech Surgical SA and a boutique investment bank, managing quality remediation, market development and private placement projects, respectively. He also served as senior marketing manager for the SYMBIS Surgical System MRI-compatible neurosurgical robotics business at IMRIS, and as a product manager over the \$500m instruments, accessories and video system portfolio at Intuitive Surgical. Mr. Heinz holds a Master of Engineering Management from Christian Brothers University, a Bachelor of Science in Bioengineering from The University of Illinois, Urbana-Champaign, and is anticipated to graduate with an Executive MBA degree from the Kellogg School of Management at Northwestern University in December 2022.

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.

EnosTM is a trademark of Titan Medical Inc.

For more information, visit 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", "plam", "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 and at 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 manage

Contact

Kristen Galfetti Vice President, Investor Relations & Corporate Communications +1-781-869-2553 investors@titanmedicalinc.com