

UNDERTAKING REGARDING FILING OF A MATERIAL CONTRACT

To: Ontario Securities Commission

Re: Titan Medical Inc. – Short Form Prospectus dated October 31, 2019 (the “Prospectus”)

In connection with the filing of the Prospectus, we undertake to arrange for the filing on SEDAR, as soon as practicable, but in any event within 7 days after execution, a copy of the Warrant Indenture.

Capitalized terms not otherwise defined herein shall have the meanings ascribed to such terms in the Prospectus.

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DATED this 31st day of October, 2019.

TITAN MEDICAL INC.

Per: Signed by [*Stephen Randall*]

Stephen Randall
Chief Financial Officer