

UNDERTAKING REGARDING FILING OF A MATERIAL CONTRACT

To: Ontario Securities Commission

Re: Titan Medical Inc. – Short Form Prospectus dated November 30, 2017 (the “Final Prospectus”)

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

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

[Signature Page to Follow]

DATED this 30th day of November, 2017.

TITAN MEDICAL INC.

Per: (signed) "Stephen Randall"
Stephen Randall
Chief Financial Officer