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November 30, 2017

British Columbia Securities Commission
Alberta Securities Commission
Ontario Securities Commission

Dear Sirs / Mesdames:

Re: Titan Medical Inc. (the "Company")

We refer to the Short Form Prospectus of Titan Medical Inc. (the "Company") dated November 30, 2017 relating to the distribution of minimum of 36,000,000 units and a maximum of 46,000,000 units at a price of CDN\$0.50 per unit, each unit consisting of one common share and one common share purchase warrant of the Company (the "Prospectus").

We consent to being named and to the use, through incorporation by reference in the above-mentioned Prospectus, of our report dated March 21, 2017 to the shareholders of the Company on the following financial statements:

- Balance sheets as at December 31, 2016 and December 31, 2015;
- Statements of shareholders' equity and deficit, net and comprehensive loss, and cash flows for the years ended December 31, 2016 and December 31, 2015, and a summary of significant accounting policies and other explanatory information.

We report that we have read the Prospectus and all information specifically incorporated by reference therein and have no reason to believe that there are any misrepresentations in the information contained therein that are derived from the financial statements upon which we have reported or that are within our knowledge as a result of our audit of such financial statements. We have complied with Canadian generally accepted standards for an auditor's consent to the use of a report of the auditor included in an offering document, which does not constitute an audit or review of the Prospectus as these terms are described in the CPA Canada Handbook - Assurance.

Yours truly,

BDO Canada LLP

Chartered Professional Accountants, Licensed Public Accountants