



**TITAN MEDICAL INC. BOARD OF
DIRECTORS MANDATE**

Introduction

The board of directors (the "Board") of Titan Medical Inc. (the "Company") is elected by the shareholders of the Company and is responsible for the stewardship of the Company. The purpose of this mandate is to describe the principal duties and responsibilities of the Board, as well as some of the policies and procedures that apply to the Board in discharging its duties and responsibilities.

Chair of the Board of Directors

The Chair of the Board (the "Chair") will be appointed by the Board, after considering the recommendation of the Company's Corporate Governance and Nomination Committee, for such term as the Board may determine.

Independence

The Board will be comprised of a majority of independent directors, as established by applicable laws and Rule 5605 of the NASDAQ Stock Market Rules and the rules of any stock exchanges upon which the Company's securities are listed, including section 3.1 of National Policy 58-201-*Corporate Governance Guidelines*.

Where the Chair is not independent, the independent directors may select one of their number to be appointed lead director of the Board for such term as the independent directors may determine. The Chair or lead director, if appointed, will chair regular meetings of the independent directors and assume other responsibilities that the independent directors as a whole have designated.

Role and Responsibilities of the Board

The role of the Board is to act honestly and in good faith and act in the best interest of the Company, and each member of the Board must exercise the care, diligence and skill that a reasonably prudent person would exercise in comparable circumstances. The Board is ultimately accountable and responsible for providing independent, effective leadership in supervising the management of the business and affairs of the Company.

The responsibilities of the Board include:

- adopting a strategic planning process;
- risk identification and ensuring that procedures are in place for the management of those risks;
- the Company's internal control and management information systems;
- review and approve annual operating plans and budgets;

- corporate social responsibility, ethics and integrity;
- review the integrity of the Chief Executive Officer (CEO) and the other executive officers and ensure that the CEO and other executive officers create a culture of integrity;
- succession planning, including the appointment, training and supervision of management;
- delegations and general approval guidelines for management;
- monitoring financial reporting and management;
- monitoring internal control and management information systems;
- corporate disclosure and communications including the adoption of a Corporate Disclosure Policy, which shall serve as the communication policy for the Company;
- adopting measures for receiving feedback from stakeholders;
- adopting key corporate policies designed to ensure that the Company, its directors, officers and employees comply with all applicable laws, rules and regulations and conduct their business ethically and with honesty and integrity;
- developing the Company's approach to governance; and
- such other items as required by law including the *Business Corporations Act* (Ontario).

Meetings of the Board will be held at least quarterly, with additional meetings to be held depending on the state of the Company's affairs and in light of opportunities or risks which the Company faces. After each meeting of the Board, the directors will meet without management being present. In addition, separate meetings of the independent directors of the Board may be held at which members of management and the non-independent directors are not present.

The Board will delegate responsibility for the day-to-day management of the Company's business and affairs to the Company's senior officers and will supervise such senior officers appropriately.

The Board may delegate certain matters it is responsible for to Board committees, presently consisting of the Audit Committee, Corporate Governance and Nominating Committee and Compensation Committee.

Strategic Planning Process and Risk Management

The Board will adopt a strategic planning process to establish objectives and goals for the Company's business and will review, approve and modify as appropriate the strategies proposed by senior management to achieve such objectives and goals. The Board will review and approve, at least on an annual basis, a strategic plan which takes into account, among other things, the opportunities and risks of the Company's business and affairs.

The Board, in conjunction with management, will identify the principal risks of the Company's business and oversee management's implementation of appropriate systems to effectively monitor, manage and mitigate the impact of such risks.

Succession Planning, Appointment and Supervision of Management

The Board will approve the succession plan for the Company, including the selection, appointment, supervision and evaluation of the CEO or any person acting in such capacity, and the other senior officers of the Company, and will also approve the compensation of the CEO or any person acting in such capacity, and the other senior officers of the Company.

In furtherance of the succession plan, the Board shall monitor senior management and oversee their training.

Delegations and Approval Authorities

The Board will delegate to the CEO, or any person acting in such capacity, senior management authority over the day-to-day management of the business and affairs of the Company.

Corporate Disclosure and Communications

The Board will seek to ensure that all corporate disclosure complies with all applicable laws, rules and regulations and the rules and regulations of the stock exchanges upon which the Company's securities are listed and the Corporate Disclosure Policy. In addition, the Board will adopt procedures that seek to ensure the security holders have a direct contact to a designated individual in order to provide them with corporate information.

Corporate Policies

The Board will adopt and monitor compliance of the policies and procedures, which are designed to ensure that the Company, its directors, officers and employees comply with all applicable laws, rules and regulations and conduct the Company's business ethically and with honesty and integrity. Principal policies consist of:

- Code of Conduct;
- Insider Trading Policy;
- Whistleblower Policy

Review of Mandate

The Corporate Governance and Nominating Committee will annually review and assess the adequacy of this mandate and recommend any proposed changes to the Board for consideration. The Board may, from time to time, amend this Mandate.

The Board may, from time to time, permit departures from the terms of this Mandate, either prospectively or retrospectively. The terms of this Mandate are not intended to give rise to civil liability on the part of the Company or its directors or officers to shareholders, security holders, customers, suppliers, competitors, employees or other persons, or to any other liability whatsoever on their part.

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