

PAXMEDICA, INC.

Nominating and Corporate Governance Committee Charter

I. General Statement of Purpose

The purposes of the Nominating and Corporate Governance Committee of the Board of Directors (the “Nominating Committee”) of PaxMedica, Inc. (the “Company”) are to (A) identify individuals qualified to become members of the Board of Directors of the Company (the “Board”), consistent with criteria approved by the Board; (B) recommend that the Board select the director nominees for election at each annual meeting of stockholders and for vacancies occurring between each annual meeting of stockholders; (C) develop and recommend to the Board a set of corporate governance guidelines applicable to the Company and periodically review such guidelines and recommend any changes thereto; and (D) oversee the evaluation of the Board.

II. Nominating Committee Composition

The number of individuals serving on the Nominating Committee shall be fixed by the Board from time to time, but shall consist of no fewer than two members, each of whom shall satisfy the independence standards established pursuant to Rule 5605(a)(2) of the Listing Rules of the Nasdaq Stock Market LLC (the “Nasdaq Rules”), subject to any applicable exceptions contained in the Nasdaq Rules.

The Nominating Committee shall recommend to the Board nominees for appointment to the Nominating Committee annually and as vacancies or newly created positions occur. The members of the Nominating Committee shall be appointed annually by the Board and may be replaced or removed by the Board at any time with or without cause. Resignation or removal of the director from the Board, for whatever reason, shall automatically constitute resignation or removal, as applicable, from the Nominating Committee. Any vacancy, occurring for whatever reason, may be filled by the Board. The Board shall designate one member of the Nominating Committee to be Chair of the Nominating Committee.

III. Nominating Committee Activities

The Nominating Committee’s purpose and responsibilities shall be to:

A. Selection of New Directors

- Recommend to the Board criteria for Board and committee membership, which shall include a description of any specific, minimum qualifications that the Nominating Committee believes must be met by a Nominating Committee-recommended nominee, including issues of character, integrity, judgment, diversity and independence, consideration of any potential conflicts of interest, and a description of any specific qualities or skills that the Nominating Committee believes are necessary for one or more of the Company’s directors to possess, and periodically reassess the adequacy of such criteria and submit any proposed changes to the Board for approval.

- Establish a policy with regard to the consideration of director candidates recommended by stockholders and procedures to be followed by stockholders in submitting recommendations for director candidates to the Nominating Committee.
- Establish a process for identifying and evaluating nominees for the Board, including nominees recommended by securityholders. The current process for identifying and evaluating nominees for the Board is as follows:
 1. The Nominating Committee may solicit recommendations from any or all of the following sources: non-management directors, the Company's Chief Executive Officer (the "CEO"), other executive officers, third-party search firms, or any other source it deems appropriate.
 2. The Nominating Committee will review and evaluate the qualifications of any such proposed director candidate, with no regard to the source of the initial recommendation of such proposed director candidate, and conduct inquiries it deems appropriate.
 3. In identifying and evaluating proposed director candidates, the Nominating Committee may consider, in addition to the minimum qualifications and other criteria for Board membership approved by the Board from time to time, all facts and circumstances that it deems appropriate or advisable, including, among other things, the skills of the proposed director candidate, his or her depth and breadth of business experience or other background characteristics, his or her independence and the needs of the Board.
- Review all stockholder nominations and proposals submitted to the Company (including any proposal relating to the procedures for making nominations or electing directors), determine whether the nomination or proposal was submitted in a timely manner and, in the case of a director nomination, whether the nomination and the nominee satisfy all applicable eligibility requirements, and recommend to the Board appropriate action on each such nomination or proposal.
- Upon identifying individuals qualified to become members of the Board, consistent with the minimum qualifications and other criteria approved by the Board from time to time, recommend that the Board select the director nominees for election at each annual meeting of stockholders or, if applicable, at a special meeting of stockholders, and in the case of any vacancy in the office of a director (including a vacancy created by an increase in the size of the Board), recommend a nominee to fill such vacancy; provided that, if the Company is legally required by contract or otherwise to provide third parties with the ability to nominate individuals for election as a member of the Board (pursuant, for example, to the rights

of holders of preferred stock to elect directors upon a dividend default or in accordance with shareholder agreements or management agreements), the selection and nomination of such director nominees shall be governed by such contract or other arrangement and shall not be the responsibility of the Nominating Committee.

- Recommend that the Board select the directors for appointment to committees of the Board.

B. Corporate Governance

- Review and discuss with the Board corporate succession plans for the CEO and other key officers of the Company.

C. Evaluation of Board of Directors

- Oversee periodic self-evaluations of the Board and its committees to determine whether it and its committee are functioning effectively. The Nominating Committee shall determine the nature of the evaluation, including with respect to consideration of potential conflicts of interest, supervise the conduct of the evaluation and prepare an assessment of the Board's performance, to be discussed with the Board.

D. Matters Relating to Retention and Termination of Search Firms to Identify Director Candidates

- Exercise sole authority to retain and terminate any search firm that is to be used by the Company to assist in identifying director candidates. The Nominating Committee shall also have sole authority to approve any such search firm's fees and other retention terms.

E. Review of Charter

- Review and reassess the adequacy of this Charter annually and submit any proposed changes to the Board for approval.

F. Performance Evaluation of the Nominating Committee

- Undertake periodically a performance evaluation of the Nominating Committee and report to the Board on the results of such evaluation.

IV. General

- The Nominating Committee may establish and delegate authority to subcommittees consisting of one or more of its members, when the Nominating Committee deems it appropriate to do so in order to carry out its responsibilities.

- The Nominating Committee shall have such other duties as may be delegated from time to time by the Board.
- The Nominating Committee shall report regularly to the Board concerning areas of the Nominating Committee's responsibility.
- In carrying out its responsibilities, the Nominating Committee shall be entitled to rely upon advice and information that it receives in its discussions and communications with management and such experts, advisers and professionals with whom the Nominating Committee may consult.
- The Nominating Committee is authorized to request that any officer or employee of the Company, the Company's outside legal counsel, the Company's independent auditor or any other professional retained by the Company to render advice to the Company, attend a meeting of the Nominating Committee or meet with any members of or advisers to the Nominating Committee. The Nominating Committee shall also have the authority to engage legal, accounting or other advisers to provide it with advice and information in connection with carrying out its responsibilities and shall have sole authority to approve any such adviser's fees and other retention terms, which shall be paid by the Company.

V. Meetings

The Nominating Committee shall meet as often as it determines is appropriate to carry out its responsibilities. The Nominating Committee may meet in person or by conference telephone or other communications equipment by means of which all persons participating in the meeting can hear each other, with any additional meetings as deemed necessary or appropriate by the Nominating Committee. A majority of the members of the Nominating Committee shall constitute a quorum for purposes of holding a meeting and the Nominating Committee may act by a vote of a majority of members present at such meeting. In lieu of a meeting, the Nominating Committee may act by unanimous written consent.

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Adopted August 2, 2022.