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**UNITED STATES  
SECURITIES AND EXCHANGE COMMISSION**  
Washington, D.C. 20549

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**FORM 8-K**

**CURRENT REPORT**

**Pursuant to Section 13 or 15(d) of The Securities Exchange Act of 1934**

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Date of Report (Date of earliest event reported): **September 17, 2018**

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**XTANT MEDICAL HOLDINGS, INC.**

(Exact name of registrant as specified in its charter)

**Delaware**  
(State or other jurisdiction  
of incorporation)

**001-34951**  
(Commission  
File Number)

**20-5313323**  
(I.R.S. Employer  
Identification Number)

**664 Cruiser Lane**  
**Belgrade, Montana**  
(Address of principal executive offices)

**59714**  
(Zip Code)

**(406) 388-0480**  
(Registrant's telephone number, including area code)

**Not Applicable**  
(Former name or former address, if changed since last report)

Check the appropriate box below if the Form 8-K filing is intended to simultaneously satisfy the filing obligation of the registrant under any of the following provisions:

- Written communications pursuant to Rule 425 under the Securities Act (17 CFR 230.425)
- Soliciting material pursuant to Rule 14a-12 under the Exchange Act (17 CFR 240.14a-12)
- Pre-commencement communications pursuant to Rule 14d-2(b) under the Exchange Act (17 CFR 240.14d-2(b))
- Pre-commencement communications pursuant to Rule 13e-4(c) under the Exchange Act (17 CFR 240.13e-4(c))

Indicate by check mark whether the registrant is an emerging growth company as defined in Rule 405 of the Securities Act of 1933 (17 CFR §230.405) or Rule 12b-2 of the Securities Exchange Act of 1934 (17 CFR 240.12b-2).

Emerging growth company

If an emerging growth company, indicate by check mark if the registrant has elected not to use the extended transition period for complying with any new or revised financial accounting standards provided pursuant to Section 13(a) of the Exchange Act.

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## **Item 1.01. Entry into a Material Definitive Agreement.**

### *Twenty-Fourth Amendment to the Amended and Restated Credit Agreement*

On September 17, 2018, Bacterin International, Inc. (“Bacterin” and the “Borrower”) and a wholly owned subsidiary of Xtant Medical Holdings, Inc. (the “Company”), and each of the Company and its wholly owned subsidiaries, X-Spine Systems, Inc. (“X-Spine”, and together with the Borrower, the “Borrowers”) and Xtant Medical, Inc., as guarantors (collectively, the “Guarantors”), and ROS Acquisition Offshore LP (“ROS”) and OrbiMed Royalty Opportunities II, LP (“Royalty Opportunities”, and together with ROS, the “Investors”) entered into the Twenty-Fourth Amendment to the Amended and Restated Credit Agreement (the “24<sup>th</sup> Amendment”), which amended the Amended and Restated Credit Agreement dated July 27, 2015 by and among Bacterin, ROS, as lender and administrative agent, and Royalty Opportunities, as lender (collectively, the “Amended and Restated Credit Agreement” and the facility created under such agreement, the “Credit Facility”), effective as of April 1, 2018. Under the terms of the 24<sup>th</sup> Amendment, no interest will be charged on the loans under the Credit Facility (the “Loans”) from April 1, 2018 until June 30, 2018.

### *Twenty-Fifth Amendment to the Amended and Restated Credit Agreement*

Also on September 17, 2018, the Borrowers, the Guarantors and the Investors entered into the Twenty-Fifth Amendment to the Amended and Restated Credit Agreement (the “25<sup>th</sup> Amendment”), which further amended the Amended and Restated Credit Agreement and terms of the Credit Facility, effective as of August 1, 2018. Under the terms of the 25<sup>th</sup> Amendment:

- no interest will be charged on the Loans under the Credit Facility from July 1, 2018 until December 31, 2018;
- the Optional PIK Interest (as such term is defined in the Amended and Restated Credit Agreement) was decreased from 15% plus the LIBO Rate (as such term is defined in the Amended and Restated Credit Agreement) to 10% plus the LIBO Rate, with a 2.3125% floor;
- a LIBO Rate floor of 2.3125% was added; and
- the fee due upon payment, prepayment or repayment of the principal amount of the Loans under the Credit Facility, whether on the maturity date or otherwise, was increased to 2% from 1% of the aggregate principal amount of such payment, prepayment or repayment.

The Company issued warrants to purchase an aggregate of 1.2 million shares of Company common stock to the Investors, with an exercise price of \$0.01 per share and an expiration date of August 1, 2028 (collectively, the “Warrants”). The issuance of the Warrants occurred on September 17, 2018 and was a condition to the effectiveness of the 25<sup>th</sup> Amendment. The number of shares of Company common stock issuable upon exercise of the Warrants are subject to standard and customary anti-dilution provisions for stock splits, stock dividends or similar transactions.

The Investors, which collectively own approximately 70% of the Company’s outstanding common stock, are the sole holders of the Company’s outstanding long-term debt. In addition, as described in more detail in the definitive proxy statement for the Company’s 2018 annual meeting of stockholders filed with the Securities and Exchange Commission (the “SEC”) on June 26, 2018, as amended, the Company is a party to an Investor Rights Agreement and Registration Rights Agreement with the Investors in addition to the Amended and Restated Credit Agreement, as amended.

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The foregoing summary of the 24<sup>th</sup> Amendment and 25<sup>th</sup> Amendment does not purport to be complete and is qualified in its entirety by reference to the text of the 24<sup>th</sup> Amendment and 25<sup>th</sup> Amendment, which are filed as Exhibits 10.1 and 10.2, respectively, to this Current Report on Form 8-K and incorporated herein by reference.

The foregoing summary of the Warrants does not purport to be complete and is qualified in its entirety by reference to the text of the Warrants, which are filed as Exhibits 4.1 and 4.2 to this Current Report on Form 8-K and incorporated herein by reference.

### Item 3.02. Unregistered Sales of Equity Securities.

The information contained in Item 1.01 of this Current Report on Form 8-K is incorporated herein by reference. The issuance of the Warrants was exempt from the registration requirements of the Securities Act of 1933, as amended (the "Securities Act"), pursuant to Section 4(a)(2) thereof and/or Regulation D promulgated thereunder. The issuance of any shares of Company common stock in connection with the exercise of the Warrants is also expected to be exempt from the registration requirements of the Securities Act, pursuant to Section 4(a)(2) thereof and/or Regulation D promulgated thereunder.

### Item 7.01 Regulation FD Disclosure.

On September 17, 2018, the Company issued a press release announcing the foregoing amendments to its Credit Facility, a copy of which is filed as Exhibit 99.1 to this Current Report on Form 8-K and incorporated herein by reference.

The Company is furnishing the information contained in this Item 7.01 of this Current Report on Form 8-K and Exhibit 99.1 to this report pursuant to Item 7.01 of Form 8-K promulgated by the SEC. This information shall not be deemed to be "filed" with the SEC for the purposes of Section 18 of the Securities Exchange Act of 1934, as amended ("Exchange Act"), or otherwise subject to the liabilities of that section, nor shall it be deemed to be incorporated by reference in any filing under the Securities Act or the Exchange Act, except as expressly set forth by specific reference in such filing. By filing this report and furnishing this information, the Company makes no admission as to the materiality of any information contained in this Item 7.01 of this report and Exhibit 99.1.

### Item 9.01 Financial Statements and Exhibits.

(d) Exhibits.

<b>Exhibit No.</b>	<b>Description</b>
4.1	<a href="#">Warrant, dated as of September 17, 2018, issued by Xtant Medical Holdings, Inc. to ROS Acquisition Offshore LP (filed herewith)</a>
4.2	<a href="#">Warrant, dated as of September 17, 2018, issued by Xtant Medical Holdings, Inc. to OrbiMed Royalty Opportunities II, LP (filed herewith)</a>
10.1	<a href="#">Twenty-Fourth Amendment to Amended and Restated Credit Agreement, effective as of April 1, 2018, by and among Bacterin International, Inc., Xtant Medical Holdings, Inc., X-Spine Systems, Inc., Xtant Medical, Inc., ROS Acquisition Offshore LP and OrbiMed Royalty Opportunities II, LP (filed herewith)</a>
10.2	<a href="#">Twenty-Fifth Amendment to Amended and Restated Credit Agreement, effective as of August 1, 2018, by and among Bacterin International, Inc., Xtant Medical Holdings, Inc., X-Spine Systems, Inc., Xtant Medical, Inc., ROS Acquisition Offshore LP and OrbiMed Royalty Opportunities II, LP (filed herewith)</a>
99.1	<a href="#">Press Release of Xtant Medical Holdings, Inc. dated September 17, 2018, entitled "Xtant Medical Announces Amendments to Credit Facility" (furnished herewith)</a>

**SIGNATURE**

Pursuant to the requirements of the Securities Exchange Act of 1934, the registrant has duly caused this report to be signed on its behalf by the undersigned hereunto duly authorized.

**XTANT MEDICAL HOLDINGS, INC.**

By: */s/ Carl D. O'Connell*

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Carl D. O'Connell  
*Chief Executive Officer*

Dated: September 17, 2018

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THIS WARRANT AND THE SECURITIES PURCHASABLE HEREUNDER HAVE NOT BEEN REGISTERED UNDER THE SECURITIES ACT OF 1933 AND MAY NOT BE SOLD, OFFERED FOR SALE, PLEDGED OR HYPOTHECATED IN THE ABSENCE OF AN EFFECTIVE REGISTRATION STATEMENT FILED UNDER SAID ACT AND ANY APPLICABLE STATE SECURITIES LAWS, UNLESS AN EXEMPTION FROM SUCH REGISTRATION IS AVAILABLE.

XTANT MEDICAL HOLDINGS, INC.

WARRANT

dated as of September 17, 2018

THIS CERTIFIES THAT, for value received, ROS ACQUISITION OFFSHORE LP or its successors or permitted assigns (such Person and such successors and assigns each being the "Warrant Holder" with respect to the Warrant held by it), at any time and from time to time on any Business Day on or prior to 5:00 p.m. (New York City time), on the Expiration Date (as herein defined), is entitled (a) to subscribe for the purchase from Xtant Medical Holdings, Inc., a Delaware corporation (the "Company"), 765,992 Shares at a price per Share equal to the Exercise Price (as herein defined), and (b) to the other rights set forth herein; provided that the number of Shares issuable upon any exercise of this Warrant and the Exercise Price shall be adjusted and readjusted from time to time in accordance with Section 4. By accepting delivery hereof, the Warrant Holder agrees to be bound by the provisions hereof.

IN FURTHERANCE THEREOF, the Company irrevocably undertakes and agrees for the benefit of Warrant Holder as follows:

Section 1. Definitions and Construction.

(a) Certain Definitions. As used herein (the following definitions being applicable in both singular and plural forms):

"**Affiliate**" means, with respect to any Person, any other Person that directly or indirectly controls, is controlled by, or is under common control with such Person.

"**Appraised Value**" means at any time the fair market value thereof determined in good faith by the Board of Directors of the Company as of a date which is within ten (10) days of the date as of which the determination is to be made, subject to the rights of the Requisite Holders pursuant to Section 4(m).

"**Business Day**" means any day except a Saturday, Sunday or other day on which commercial banks in New York City are authorized by law to close.

**“Closing Price”** means, for any trading day with respect to a Share, (a) the last reported sale price on such day on the principal national securities exchange on which the Shares are listed or admitted to trading or, if no such reported sale takes place on any such day, the average of the closing bid and asked prices thereon, as reported in The Wall Street Journal, or (b) if such Shares shall not be listed or admitted to trading on a national securities exchange, the last reported sales price on the NASDAQ National Market System or, if no such reported sale takes place on any such day, the average of the closing bid and asked prices thereon, as reported in The Wall Street Journal, or (c) if such Shares shall not be quoted on such National Market System nor listed or admitted to trading on a national securities exchange, then the average of the closing bid and asked prices, as reported by The Wall Street Journal for the over-the-counter market; provided that if clause (a), (b), or (c) applies and no price is reported in The Wall Street Journal for any trading day, then the price reported in The Wall Street Journal for the most recent prior trading day shall be deemed to be the price reported for such trading day.

**“Commission”** means the Securities and Exchange Commission or any other Federal agency administering the Securities Act at the time.

**“Exchange Act”** means the Securities Exchange Act of 1934, or any successor Federal statute, and the rules and regulations of the Commission thereunder, all as the same shall be in effect at the time.

**“Exercise Amount”** means for any number of Warrant Shares as to which this Warrant is being exercised the product of (i) such number of Warrant Shares times (ii) the Exercise Price.

**“Exercise Price”** means \$0.01 per Warrant Share, as adjusted from time to time pursuant to Section 4.

**“Expiration Date”** means August 1, 2028.

**“Initial Holder”** means ROS Acquisition Offshore LP.

**“Market Price”** on any day means (a) the unweighted average of the daily Closing Prices per Share for the 20 consecutive trading days prior to such date or (b) if clauses (a), (b) and (c) of the definition of “Closing Price” are inapplicable, then the Appraised Value as of such day shall apply; provided that for purposes of the application of Section 4(b) to a Share Distribution pursuant to a public offering registered under the Securities Act, “Market Price” means the Closing Price per Share for the trading day preceding the effective date of the registration statement with respect to such public offering (or in the case of an initial public offering, the price per Share in such offering).

**“Person”** means an individual, a corporation, a partnership, an association, a trust or any other entity or organization, including a government or political subdivision or an agency or instrumentality thereof.

**“Requisite Holders”** means at any time holders of Warrant Shares and Warrants representing at least a majority of all of the Warrant Shares either outstanding or issuable upon the exercise of all the outstanding Warrants.

**“Securities Act”** means the Securities Act of 1933, or any successor Federal statute, and the rules and regulations of the Commission thereunder, all as the same shall be in effect at the time.

“**Shares**” means the Company’s currently authorized common stock, \$0.000001 par value, and stock of any other class or other consideration into which such currently authorized capital stock may hereafter have been changed.

“**Warrant**” means, as the context requires, this warrant and any successor warrant thereto or warrants issued upon a whole or partial transfer or assignment of any such Share purchase warrant or of any such successor warrant thereto.

“**Warrant Shares**” means the number of Shares issued or issuable upon exercise of this Warrant as set forth in the introduction hereto, as adjusted from time to time pursuant to Section 4.

(b) Accounting Terms and Determinations. Unless otherwise specified herein, all accounting terms used herein shall be interpreted, all accounting determinations hereunder shall be made, and all financial statements required to be delivered hereunder shall be prepared, in accordance with generally accepted accounting principles. When used herein, the term “financial statements” shall include the notes and schedules thereto. References to fiscal periods are to fiscal periods of the Company.

(c) Computation of Time Periods. With respect to the computation of periods of time from a specified date to a later specified date, the word “from” means “from and including” and the words “to” and “until” each mean “to but excluding.” Periods of days shall be counted in calendar days unless otherwise stated.

(d) Construction. Unless the context requires otherwise, references to the plural include the singular and to the singular include the plural, references to any gender include any other gender, the part includes the whole, the term “including” is not limiting, and the term “or” has, except where otherwise indicated, the inclusive meaning represented by the phrase “and/or.” The words “hereof,” “herein,” “hereby,” “hereunder,” and similar terms in this Warrant refer to this Warrant as a whole and not to any particular provision of this Warrant. Section, subsection, clause, exhibit and schedule references are to this Warrant, unless otherwise specified. Any reference to this Warrant includes any and all permitted alterations, amendments, changes, extensions, modifications, renewals, or supplements thereto or thereof, as applicable.

(e) Exhibits and Schedules. All of the exhibits and schedules attached hereto shall be deemed incorporated herein by reference.

(f) No Presumption Against Any Party. Neither this Warrant nor any uncertainty or ambiguity herein or therein shall be construed or resolved using any presumption against any party hereto or thereto, whether under any rule of construction or otherwise. On the contrary, this Warrant has been reviewed by each of the parties and their counsel and, in the case of any ambiguity or uncertainty, shall be construed and interpreted according to the ordinary meaning of the words used so as to fairly accomplish the purposes and intentions of all parties hereto.



Section 2. Exercise of Warrant.

(a) Exercise and Payment. The Warrant Holder may exercise this Warrant in whole or in part, at any time or from time to time on any Business Day beginning six months after the date on which this Warrant is issued on or prior to the Expiration Date, by delivering to the Company either the original Warrant or a lost warrant affidavit, a duly executed notice (a “**Notice of Exercise**”) in the form of Exhibit A and by payment to the Company of the Exercise Price per Warrant Share, at the election of the Warrant Holder, either (i) by wire transfer of immediately available funds to the account of the Company in an amount equal to the Exercise Amount, (ii) by receiving from the Company the number of Warrant Shares equal to (A) the number of Warrant Shares as to which this Warrant is being exercised minus (B) the number of Warrant Shares having a value, based on the Closing Price on the trading day immediately prior to the date of such exercise (or if there is no such Closing Price, then based on the Appraised Value as of such day), equal to the Exercise Amount, or (iii) any combination of the foregoing. The Company acknowledges that the provisions of clause (ii) are intended, in part, to ensure that a full or partial exchange of this Warrant pursuant to such clause (ii) will qualify as a conversion, within the meaning of paragraph (d)(3)(ii) of Rule 144 under the Securities Act. At the request of any Holder, the Company will accept reasonable modifications to the exchange procedures provided for in this Section in order to accomplish such intent. For all purposes of this Warrant (other than this Section 2(a)), any reference herein to the exercise of this Warrant shall be deemed to include a reference to the exchange of this Warrant into Shares in accordance with the terms of clause (ii).

(b) Effectiveness and Delivery. As soon as practicable but not later than five Business Days after the Company shall have received such Notice of Exercise, (provided requisite payment shall have been received prior to such date), the Company shall execute and deliver or cause to be executed and delivered, in accordance with such Notice of Exercise, a certificate or certificates representing the number of Shares specified in such Notice of Exercise, issued in the name of the Warrant Holder or in such other name or names of any Person or Persons designated in such Notice of Exercise. This Warrant shall be deemed to have been exercised and such Share certificate or certificates shall be deemed to have been issued, and the Warrant Holder or other Person or Persons designated in such Notice of Exercise shall be deemed for all purposes to have become a holder of record of Shares, all as of the date that such Notice of Exercise.

(c) Surrender of Warrant. The Warrant Holder shall surrender this Warrant to the Company when it delivers the Notice of Exercise, and in the event of a partial exercise of the Warrant, the Company shall execute and deliver to the Warrant Holder, at the time the Company delivers the Share certificate or certificates issued pursuant to such Notice of Exercise, a new Warrant for the unexercised portion of the Warrant, but in all other respects identical to this Warrant.

(d) Legend. Each certificate for Warrant Shares issued upon exercise of this Warrant, unless at the time of exercise such Warrant Shares are registered under the Securities Act, shall bear the following legend:

THIS SECURITY HAS NOT BEEN REGISTERED UNDER THE SECURITIES ACT OF 1933 AND MAY NOT BE SOLD, OFFERED FOR SALE, PLEDGED OR HYPOTHECATED IN THE ABSENCE OF AN EFFECTIVE REGISTRATION STATEMENT FILED UNDER SAID ACT AND ANY APPLICABLE STATE SECURITIES LAWS, UNLESS AN EXEMPTION FROM SUCH REGISTRATION IS AVAILABLE.

Any certificate for Warrant Shares issued at any time in exchange or substitution for any certificate bearing such legend (unless at that time such Warrant Shares are registered under the Securities Act) shall also bear such legend unless, in the written opinion of counsel selected by the holder of such certificate (who may be an employee of such holder), which counsel and opinion shall be reasonably acceptable to the Company, the Warrant Shares represented thereby need no longer be subject to restrictions on resale under the Securities Act. If the Warrant is exercised when there is an effective registration statement covering the underlying Warrant Shares, the certificate for the Warrant Shares shall not bear a legend.

(e) No Fractional Shares. No fractional Shares shall be issued by the Company in connection with any exercise of this Warrant. If any fractional Shares would, but for this restriction, be issuable upon an exercise of the Warrant, in lieu of delivering such fractional Shares, the number of Shares to be issued shall be rounded down to the next whole number and the Company shall pay to the Warrant Holder, in cash, an amount equal to the same fraction times the Closing Price on the trading day immediately prior to the date of such exercise (or if there is no such Closing Price, then based on the Appraised Value as of such day).

(f) Expenses and Taxes. Except for taxes payable with respect to any income or revenue realized or recognized by the Warrant Holder or any transferee thereof, the Company shall pay all expenses, taxes and owner charges payable in connection with the preparation, issuance and delivery of certificates for the Warrant Shares and any new Warrants, except that if the certificates for the Warrant Shares or the new Warrants are to be registered in a name or names other than the name of the Warrant Holder, funds sufficient to pay all transfer taxes payable as a result of such transfer shall be paid by the Warrant Holder at the time of its delivery of the Notice of Exercise or promptly upon receipt of a written request by the Company for payment.

### Section 3. Validity of Warrant and Issuance of Shares.

(a) The Company represents and warrants that this Warrant has been duly authorized, is validly issued, and constitutes the valid and binding obligation of the Company.

(b) The Company further represents and warrants that on the date hereof it has duly authorized and reserved, and the Company hereby agrees that it will at all times until the Expiration Date have duly authorized and reserved, such number of Shares as will be sufficient to permit the exercise in full of the Warrant, and that all such Shares are and will be duly authorized and, when issued upon exercise of the Warrant, will be validly issued, fully paid and non-assessable, and free and clear of all security interests, claims, liens, equities and other encumbrances.

Section 4. Antidilution Provisions. The Exercise Price in effect at any time, and the number of Warrant Shares that may be purchased upon any exercise of the Warrant, shall be subject to change or adjustment as follows:

(a) Share Reorganization. If the Company shall subdivide its outstanding Shares into a greater number of Shares, by way of a stock split, stock dividend or otherwise, or consolidate its outstanding Shares into a smaller number of Shares (any such event being herein called a “**Share Reorganization**”), then (i) the Exercise Price shall be adjusted, effective immediately after the effective date of such Share Reorganization, to a price determined by multiplying the Exercise Price in effect immediately prior to such effective date by a fraction, the numerator of which shall be the number of Shares outstanding on such effective date before giving effect to such Share Reorganization and the denominator of which shall be the number of Shares outstanding after giving effect to such Share Reorganization, and (ii) the number of Shares subject to purchase upon exercise of this Warrant shall be adjusted, effective at such time, to a number determined by multiplying the number of Shares subject to purchase immediately before such Share Reorganization by a fraction, the numerator of which shall be the number of Shares outstanding after giving effect to such Share Reorganization and the denominator of which shall be the number of Shares outstanding immediately before giving effect to such Share Reorganization.

(b) Share Distribution. [Reserved]

(c) Special Distributions; Above Market Purchases of Securities.

(i) If the Company shall issue or distribute to any holder or holders of Shares evidences of indebtedness, any other securities of the Company or any cash, property or other assets (excluding (i) a Share Reorganization and (ii) a Share Distribution), whether or not accompanied by a purchase, redemption or other acquisition of Shares (any such nonexcluded event being herein called a “**Special Distribution**”), then the Warrant Holder shall be entitled to a pro-rata Share of such Special Distribution as though the Warrant Holder had fully exercised this Warrant immediately prior to the record date for such Special Distribution, and the Company shall pay or distribute such pro-rata share to Warrant Holder when paid or distributed to the holders of the Shares. A reclassification of the Shares (other than a change in par value, or from par value to no par value or from no par value to par value) into shares of any other class of stock shall be deemed to be a distribution by the Company to the holders of its Shares of such class of stock and, if the outstanding Shares shall be changed into a larger or smaller number of Shares as part of such reclassification, a Share Reorganization.

(ii) If, at any time after the date hereof, the Company or any Subsidiary shall repurchase (a “**Repurchase**”), by self-tender offer or otherwise, any securities of the Company at an aggregate repurchase price that exceeds the aggregate Market Price for the securities repurchased determined as of the Business Day immediately prior to the earliest of (i) the date of such Repurchase, (ii) the commencement of an offer to repurchase or (iii) the public announcement of either (such date being referred to as the “Determination Date”), then the Exercise Price and the number of Warrant Shares issuable upon exercise of this Warrant shall be adjusted as follows:

The Exercise Price shall be reduced to an amount equal to the product of (A) the Exercise Price in effect immediately prior to such issuance or sale times (B) a fraction, (I) the numerator of which shall be (x) the product of (1) the Market Price for the Shares as of the Determination Date times (2) the number of Shares outstanding immediately following the consummation of the Repurchase less (y) the Repurchase Premium (as defined below), and (II) the denominator of which shall be (x) the product of (1) the Market Price for the Shares as of the Determination Date times (2) the number of Shares outstanding immediately following the consummation of the Repurchase.

The number of Warrant Shares issuable upon exercise of this Warrant shall be increased to the number of Shares determined by multiplying (x) the number of Warrant Shares issuable upon exercise of this Warrant immediately prior to such distribution times (y) a fraction (1) the numerator of which shall be the Exercise Price in effect immediately prior to the adjustment in clause (A) of this Section 4(c)(ii) and (2) the denominator of which shall be the Exercise Price in effect immediately after such adjustment.

The amount by which the aggregate repurchase price for all securities repurchased in any Repurchase (including for such purposes any fees or other direct or indirect consideration payable in connection therewith) exceeds the aggregate Market Price for such securities is referred to as the “Repurchase Premium.”

(d) **Capital Reorganization.** Without limiting any of the other provisions hereof, if any (i) capital reorganization; (ii) reclassification of the capital stock of the Company; (iii) merger, consolidation or reorganization or other similar transaction or series of related transactions which results in the voting securities of the Company outstanding immediately prior thereto representing immediately thereafter (either by remaining outstanding or by being converted into voting securities of the surviving or acquiring entity) less than 50% of the combined voting power of the voting securities of or economic interests in the Company or such surviving or acquiring entity outstanding immediately after such merger, consolidation or reorganization; (iv) sale, lease, license, transfer, conveyance or other disposition of all or substantially all of the assets of the Company; (v) sale of shares of capital stock of the Company, in a single transaction or series of related transactions, representing at least 50% of the voting power of the voting securities of or economic interests in the Company; or (vi) the acquisition by any “person” (together with his, her or its Affiliates) or “group” (within the meaning of Section 13(d) or 14(d) of the Exchange Act) acquires, directly or indirectly, the beneficial ownership (as such term is defined in Rule 13d-3 promulgated under the Exchange Act) of outstanding shares of capital stock and/or other equity securities of the Company, in a single transaction or series of related transactions (including, without limitation, one or more tender offers or exchange offers), representing at least 50% of the voting power of or economic interests in the then outstanding shares of capital stock of the corporation (each of (i)-(vi) above a “**Corporate Reorganization**”) shall be effected, then the Company shall use its best efforts to ensure that lawful and adequate provision shall be made whereby each Warrant Holder shall thereafter continue to have the right to purchase and receive upon the basis and upon the terms and conditions herein specified and in lieu of the Warrant Shares issuable upon exercise of the Warrants held by such Warrant Holder, shares of stock in the surviving or acquiring entity (“**Acquirer**”), as the case may be, such that the aggregate value of the Warrant Holder’s warrants to purchase such number of shares, where the value of each new warrant to purchase one share in the Acquirer is determined in accordance with the Black-Scholes Option Pricing formula set forth in Appendix (A) hereto, is equivalent to the aggregate value of the Warrants held by such Warrant Holder, where the value of each Warrant to purchase one share in the Company is determined in accordance with the Black-Scholes Option Pricing formula set forth Appendix (B) hereto. Furthermore, the new warrants to purchase shares in the Acquirer referred to herein shall have the same expiration date as the Warrants, and shall have a strike price,  $K_{Acq}$ , that is calculated in accordance with Appendix (A) hereto. For the avoidance of doubt, if the surviving or acquiring entity, as the case may be, is a member of a consolidated group for financial reporting purposes, the “Acquirer” shall be deemed to be the parent of such consolidated group for purposes of this Section 4(d) and Appendix (A) hereto.

Moreover, appropriate provision shall be made with respect to the rights and interests of each Warrant Holder to the end that the provisions hereof (including, without limitation, provision for adjustment of the Warrant Price) shall thereafter be applicable, as nearly equivalent as may be practicable in relation to any shares of stock thereafter deliverable upon the exercise thereof. The Company shall not effect any such Corporate Reorganization unless prior to or simultaneously with the consummation thereof the successor corporation resulting from such consolidation or merger, or the corporation purchasing or otherwise acquiring such assets or other appropriate corporation or entity shall assume by written instrument, reasonably deemed by the Board of Directors of the Company and the Requisite Holders to be satisfactory in form and substance, the obligation to deliver to the holder of the Warrants, at the last address of such holder appearing on the books of the Company, such shares of stock, as, in accordance with the foregoing provisions, such holder may be entitled to purchase, and the other obligations under these Warrants. The provisions of this Section 4(d) shall similarly apply to successive Corporate Reorganizations. If the Company, in spite of using its best efforts, is unable to cause these Warrants to continue in full force and effect until the Expiration Date in connection with any Corporate Reorganization, then the Company shall pay the Warrant Holders an amount per Warrant to purchase one share in the Company that is calculated in accordance with the Black-Scholes Option Pricing formula set forth in Appendix (B) hereto. Such payment shall be made in cash in the event that the Corporate Reorganization results in the Company or the shareholders of the Company receiving cash from the Acquirer at the closing of the transaction, and shall be made in shares of the Company (with the value of each share in the Company is determined according to  $S_{Corp}$  in Appendix (B) hereto) for all other Corporate Reorganizations. In the event that a Corporate Reorganization involves the payment of cash as well as other securities, such payment to the Warrant Holders shall be also be made in both cash and shares in the same proportion as the cash and non-cash portions of the considerations.

(e) Adjustment Rules.

(i) Any adjustments pursuant to this Section 4 shall be made successively whenever any event referred to herein shall occur, except that, notwithstanding any other provision of this Section 4, no adjustment shall be made to the number of Warrant Shares to be delivered to the Warrant Holder (or to the Exercise Price) if such adjustment represents less than 1% of the number of Warrant Shares previously required to be so delivered, but any lesser adjustment shall be carried forward and shall be made at the time and together with the next subsequent adjustment which together with any adjustments so carried forward shall amount to 1% or more of the number of Warrant Shares to be so delivered.

(ii) No adjustments shall be made pursuant to this Section 4 in respect of the issuance of Warrant Shares upon exercise of the Warrant;

(iii) If the Company shall take a record of the holders of its Shares for any purpose referred to in this Section 4, then (x) such record date shall be deemed to be the date of the issuance, sale, distribution or grant in question and (y) if the Company shall legally abandon such action prior to effecting such action, no adjustment shall be made pursuant to this Section 4 in respect of such action.

(iv) In computing adjustments under this Section 4, (A) fractional interests in Shares shall be taken into account to the nearest one-thousandth of a Share, and (B) calculations of the Exercise Price shall be carried to the nearest one-thousandth of one cent.

(f) Proceedings Prior to Any Action Requiring Adjustment. As a condition precedent to the taking of any action which would require an adjustment pursuant to this Section 4, the Company shall take any action which may be necessary, including obtaining regulatory approvals or exemptions, in order that the Company may thereafter validly and legally issue as fully paid and nonassessable all Shares which the Warrant Holder is entitled to receive upon exercise of the Warrant.

(g) Notice of Adjustment. Not less than 20 days prior to the record date or effective date, as the case may be, of any action which requires or might require an adjustment or readjustment pursuant to this Section 4, the Company shall give notice to the Warrant Holder of such event, describing such event in reasonable detail and specifying the record date or effective date, as the case may be, and, if determinable, the required adjustment and computation thereof. If the required adjustment is not determinable as the time of such notice, the Company shall give notice to the Warrant Holder of such adjustment and computation as soon as reasonably practicable after such adjustment becomes determinable. In connection with any such adjustment or readjustment, at its sole cost and expense, the Company will also cause independent certified public accountants of recognized national standing (which may be the regular auditors of the Company) selected by the Company to verify its computations and, in connection with the preparation of the Company's quarterly financial statements prepare a report setting forth such adjustment or readjustment and showing in reasonable detail the method of calculation thereof and the facts upon which such adjustment or readjustment is based, including a statement of (i) the consideration received or to be received by the Company for any Share Distribution issued or sold or deemed to have been issued, (ii) the number of Shares outstanding or deemed to be outstanding, and (iii) the Exercise Price in effect immediately prior to such issue or sale and as adjusted and readjusted (if required by this Section 4) on account thereof. The Company will forthwith mail a copy of each such report to the Warrant Holder and will, upon the written request at any time of the Warrant Holder, furnish to such holder a like report setting forth the Exercise Price at the time in effect and showing in reasonable detail how it was calculated. The Company will also keep copies of all such reports at its office and will cause the same to be available for inspection at such office during normal business hours by the Warrant Holder or any prospective purchaser of this Warrant designated by the Warrant Holder.

(h) Subsequent Warrants. Irrespective of any adjustments in the Exercise Price or the number of Warrant Shares issuable upon exercise of this Warrant, any successor or replacement warrants issued theretofore or thereafter may continue to express the same Exercise Price per Share and number and kind of Warrant Shares as are stated in this Warrant.

(i) Disputes. Any dispute which arises between the Warrant Holder and the Company with respect to the calculation of the adjusted Exercise Price or Warrant Shares issuable upon exercise shall be determined by the independent auditors of the Company, and such determination shall be binding upon the Company and the holders of the Warrants and the Warrant Shares if made in good faith and without manifest error.

(j) Other Actions Affecting Shares.

(i) Equitable Equivalent. In case any event shall occur as to which the provisions of this Section 4 set forth above hereof are not strictly applicable but the failure to make any adjustment would not, in the opinion of the Warrant Holder, fairly protect the purchase rights represented by this Warrant in accordance with the essential intent and principles of this Section 4, then, in each such case, at the request of the Warrant Holder, the Company shall appoint, at the Company's expense, a firm of independent investment bankers of recognized national standing (which shall be completely independent of the Company and shall be satisfactory to the holder or the Requisite Holders), which shall give their opinion upon the adjustment, if any, on a basis consistent with the essential intent and principles established in this Section 4, necessary to preserve, in a manner so as to reduce dilution, the purchase rights represented by this Warrant. Upon receipt of such opinion, the Company will promptly mail a copy thereof to the holder of this Warrant and shall make the adjustments described therein.

(ii) No Avoidance. The Company shall not, by amendment of its certificate of incorporation or by-laws or through any consolidation, merger, reorganization, transfer of assets, dissolution, issue or sale of securities or any other voluntary action, avoid or seek to avoid the observance or performance of any of the terms of this Warrant, but will at all times in good faith assist in the carrying out of all such terms and in the taking of all such action as may be necessary or appropriate in order to protect the rights of the holder of this Warrant against unlimited dilution or other impairment as if the holder was a shareholder of the Company entitled to the benefit of fiduciary duties afforded to shareholders under Delaware law.

(k) Calculation of Consideration Received. The consideration for the issue or sale of any Share Distribution shall, irrespective of the accounting treatment of such consideration:

(i) insofar as it consists of cash, be computed at the amount of cash actually received by the Company without reduction for any expenses paid or incurred by the Company or any commissions or compensations paid or concessions or discounts allowed to underwriters, dealers or others performing similar services in connection with such issue or sale;

(ii) insofar as it consists of property (including securities) other than cash actually received by the Company, be computed at the Appraised Value thereof at the time of such issue or sale; and

(iii) insofar as it consists neither of cash nor of other property, be computed as having no value.

(l) Adjustment of Par Value. If for any reason (including the operation of the adjustment provisions set forth in this Warrant), the Exercise Price on any date of exercise of this Warrant shall not be lawful and adequate consideration for the issuance of the relevant Warrant Shares, then the Company shall take such steps as are necessary (including the amendment of its certificate of incorporation so as to reduce the par value of the Shares) to cause such Exercise Price to be adequate and lawful consideration on the date the payment thereof is due, but if the Company shall fail to take such steps, then the Company acknowledges that the Warrant Holder shall have been damaged by the Company in an amount equal to an amount, which, when added to the total Exercise Price for the relevant Warrant Shares, would equal lawful and adequate consideration for the issuance of such Warrant Shares, and the Company irrevocably agrees that if the Warrant Holder shall then forgive the right to recover such damages from the Company, such forgiveness shall constitute, and Company shall accept such forgiveness as, additional lawful consideration for the issuance of the relevant Warrant Shares.

(m) Appraisal.

(i) If the Requisite Holders shall, for any reason whatsoever, disagree with the Company's determination of the Appraised Value of a Share, then such holders shall by notice to the Company (an "**Appraisal Notice**") given within sixty (60) days after the Company notifies the holders of such determination, elect to dispute such determination, and such dispute shall be resolved as set forth in clause (ii) of this Section.

(ii) The Company shall within ten (10) days after an Appraisal Notice shall have been given, engage an independent investment bank of national repute (the "**Appraiser**") selected by the Requisite Holders and retained pursuant to an engagement letter between the Company and the Appraiser with respect to such valuation in form and substance reasonably acceptable to Requisite Holders, to make an independent determination of the Appraised Value of a Share; such value shall be determined without deduction for (a) liquidity considerations, (b) minority shareholder status, or (c) any liquidation or other preference or any right of redemption in favor of any other equity securities of the Company. The costs of engagement of such investment bank for any such determination of Appraised Value shall be paid by the Company.

Section 5. [Reserved].

Section 6. Transfer of Warrant. The Warrant Holder upon transfer of the Warrant must deliver to the Company a duly executed Warrant Assignment in the form of Exhibit B and upon surrender of this Warrant to the Company, the Company shall execute and deliver a new Warrant with appropriate changes to reflect such Assignment, in the name or names of the assignee or assignees specified in the Warrant Assignment or other instrument of assignment and, if the Warrant Holder's entire interest is not being transferred or assigned, in the name of the Warrant Holder, and upon the Company's execution and delivery of such new Warrant, this Warrant shall promptly be cancelled; and provided that any assignee shall have all of the rights of an Initial Holder hereunder. The Warrant Holder shall pay any transfer tax imposed in connection with such assignment (if any). Any transfer or exchange of this Warrant shall be without charge to the Warrant Holder (except as provided above with respect to transfer taxes, if any) and any new Warrant issued shall be dated the date hereof.

Section 7. Assistance in Disposition of Warrant or Warrant Shares. Notwithstanding any other provision herein, in the event that it becomes unlawful for the Warrant Holder to continue to hold the Warrant, in whole or in part, or some or all of the Shares held by it, or restrictions are imposed on any the Warrant Holder by any statute, regulation or governmental authority which, in the judgment of the Warrant Holder, make it unduly burdensome to continue to hold the Warrant or such Shares, the Warrant Holder may sell or otherwise dispose of the Warrant (subject to the restrictions on transfer provided in Section 6) or its Shares, and the Company agrees to provide reasonable assistance to the Warrant Holder in disposing of the Warrant and such Shares in a prompt and orderly manner and, at the request of the Warrant Holder, to provide (and authorize the Warrant Holder to provide) financial and other information concerning the Company to any prospective purchaser of the Warrant or Shares owned by the Warrant Holder.

Section 8. Identity of Transfer Agent. The Transfer Agent for the Common Stock is Corporate Stock Transfer, Inc. with a mailing address of 3200 Cherry Creek Drive South #430, Denver, CO 80209. Upon the appointment of any subsequent transfer agent for the Shares, the Company will mail to the Warrant Holder a statement setting forth the name and address of such transfer agent.



Section 9. Covenants. The Company agrees that:

(a) [Reserved].

(b) [Reserved].

(c) [Reserved].

(d) Securities Filings; Rules 144 & 144A. The Company will (i) timely file any reports required to be filed by it under the Securities Act, the Exchange Act or the rules and regulations adopted by the Commission thereunder, (ii) use its best efforts to cooperate with the Warrant Holder and each holder of Warrant Shares in supplying such information concerning the Company as may be necessary for the Warrant Holder or holder of Warrant Shares to complete and file any information reporting forms currently or hereafter required by the Commission as a condition to the availability of an exemption from the Securities Act for the sale of any Warrants or Warrant Shares, and (iii) take such further action as the Warrant Holder may reasonably request to the extent required from time to time to enable the Warrant Holder to sell Warrant Shares without restriction and without registration under the Securities Act within the limitation of the exemptions provided by Rule 144 or 144A under the Securities Act, as such Rules may be amended from time to time, or any similar rule or regulation hereafter adopted by the Commission; provided that this subsection (d) shall not require the Company to make any filing under the Securities Act or Exchange Act which the Company is not otherwise obligated to make; and provided, further, that this subsection (d) shall not require the Company to make any cash payment to the Warrant Holder.

(e) Obtaining of Governmental Approvals and Stock Exchange Listings. The Company will, at its own expense, (i) obtain and keep effective any and all permits, consents and approvals of governmental agencies and authorities which may from time to time be required of the Company in order to satisfy its obligations hereunder, and (ii) take all action which may be necessary so that the Warrant Shares, immediately upon their issuance upon the exercise of the Warrants, will be listed on each securities exchange, if any, on which the Shares are then listed.

(f) [Reserved].

(g) Structural Dilution. So long as this Warrant remains outstanding, the Company shall not permit any of its Subsidiaries to issue, sell, distribute or otherwise grant in any manner (including by assumption) any rights to subscribe for or to purchase, or any warrants or options for the purchase of any equity securities of such Subsidiary or any securities convertible into or exchangeable for such equity securities (or any rights to subscribe for or to purchase, or any warrants or options for the purchase of any such convertible or exchangeable securities), whether or not immediately exercisable or exercisable prior to the Expiration Date or thereafter.

(h) Notices Of Corporate Action. In the event of:

(i) any taking by the Company of a record of the holders of any class of securities for the purpose of determining the holders thereof who are entitled to receive any distribution, or any right to subscribe for, purchase or otherwise acquire any Shares or any other securities or property, or to receive any other right, or

(i) any capital reorganization of the Company, any reclassification or recapitalization of the capital stock of the Company, any consolidation or merger involving the Company and any other Person or any transfer of all or substantially all the assets of the Company to any other Person, or any Corporate Reorganization, or

(ii) any voluntary or involuntary dissolution, liquidation or winding-up of the Company, or

(iii) any issuance of any Shares, Convertible Security or Option by the Company, the Company will mail to the Warrant Holder a notice specifying (i) the date or expected date on which any such record is to be taken for the purpose of such dividend, distribution or right, and the amount and character of such dividend, distribution or right, (ii) the date or expected date on which any such reorganization, reclassification, recapitalization, consolidation, merger, transfer, dissolution, liquidation or winding-up is to take place, (iii) the time, if any such time is to be fixed, as of which the holders of record of Shares (or other securities under Section 4(d)) shall be entitled to exchange their Shares (or other securities under Section 4(d)) for the securities or other property deliverable upon such reorganization, reclassification, recapitalization, consolidation, merger, transfer, dissolution, liquidation or winding-up and a description in reasonable detail of the transaction and (iv) the date of such issuance, together with a description of the security so issued and the consideration received by the Company therefor. Such notice shall be mailed at least twenty (20) days prior to the date therein specified.

Section 10. Lost, Mutilated or Missing Warrants. Upon receipt by the Company of evidence reasonably satisfactory to it of the loss, theft, destruction or mutilation of any Warrant, and, in the case of loss, theft or destruction, upon receipt of indemnification satisfactory to the Company (in the case of an Initial Holder its unsecured, unbonded agreement of indemnity or affidavit of loss shall be sufficient) or, in the case of mutilation, upon surrender and cancellation of the mutilated Warrant, the Company shall execute and deliver a new Warrant of like tenor and representing the right to purchase the same aggregate number of Warrant Shares.

Section 11. Waivers; Amendments. Any provision of this Warrant may be amended or waived with (but only with) the written consent of the Company and the Requisite Holders; provided that no such amendment or waiver shall, without the written consent of the Company and the Warrant Holder, (a) change the number of Warrant Shares issuable upon exercise of the Warrant or the Exercise Price, (b) shorten the Expiration Date, or (c) amend, modify or waive the provisions of this Section or the definition of "Requisite Holders." Any amendment or waiver effected in compliance with this Section shall be binding upon the Company and the Warrant Holder. The Company shall give prompt notice to the Warrant Holder of any amendment or waiver effected in compliance with this Section. No failure or delay of the Company or the Warrant Holder in exercising any power or right hereunder shall operate as a waiver thereof, nor shall any single or partial exercise of any such right or power, or any abandonment or discontinuance of steps to enforce such a right or power, preclude any other or further exercise thereon or the exercise of any other right or power. No notice or demand on the Company in any case shall entitle the Company to any other or future notice or demand in similar or other circumstances. The rights and remedies of the Company and the Warrant Holder hereunder are cumulative and not exclusive of any rights or remedies which it would otherwise have.

Section 12. Miscellaneous.

(a) Shareholder Rights. The Warrant shall not entitle any Warrant Holder, prior to the exercise of the Warrant, to any voting or other rights as a shareholder of the Company.

(b) Expenses. The Company shall pay all reasonable expenses of the Warrant Holder, including reasonable fees and disbursements of counsel, in connection with the preparation of the Warrant, any waiver or consent hereunder or any amendment or modification hereof (regardless of whether the same becomes effective), or the enforcement of the provisions hereof; provided that the Company shall not be required to pay any expenses of the Warrant Holder arising solely in connection with a transfer of the Warrant.

(c) Successors and Assigns. All the provisions of this Warrant by or for the benefit of the Company or the Warrant Holder shall bind and inure to the benefit of their respective successors and assigns.

(d) Severability. In case any one or more of the provisions contained in this Warrant shall be invalid, illegal or unenforceable in any respect, the validity, legality and enforceability of the remaining provisions contained herein shall not in any way be affected or impaired thereby. The parties shall endeavor in good faith negotiations to replace the invalid, illegal or unenforceable provisions with valid provisions the economic effect of which comes as close as possible to that of the invalid, illegal or unenforceable provisions.

(e) Notices. Any notice or other communication hereunder shall be in writing and shall be sufficient if sent by first-class mail or courier, postage prepaid, and addressed as follows: (a) if to the Company, addressed to the Company at its address for notices as set forth below its signature hereon or any other address as the Company may hereafter notify to the Warrant Holder and (b) if to the Warrant Holder, addressed to such address as the Warrant Holder may hereafter from time to time notify to the Company for the purposes of notice hereunder.

(f) Equitable Remedies. Without limiting the rights of the Company and the Warrant Holder to pursue all other legal and equitable rights available to such party for the other parties' failure to perform its obligations hereunder, the Company and the Warrant Holder each hereto acknowledge and agree that the remedy at law for any failure to perform any obligations hereunder would be inadequate and that each shall be entitled to specific performance, injunctive relief or other equitable remedies in the event of any such failure.

(g) Continued Effect. Rights and benefits conferred on the holders of Warrant Shares pursuant to the provisions hereof (including Section 6) shall continue to inure to the benefit of, and shall be enforceable by, such holders, notwithstanding the surrender of the Warrant to, and its cancellation by, the Company upon the full or partial exercise or repurchase hereof.

(h) Governing Law. THIS WARRANT SHALL BE CONSTRUED AND ENFORCED IN ACCORDANCE WITH THE INTERNAL LAWS OF THE STATE OF NEW YORK, EXCEPT AS OTHERWISE REQUIRED BY MANDATORY PROVISIONS OF LAW.

(i) Section Headings. The section headings used herein are for convenience of reference only and shall not be construed in any way to affect the interpretation of any provisions of the Warrant.

[Signature Page Follows]

IN WITNESS WHEREOF, the Company has caused this Warrant to be duly executed by its authorized signatory as of the day and year first above written.

XTANT MEDICAL HOLDINGS, INC.

By  /s/ Carl D. O'Connell

Name: Carl D. O'Connell

Title: Chief Executive Officer

Address for Notices:

Xtant Medical Holdings, Inc.

664 Cruiser Lane

Belgrade, Montana 59714

Attention: Carl O'Connell

Exhibit A to Warrant

Form of Notice of Exercise

\_\_\_\_\_, 20\_\_

To: Xtant Medical Holdings, Inc.

Reference is made to the Warrant dated \_\_\_\_\_. Terms defined therein are used herein as therein defined.

The undersigned, pursuant to the provisions set forth in the Warrant, hereby irrevocably elects and agrees to purchase \_\_\_\_\_ Shares, and makes payment herewith in full therefor at the Exercise Price of \$\_\_\_\_\_ in the following form:  
\_\_\_\_\_.

[If the number of Shares as to which the Warrant is being exercised is less than all of the Shares purchasable thereunder, the undersigned hereby requests that a new Warrant representing the remaining balance of the Shares be registered in the name of \_\_\_\_\_, whose address is: \_\_\_\_\_.]

The undersigned hereby represents that it is exercising the Warrant for its own account or the account of an Affiliate for investment purposes and not with the view to any sale or distribution and that the Warrant Holder will not offer, sell or otherwise dispose of the Warrant or any underlying Warrant Shares in violation of applicable securities laws.

[NAME OF WARRANT HOLDER]

By \_\_\_\_\_

Name:

Title:

[ADDRESS OF WARRANT HOLDER]

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Exhibit B to Warrant

Form of Warrant Assignment

Reference is made to the Warrant dated \_\_\_\_\_, issued by [\_\_\_\_\_]. Terms defined therein are used herein as therein defined.

FOR VALUE RECEIVED \_\_\_\_\_ (the "Assignor") hereby sells, assigns and transfers all of the rights of the Assignor as set forth in such Warrant, with respect to the number of Warrant Shares covered thereby as set forth below, to the Assignee(s) as set forth below:

Number of Warrant Shares

<u>Name(s) of Assignee(s)</u>	<u>Address(es)</u>	<u>Number of Warrant Shares</u>
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All notices to be given by the Company to the Assignor as Warrant Holder shall be sent to the Assignee(s) at the above listed address(es), and, if the number of Shares being hereby assigned is less than all of the Shares covered by the Warrant held by the Assignor, then also to the Assignor.

In accordance with Section 6 of the Warrant, the Assignor requests that the Company execute and deliver a new Warrant or Warrants in the name or names of the assignee or assignees, as is appropriate, or, if the number of Shares being hereby assigned is less than all of the Shares covered by the Warrant held by the Assignor, new Warrants in the name or names of the assignee or the assignees, as is appropriate, and in the name of the Assignor.

The undersigned represents that the Assignee has represented to the Assignor that the Assignee is acquiring the Warrant for its own account or the account of an Affiliate for investment purposes and not with the view to any sale or distribution, and that the Assignee will not offer, sell or otherwise dispose of the Warrant or the Warrant Shares except under circumstances as will not result in a violation of applicable securities laws.

Dated: \_\_\_\_\_, 20\_\_

[NAME OF ASSIGNOR]

By \_\_\_\_\_  
Name:  
Title:

[ADDRESS OF ASSIGNOR]

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## APPENDIX A

**Black Scholes Option Pricing formula to be used when calculating the value of each new warrant to purchase one share in the Acquirer shall be:**

$$C_{Acq} = S_{Acq}e^{-\lambda(T_{Acq}-t_{Acq})}N(d_1) - K_{Acq}e^{-r(T_{Acq}-t_{Acq})}N(d_2), \text{ where}$$

$C_{Acq}$  = value of each warrant to purchase one share in the Acquirer

$S_{Acq}$  = price of Acquirer's stock as determined by reference to the average of the closing prices on the securities exchange or Nasdaq Global Market over the 20-day period ending three trading days prior to the closing of the Corporate Reorganization described in Section 4(d) if the Acquirer's stock is then traded on such exchange or system, or the average of the closing bid or sale prices (whichever is applicable) in the over-the-counter market over the 20-day period ending three trading days prior to the closing of the Corporate Reorganization if the Acquirer's stock is then actively traded in the over-the-counter market, or the then most recently completed financing if the Acquirer's stock is not then traded on a securities exchange or system or in the over-the-counter market.

$T_{Acq}$  = expiration date of new warrants to purchase shares in the Acquirer =  $T_{Corp}$

$t_{Acq}$  = date of issue of new warrants to purchase shares in the Acquirer

$T_{Acq}-t_{Acq}$  = time until warrant expiration, expressed in years

$\sigma$  = volatility = annualized standard deviation of daily log-returns (using a 262-day annualization factor) of the Acquirer's stock price on the securities exchange or Nasdaq Global Market over a 20-day trading period, determined by the Warrant Holders, that is within the 100-day trading period ending on the trading day immediately after the public announcement of the Corporate Reorganization described in Section 4(d) if the Acquirer's stock is then traded on such exchange or system, or the annualized standard deviation of daily-log returns (using a 262-day annualization factor) of the closing bid or sale prices (whichever is applicable) in the over-the-counter market over a 20-day trading period, determined by the Warrant Holder, that is within the 100-day trading period ending on the trading day immediately after the public announcement of the Corporate Reorganization if the Acquirer's stock is then actively traded in the over-the-counter market, or 0.6 (or 60%) if the Acquirer's stock is not then traded on a securities exchange or system or in the over-the-counter market.

$N$  = cumulative normal distribution function

$$d_1 = (\ln(S_{Acq}/K_{Acq}) + (r-\lambda+\sigma^2/2)(T_{Acq}-t_{Acq})) \div (\sigma\sqrt{T_{Acq}-t_{Acq}})$$

$\ln$  = natural logarithm

$\lambda$  = dividend rate of the Acquirer for the most recent 12-month period at the time of closing of the Corporate Reorganization.

$$K_{Acq} = \text{strike price of new warrants to purchase shares in the Acquirer} = K_{Corp} * (S_{Acq} / S_{Corp})$$

$r$  = annual yield, as reported by Bloomberg at time  $t_{Acq}$ , of the United States Treasury security measuring the nearest time  $T_{Acq}$

$$d_2 = d_1 - \sigma\sqrt{T_{Acq}-t_{Acq}}$$

## APPENDIX B

**Black Scholes Option Pricing formula to be used when calculating the value of each Warrant to purchase one share in the Company shall be:**

$$C_{\text{Corp}} = S_{\text{Corp}} e^{-\lambda(T_{\text{Corp}}-t_{\text{Corp}})} N(d_1) - K_{\text{Corp}} e^{-r(T_{\text{Corp}}-t_{\text{Corp}})} N(d_2), \text{ where}$$

$C_{\text{Corp}}$  = value of each Warrant to purchase one share in the Company

$S_{\text{Corp}}$  = price of Company stock as determined by reference to the average of the closing prices on the securities exchange or Nasdaq Global Market over the 20-day period ending three trading days prior to the closing of the Corporate Reorganization described in Section 4(d) if the Company's stock is then traded on such exchange or system, or the average of the closing bid or sale prices (whichever is applicable) in the over-the-counter market over the 20-day period ending three trading days prior to the closing of the Corporate Reorganization if the Company's stock is then actively traded in the over-the-counter market, or the then most recently completed financing if the Company's stock is not then traded on a securities exchange or system or in the over-the-counter market.

$T_{\text{Corp}}$  = expiration date of Warrants to purchase shares in the Company

$t_{\text{Corp}}$  = date of public announcement of transaction

$T_{\text{Corp}}-t_{\text{Corp}}$  = time until Warrant expiration, expressed in years

$\sigma$  = volatility = the annualized standard deviation of daily log-returns (using a 262-day annualization factor) of the Company's stock price on the securities exchange or Nasdaq Global Market over a 20-day trading period, determined by the Warrant Holders, that is within the 100-day trading period ending on the trading day immediately after the public announcement of the Corporate Reorganization described in Section 4(d) if the Company's stock is then traded on such exchange or system, or the annualized standard deviation of daily-log returns (using a 262-day annualization factor) of the closing bid or sale prices (whichever is applicable) in the over-the-counter market over a 20-day trading period, determined by the Warrant Holder, that is within the 100-day trading period ending on the trading day immediately after the public announcement of the Corporate Reorganization if the Company's stock is then actively traded in the over-the-counter market, or 0.6 (or 60%) if the Company's stock is not then traded on a securities exchange or system or in the over-the-counter market.

$N$  = cumulative normal distribution function

$$d_1 = (\ln(S_{\text{Corp}}/K_{\text{Corp}}) + (r-\lambda+\sigma^2/2)(T_{\text{Corp}}-t_{\text{Corp}})) \div (\sigma\sqrt{(T_{\text{Corp}}-t_{\text{Corp}})})$$

$\ln$  = natural logarithm

$\lambda$  = dividend rate of the Company for the most recent 12-month period at the time of closing of the Corporate Reorganization.

$K_{\text{Corp}}$  = strike price of warrant

$r$  = annual yield, as reported by Bloomberg at time  $t_{\text{Corp}}$ , of the United States Treasury security measuring the nearest time  $T_{\text{Corp}}$

$$d_2 = d_1 - \sigma\sqrt{(T_{\text{Corp}}-t_{\text{Corp}})}$$





THIS WARRANT AND THE SECURITIES PURCHASABLE HEREUNDER HAVE NOT BEEN REGISTERED UNDER THE SECURITIES ACT OF 1933 AND MAY NOT BE SOLD, OFFERED FOR SALE, PLEDGED OR HYPOTHECATED IN THE ABSENCE OF AN EFFECTIVE REGISTRATION STATEMENT FILED UNDER SAID ACT AND ANY APPLICABLE STATE SECURITIES LAWS, UNLESS AN EXEMPTION FROM SUCH REGISTRATION IS AVAILABLE.

XTANT MEDICAL HOLDINGS, INC.

WARRANT

dated as of September 17, 2018

THIS CERTIFIES THAT, for value received, ORBIMED ROYALTY OPPORTUNITIES II, LP or its successors or permitted assigns (such Person and such successors and assigns each being the "Warrant Holder" with respect to the Warrant held by it), at any time and from time to time on any Business Day on or prior to 5:00 p.m. (New York City time), on the Expiration Date (as herein defined), is entitled (a) to subscribe for the purchase from Xtant Medical Holdings, Inc., a Delaware corporation (the "Company"), 434,008 Shares at a price per Share equal to the Exercise Price (as herein defined), and (b) to the other rights set forth herein; provided that the number of Shares issuable upon any exercise of this Warrant and the Exercise Price shall be adjusted and readjusted from time to time in accordance with Section 4. By accepting delivery hereof, the Warrant Holder agrees to be bound by the provisions hereof.

IN FURTHERANCE THEREOF, the Company irrevocably undertakes and agrees for the benefit of Warrant Holder as follows:

Section 1. Definitions and Construction.

(a) Certain Definitions. As used herein (the following definitions being applicable in both singular and plural forms):

"**Affiliate**" means, with respect to any Person, any other Person that directly or indirectly controls, is controlled by, or is under common control with such Person.

"**Appraised Value**" means at any time the fair market value thereof determined in good faith by the Board of Directors of the Company as of a date which is within ten (10) days of the date as of which the determination is to be made, subject to the rights of the Requisite Holders pursuant to Section 4(m).

"**Business Day**" means any day except a Saturday, Sunday or other day on which commercial banks in New York City are authorized by law to close.

“**Closing Price**” means, for any trading day with respect to a Share, (a) the last reported sale price on such day on the principal national securities exchange on which the Shares are listed or admitted to trading or, if no such reported sale takes place on any such day, the average of the closing bid and asked prices thereon, as reported in The Wall Street Journal, or (b) if such Shares shall not be listed or admitted to trading on a national securities exchange, the last reported sales price on the NASDAQ National Market System or, if no such reported sale takes place on any such day, the average of the closing bid and asked prices thereon, as reported in The Wall Street Journal, or (c) if such Shares shall not be quoted on such National Market System nor listed or admitted to trading on a national securities exchange, then the average of the closing bid and asked prices, as reported by The Wall Street Journal for the over-the-counter market; provided that if clause (a), (b), or (c) applies and no price is reported in The Wall Street Journal for any trading day, then the price reported in The Wall Street Journal for the most recent prior trading day shall be deemed to be the price reported for such trading day.

“**Commission**” means the Securities and Exchange Commission or any other Federal agency administering the Securities Act at the time.

“**Exchange Act**” means the Securities Exchange Act of 1934, or any successor Federal statute, and the rules and regulations of the Commission thereunder, all as the same shall be in effect at the time.

“**Exercise Amount**” means for any number of Warrant Shares as to which this Warrant is being exercised the product of (i) such number of Warrant Shares times (ii) the Exercise Price.

“**Exercise Price**” means \$0.01 per Warrant Share, as adjusted from time to time pursuant to Section 4.

“**Expiration Date**” means August 1, 2028.

“**Initial Holder**” means OrbiMed Royalty Opportunities II, LP.

“**Market Price**” on any day means (a) the unweighted average of the daily Closing Prices per Share for the 20 consecutive trading days prior to such date or (b) if clauses (a), (b) and (c) of the definition of “Closing Price” are inapplicable, then the Appraised Value as of such day shall apply; provided that for purposes of the application of Section 4(b) to a Share Distribution pursuant to a public offering registered under the Securities Act, “Market Price” means the Closing Price per Share for the trading day preceding the effective date of the registration statement with respect to such public offering (or in the case of an initial public offering, the price per Share in such offering).

“**Person**” means an individual, a corporation, a partnership, an association, a trust or any other entity or organization, including a government or political subdivision or an agency or instrumentality thereof.

“**Requisite Holders**” means at any time holders of Warrant Shares and Warrants representing at least a majority of all of the Warrant Shares either outstanding or issuable upon the exercise of all the outstanding Warrants.

“**Securities Act**” means the Securities Act of 1933, or any successor Federal statute, and the rules and regulations of the Commission thereunder, all as the same shall be in effect at the time.

“**Shares**” means the Company’s currently authorized common stock, \$0.000001 par value, and stock of any other class or other consideration into which such currently authorized capital stock may hereafter have been changed.

**“Warrant”** means, as the context requires, this warrant and any successor warrant thereto or warrants issued upon a whole or partial transfer or assignment of any such Share purchase warrant or of any such successor warrant thereto.

**“Warrant Shares”** means the number of Shares issued or issuable upon exercise of this Warrant as set forth in the introduction hereto, as adjusted from time to time pursuant to Section 4.

(b) Accounting Terms and Determinations. Unless otherwise specified herein, all accounting terms used herein shall be interpreted, all accounting determinations hereunder shall be made, and all financial statements required to be delivered hereunder shall be prepared, in accordance with generally accepted accounting principles. When used herein, the term “financial statements” shall include the notes and schedules thereto. References to fiscal periods are to fiscal periods of the Company.

(c) Computation of Time Periods. With respect to the computation of periods of time from a specified date to a later specified date, the word “from” means “from and including” and the words “to” and “until” each mean “to but excluding.” Periods of days shall be counted in calendar days unless otherwise stated.

(d) Construction. Unless the context requires otherwise, references to the plural include the singular and to the singular include the plural, references to any gender include any other gender, the part includes the whole, the term “including” is not limiting, and the term “or” has, except where otherwise indicated, the inclusive meaning represented by the phrase “and/or.” The words “hereof,” “herein,” “hereby,” “hereunder,” and similar terms in this Warrant refer to this Warrant as a whole and not to any particular provision of this Warrant. Section, subsection, clause, exhibit and schedule references are to this Warrant, unless otherwise specified. Any reference to this Warrant includes any and all permitted alterations, amendments, changes, extensions, modifications, renewals, or supplements thereto or thereof, as applicable.

(e) Exhibits and Schedules. All of the exhibits and schedules attached hereto shall be deemed incorporated herein by reference.

(f) No Presumption Against Any Party. Neither this Warrant nor any uncertainty or ambiguity herein or therein shall be construed or resolved using any presumption against any party hereto or thereto, whether under any rule of construction or otherwise. On the contrary, this Warrant has been reviewed by each of the parties and their counsel and, in the case of any ambiguity or uncertainty, shall be construed and interpreted according to the ordinary meaning of the words used so as to fairly accomplish the purposes and intentions of all parties hereto.

Section 2. Exercise of Warrant.

(a) Exercise and Payment. The Warrant Holder may exercise this Warrant in whole or in part, at any time or from time to time on any Business Day beginning six months after the date on which this Warrant is issued on or prior to the Expiration Date, by delivering to the Company either the original Warrant or a lost warrant affidavit, a duly executed notice (a “**Notice of Exercise**”) in the form of Exhibit A and by payment to the Company of the Exercise Price per Warrant Share, at the election of the Warrant Holder, either (i) by wire transfer of immediately available funds to the account of the Company in an amount equal to the Exercise Amount, (ii) by receiving from the Company the number of Warrant Shares equal to (A) the number of Warrant Shares as to which this Warrant is being exercised minus (B) the number of Warrant Shares having a value, based on the Closing Price on the trading day immediately prior to the date of such exercise (or if there is no such Closing Price, then based on the Appraised Value as of such day), equal to the Exercise Amount, or (iii) any combination of the foregoing. The Company acknowledges that the provisions of clause (ii) are intended, in part, to ensure that a full or partial exchange of this Warrant pursuant to such clause (ii) will qualify as a conversion, within the meaning of paragraph (d)(3)(ii) of Rule 144 under the Securities Act. At the request of any Holder, the Company will accept reasonable modifications to the exchange procedures provided for in this Section in order to accomplish such intent. For all purposes of this Warrant (other than this Section 2(a)), any reference herein to the exercise of this Warrant shall be deemed to include a reference to the exchange of this Warrant into Shares in accordance with the terms of clause (ii).

(b) Effectiveness and Delivery. As soon as practicable but not later than five Business Days after the Company shall have received such Notice of Exercise, (provided requisite payment shall have been received prior to such date), the Company shall execute and deliver or cause to be executed and delivered, in accordance with such Notice of Exercise, a certificate or certificates representing the number of Shares specified in such Notice of Exercise, issued in the name of the Warrant Holder or in such other name or names of any Person or Persons designated in such Notice of Exercise. This Warrant shall be deemed to have been exercised and such Share certificate or certificates shall be deemed to have been issued, and the Warrant Holder or other Person or Persons designated in such Notice of Exercise shall be deemed for all purposes to have become a holder of record of Shares, all as of the date that such Notice of Exercise.

(c) Surrender of Warrant. The Warrant Holder shall surrender this Warrant to the Company when it delivers the Notice of Exercise, and in the event of a partial exercise of the Warrant, the Company shall execute and deliver to the Warrant Holder, at the time the Company delivers the Share certificate or certificates issued pursuant to such Notice of Exercise, a new Warrant for the unexercised portion of the Warrant, but in all other respects identical to this Warrant.

(d) Legend. Each certificate for Warrant Shares issued upon exercise of this Warrant, unless at the time of exercise such Warrant Shares are registered under the Securities Act, shall bear the following legend:

THIS SECURITY HAS NOT BEEN REGISTERED UNDER THE SECURITIES ACT OF 1933 AND MAY NOT BE SOLD, OFFERED FOR SALE, PLEDGED OR HYPOTHECATED IN THE ABSENCE OF AN EFFECTIVE REGISTRATION STATEMENT FILED UNDER SAID ACT AND ANY APPLICABLE STATE SECURITIES LAWS, UNLESS AN EXEMPTION FROM SUCH REGISTRATION IS AVAILABLE.

Any certificate for Warrant Shares issued at any time in exchange or substitution for any certificate bearing such legend (unless at that time such Warrant Shares are registered under the Securities Act) shall also bear such legend unless, in the written opinion of counsel selected by the holder of such certificate (who may be an employee of such holder), which counsel and opinion shall be reasonably acceptable to the Company, the Warrant Shares represented thereby need no longer be subject to restrictions on resale under the Securities Act. If the Warrant is exercised when there is an effective registration statement covering the underlying Warrant Shares, the certificate for the Warrant Shares shall not bear a legend.

(e) No Fractional Shares. No fractional Shares shall be issued by the Company in connection with any exercise of this Warrant. If any fractional Shares would, but for this restriction, be issuable upon an exercise of the Warrant, in lieu of delivering such fractional Shares, the number of Shares to be issued shall be rounded down to the next whole number and the Company shall pay to the Warrant Holder, in cash, an amount equal to the same fraction times the Closing Price on the trading day immediately prior to the date of such exercise (or if there is no such Closing Price, then based on the Appraised Value as of such day).

(f) Expenses and Taxes. Except for taxes payable with respect to any income or revenue realized or recognized by the Warrant Holder or any transferee thereof, the Company shall pay all expenses, taxes and owner charges payable in connection with the preparation, issuance and delivery of certificates for the Warrant Shares and any new Warrants, except that if the certificates for the Warrant Shares or the new Warrants are to be registered in a name or names other than the name of the Warrant Holder, funds sufficient to pay all transfer taxes payable as a result of such transfer shall be paid by the Warrant Holder at the time of its delivery of the Notice of Exercise or promptly upon receipt of a written request by the Company for payment.

### Section 3. Validity of Warrant and Issuance of Shares.

(a) The Company represents and warrants that this Warrant has been duly authorized, is validly issued, and constitutes the valid and binding obligation of the Company.

(b) The Company further represents and warrants that on the date hereof it has duly authorized and reserved, and the Company hereby agrees that it will at all times until the Expiration Date have duly authorized and reserved, such number of Shares as will be sufficient to permit the exercise in full of the Warrant, and that all such Shares are and will be duly authorized and, when issued upon exercise of the Warrant, will be validly issued, fully paid and non-assessable, and free and clear of all security interests, claims, liens, equities and other encumbrances.

Section 4. Antidilution Provisions. The Exercise Price in effect at any time, and the number of Warrant Shares that may be purchased upon any exercise of the Warrant, shall be subject to change or adjustment as follows:

(a) Share Reorganization. If the Company shall subdivide its outstanding Shares into a greater number of Shares, by way of a stock split, stock dividend or otherwise, or consolidate its outstanding Shares into a smaller number of Shares (any such event being herein called a “**Share Reorganization**”), then (i) the Exercise Price shall be adjusted, effective immediately after the effective date of such Share Reorganization, to a price determined by multiplying the Exercise Price in effect immediately prior to such effective date by a fraction, the numerator of which shall be the number of Shares outstanding on such effective date before giving effect to such Share Reorganization and the denominator of which shall be the number of Shares outstanding after giving effect to such Share Reorganization, and (ii) the number of Shares subject to purchase upon exercise of this Warrant shall be adjusted, effective at such time, to a number determined by multiplying the number of Shares subject to purchase immediately before such Share Reorganization by a fraction, the numerator of which shall be the number of Shares outstanding after giving effect to such Share Reorganization and the denominator of which shall be the number of Shares outstanding immediately before giving effect to such Share Reorganization.

(b) Share Distribution. [Reserved]

(c) Special Distributions; Above Market Purchases of Securities.

(i) If the Company shall issue or distribute to any holder or holders of Shares evidences of indebtedness, any other securities of the Company or any cash, property or other assets (excluding (i) a Share Reorganization and (ii) a Share Distribution), whether or not accompanied by a purchase, redemption or other acquisition of Shares (any such nonexcluded event being herein called a “**Special Distribution**”), then the Warrant Holder shall be entitled to a pro-rata Share of such Special Distribution as though the Warrant Holder had fully exercised this Warrant immediately prior to the record date for such Special Distribution, and the Company shall pay or distribute such pro-rata share to Warrant Holder when paid or distributed to the holders of the Shares. A reclassification of the Shares (other than a change in par value, or from par value to no par value or from no par value to par value) into shares of any other class of stock shall be deemed to be a distribution by the Company to the holders of its Shares of such class of stock and, if the outstanding Shares shall be changed into a larger or smaller number of Shares as part of such reclassification, a Share Reorganization.

(ii) If, at any time after the date hereof, the Company or any Subsidiary shall repurchase (a “**Repurchase**”), by self-tender offer or otherwise, any securities of the Company at an aggregate repurchase price that exceeds the aggregate Market Price for the securities repurchased determined as of the Business Day immediately prior to the earliest of (i) the date of such Repurchase, (ii) the commencement of an offer to repurchase or (iii) the public announcement of either (such date being referred to as the “**Determination Date**”), then the Exercise Price and the number of Warrant Shares issuable upon exercise of this Warrant shall be adjusted as follows:

The Exercise Price shall be reduced to an amount equal to the product of (A) the Exercise Price in effect immediately prior to such issuance or sale times (B) a fraction, (I) the numerator of which shall be (x) the product of (1) the Market Price for the Shares as of the Determination Date times (2) the number of Shares outstanding immediately following the consummation of the Repurchase less (y) the Repurchase Premium (as defined below), and (II) the denominator of which shall be (x) the product of (1) the Market Price for the Shares as of the Determination Date times (2) the number of Shares outstanding immediately following the consummation of the Repurchase.

The number of Warrant Shares issuable upon exercise of this Warrant shall be increased to the number of Shares determined by multiplying (x) the number of Warrant Shares issuable upon exercise of this Warrant immediately prior to such distribution times (y) a fraction (1) the numerator of which shall be the Exercise Price in effect immediately prior to the adjustment in clause (A) of this Section 4(c)(ii) and (2) the denominator of which shall be the Exercise Price in effect immediately after such adjustment.

The amount by which the aggregate repurchase price for all securities repurchased in any Repurchase (including for such purposes any fees or other direct or indirect consideration payable in connection therewith) exceeds the aggregate Market Price for such securities is referred to as the “Repurchase Premium.”

(d) Capital Reorganization. Without limiting any of the other provisions hereof, if any (i) capital reorganization; (ii) reclassification of the capital stock of the Company; (iii) merger, consolidation or reorganization or other similar transaction or series of related transactions which results in the voting securities of the Company outstanding immediately prior thereto representing immediately thereafter (either by remaining outstanding or by being converted into voting securities of the surviving or acquiring entity) less than 50% of the combined voting power of the voting securities of or economic interests in the Company or such surviving or acquiring entity outstanding immediately after such merger, consolidation or reorganization; (iv) sale, lease, license, transfer, conveyance or other disposition of all or substantially all of the assets of the Company; (v) sale of shares of capital stock of the Company, in a single transaction or series of related transactions, representing at least 50% of the voting power of the voting securities of or economic interests in the Company; or (vi) the acquisition by any “person” (together with his, her or its Affiliates) or “group” (within the meaning of Section 13(d) or 14(d) of the Exchange Act) acquires, directly or indirectly, the beneficial ownership (as such term is defined in Rule 13d-3 promulgated under the Exchange Act) of outstanding shares of capital stock and/or other equity securities of the Company, in a single transaction or series of related transactions (including, without limitation, one or more tender offers or exchange offers), representing at least 50% of the voting power of or economic interests in the then outstanding shares of capital stock of the corporation (each of (i)-(vi) above a “Corporate Reorganization”) shall be effected, then the Company shall use its best efforts to ensure that lawful and adequate provision shall be made whereby each Warrant Holder shall thereafter continue to have the right to purchase and receive upon the basis and upon the terms and conditions herein specified and in lieu of the Warrant Shares issuable upon exercise of the Warrants held by such Warrant Holder, shares of stock in the surviving or acquiring entity (“Acquirer”), as the case may be, such that the aggregate value of the Warrant Holder’s warrants to purchase such number of shares, where the value of each new warrant to purchase one share in the Acquirer is determined in accordance with the Black-Scholes Option Pricing formula set forth in Appendix (A) hereto, is equivalent to the aggregate value of the Warrants held by such Warrant Holder, where the value of each Warrant to purchase one share in the Company is determined in accordance with the Black-Scholes Option Pricing formula set forth Appendix (B) hereto. Furthermore, the new warrants to purchase shares in the Acquirer referred to herein shall have the same expiration date as the Warrants, and shall have a strike price,  $K_{Acq}$ , that is calculated in accordance with Appendix (A) hereto. For the avoidance of doubt, if the surviving or acquiring entity, as the case may be, is a member of a consolidated group for financial reporting purposes, the “Acquirer” shall be deemed to be the parent of such consolidated group for purposes of this Section 4(d) and Appendix (A) hereto.



Moreover, appropriate provision shall be made with respect to the rights and interests of each Warrant Holder to the end that the provisions hereof (including, without limitation, provision for adjustment of the Warrant Price) shall thereafter be applicable, as nearly equivalent as may be practicable in relation to any shares of stock thereafter deliverable upon the exercise thereof. The Company shall not effect any such Corporate Reorganization unless prior to or simultaneously with the consummation thereof the successor corporation resulting from such consolidation or merger, or the corporation purchasing or otherwise acquiring such assets or other appropriate corporation or entity shall assume by written instrument, reasonably deemed by the Board of Directors of the Company and the Requisite Holders to be satisfactory in form and substance, the obligation to deliver to the holder of the Warrants, at the last address of such holder appearing on the books of the Company, such shares of stock, as, in accordance with the foregoing provisions, such holder may be entitled to purchase, and the other obligations under these Warrants. The provisions of this Section 4(d) shall similarly apply to successive Corporate Reorganizations. If the Company, in spite of using its best efforts, is unable to cause these Warrants to continue in full force and effect until the Expiration Date in connection with any Corporate Reorganization, then the Company shall pay the Warrant Holders an amount per Warrant to purchase one share in the Company that is calculated in accordance with the Black-Scholes Option Pricing formula set forth in Appendix (B) hereto. Such payment shall be made in cash in the event that the Corporate Reorganization results in the Company or the shareholders of the Company receiving cash from the Acquirer at the closing of the transaction, and shall be made in shares of the Company (with the value of each share in the Company is determined according to  $S_{Corp}$  in Appendix (B) hereto) for all other Corporate Reorganizations. In the event that a Corporate Reorganization involves the payment of cash as well as other securities, such payment to the Warrant Holders shall be also be made in both cash and shares in the same proportion as the cash and non-cash portions of the considerations.

(e) Adjustment Rules.

(i) Any adjustments pursuant to this Section 4 shall be made successively whenever any event referred to herein shall occur, except that, notwithstanding any other provision of this Section 4, no adjustment shall be made to the number of Warrant Shares to be delivered to the Warrant Holder (or to the Exercise Price) if such adjustment represents less than 1% of the number of Warrant Shares previously required to be so delivered, but any lesser adjustment shall be carried forward and shall be made at the time and together with the next subsequent adjustment which together with any adjustments so carried forward shall amount to 1% or more of the number of Warrant Shares to be so delivered.

(ii) No adjustments shall be made pursuant to this Section 4 in respect of the issuance of Warrant Shares upon exercise of the Warrant;

(iii) If the Company shall take a record of the holders of its Shares for any purpose referred to in this Section 4, then (x) such record date shall be deemed to be the date of the issuance, sale, distribution or grant in question and (y) if the Company shall legally abandon such action prior to effecting such action, no adjustment shall be made pursuant to this Section 4 in respect of such action.

(iv) In computing adjustments under this Section 4, (A) fractional interests in Shares shall be taken into account to the nearest one-thousandth of a Share, and (B) calculations of the Exercise Price shall be carried to the nearest one-thousandth of one cent.

(f) Proceedings Prior to Any Action Requiring Adjustment. As a condition precedent to the taking of any action which would require an adjustment pursuant to this Section 4, the Company shall take any action which may be necessary, including obtaining regulatory approvals or exemptions, in order that the Company may thereafter validly and legally issue as fully paid and nonassessable all Shares which the Warrant Holder is entitled to receive upon exercise of the Warrant.

(g) Notice of Adjustment. Not less than 20 days prior to the record date or effective date, as the case may be, of any action which requires or might require an adjustment or readjustment pursuant to this Section 4, the Company shall give notice to the Warrant Holder of such event, describing such event in reasonable detail and specifying the record date or effective date, as the case may be, and, if determinable, the required adjustment and computation thereof. If the required adjustment is not determinable as the time of such notice, the Company shall give notice to the Warrant Holder of such adjustment and computation as soon as reasonably practicable after such adjustment becomes determinable. In connection with any such adjustment or readjustment, at its sole cost and expense, the Company will also cause independent certified public accountants of recognized national standing (which may be the regular auditors of the Company) selected by the Company to verify its computations and, in connection with the preparation of the Company's quarterly financial statements prepare a report setting forth such adjustment or readjustment and showing in reasonable detail the method of calculation thereof and the facts upon which such adjustment or readjustment is based, including a statement of (i) the consideration received or to be received by the Company for any Share Distribution issued or sold or deemed to have been issued, (ii) the number of Shares outstanding or deemed to be outstanding, and (iii) the Exercise Price in effect immediately prior to such issue or sale and as adjusted and readjusted (if required by this Section 4) on account thereof. The Company will forthwith mail a copy of each such report to the Warrant Holder and will, upon the written request at any time of the Warrant Holder, furnish to such holder a like report setting forth the Exercise Price at the time in effect and showing in reasonable detail how it was calculated. The Company will also keep copies of all such reports at its office and will cause the same to be available for inspection at such office during normal business hours by the Warrant Holder or any prospective purchaser of this Warrant designated by the Warrant Holder.

(h) Subsequent Warrants. Irrespective of any adjustments in the Exercise Price or the number of Warrant Shares issuable upon exercise of this Warrant, any successor or replacement warrants issued theretofore or thereafter may continue to express the same Exercise Price per Share and number and kind of Warrant Shares as are stated in this Warrant.

(i) Disputes. Any dispute which arises between the Warrant Holder and the Company with respect to the calculation of the adjusted Exercise Price or Warrant Shares issuable upon exercise shall be determined by the independent auditors of the Company, and such determination shall be binding upon the Company and the holders of the Warrants and the Warrant Shares if made in good faith and without manifest error.

(j) Other Actions Affecting Shares.

(i) Equitable Equivalent. In case any event shall occur as to which the provisions of this Section 4 set forth above hereof are not strictly applicable but the failure to make any adjustment would not, in the opinion of the Warrant Holder, fairly protect the purchase rights represented by this Warrant in accordance with the essential intent and principles of this Section 4, then, in each such case, at the request of the Warrant Holder, the Company shall appoint, at the Company's expense, a firm of independent investment bankers of recognized national standing (which shall be completely independent of the Company and shall be satisfactory to the holder or the Requisite Holders), which shall give their opinion upon the adjustment, if any, on a basis consistent with the essential intent and principles established in this Section 4, necessary to preserve, in a manner so as to reduce dilution, the purchase rights represented by this Warrant. Upon receipt of such opinion, the Company will promptly mail a copy thereof to the holder of this Warrant and shall make the adjustments described therein.

(ii) No Avoidance. The Company shall not, by amendment of its certificate of incorporation or by-laws or through any consolidation, merger, reorganization, transfer of assets, dissolution, issue or sale of securities or any other voluntary action, avoid or seek to avoid the observance or performance of any of the terms of this Warrant, but will at all times in good faith assist in the carrying out of all such terms and in the taking of all such action as may be necessary or appropriate in order to protect the rights of the holder of this Warrant against unlimited dilution or other impairment as if the holder was a shareholder of the Company entitled to the benefit of fiduciary duties afforded to shareholders under Delaware law.

(k) Calculation of Consideration Received. The consideration for the issue or sale of any Share Distribution shall, irrespective of the accounting treatment of such consideration:

(i) insofar as it consists of cash, be computed at the amount of cash actually received by the Company without reduction for any expenses paid or incurred by the Company or any commissions or compensations paid or concessions or discounts allowed to underwriters, dealers or others performing similar services in connection with such issue or sale;

(ii) insofar as it consists of property (including securities) other than cash actually received by the Company, be computed at the Appraised Value thereof at the time of such issue or sale; and

(iii) insofar as it consists neither of cash nor of other property, be computed as having no value.

(l) Adjustment of Par Value. If for any reason (including the operation of the adjustment provisions set forth in this Warrant), the Exercise Price on any date of exercise of this Warrant shall not be lawful and adequate consideration for the issuance of the relevant Warrant Shares, then the Company shall take such steps as are necessary (including the amendment of its certificate of incorporation so as to reduce the par value of the Shares) to cause such Exercise Price to be adequate and lawful consideration on the date the payment thereof is due, but if the Company shall fail to take such steps, then the Company acknowledges that the Warrant Holder shall have been damaged by the Company in an amount equal to an amount, which, when added to the total Exercise Price for the relevant Warrant Shares, would equal lawful and adequate consideration for the issuance of such Warrant Shares, and the Company irrevocably agrees that if the Warrant Holder shall then forgive the right to recover such damages from the Company, such forgiveness shall constitute, and Company shall accept such forgiveness as, additional lawful consideration for the issuance of the relevant Warrant Shares.

(m) Appraisal.

(i) If the Requisite Holders shall, for any reason whatsoever, disagree with the Company's determination of the Appraised Value of a Share, then such holders shall by notice to the Company (an "**Appraisal Notice**") given within sixty (60) days after the Company notifies the holders of such determination, elect to dispute such determination, and such dispute shall be resolved as set forth in clause (ii) of this Section.

(ii) The Company shall within ten (10) days after an Appraisal Notice shall have been given, engage an independent investment bank of national repute (the "**Appraiser**") selected by the Requisite Holders and retained pursuant to an engagement letter between the Company and the Appraiser with respect to such valuation in form and substance reasonably acceptable to Requisite Holders, to make an independent determination of the Appraised Value of a Share; such value shall be determined without deduction for (a) liquidity considerations, (b) minority shareholder status, or (c) any liquidation or other preference or any right of redemption in favor of any other equity securities of the Company. The costs of engagement of such investment bank for any such determination of Appraised Value shall be paid by the Company.

Section 5. [Reserved].

Section 6. Transfer of Warrant. The Warrant Holder upon transfer of the Warrant must deliver to the Company a duly executed Warrant Assignment in the form of Exhibit B and upon surrender of this Warrant to the Company, the Company shall execute and deliver a new Warrant with appropriate changes to reflect such Assignment, in the name or names of the assignee or assignees specified in the Warrant Assignment or other instrument of assignment and, if the Warrant Holder's entire interest is not being transferred or assigned, in the name of the Warrant Holder, and upon the Company's execution and delivery of such new Warrant, this Warrant shall promptly be cancelled; and provided that any assignee shall have all of the rights of an Initial Holder hereunder. The Warrant Holder shall pay any transfer tax imposed in connection with such assignment (if any). Any transfer or exchange of this Warrant shall be without charge to the Warrant Holder (except as provided above with respect to transfer taxes, if any) and any new Warrant issued shall be dated the date hereof.

Section 7. Assistance in Disposition of Warrant or Warrant Shares. Notwithstanding any other provision herein, in the event that it becomes unlawful for the Warrant Holder to continue to hold the Warrant, in whole or in part, or some or all of the Shares held by it, or restrictions are imposed on any the Warrant Holder by any statute, regulation or governmental authority which, in the judgment of the Warrant Holder, make it unduly burdensome to continue to hold the Warrant or such Shares, the Warrant Holder may sell or otherwise dispose of the Warrant (subject to the restrictions on transfer provided in Section 6) or its Shares, and the Company agrees to provide reasonable assistance to the Warrant Holder in disposing of the Warrant and such Shares in a prompt and orderly manner and, at the request of the Warrant Holder, to provide (and authorize the Warrant Holder to provide) financial and other information concerning the Company to any prospective purchaser of the Warrant or Shares owned by the Warrant Holder.

Section 8. Identity of Transfer Agent. The Transfer Agent for the Common Stock is Corporate Stock Transfer, Inc. with a mailing address of 3200 Cherry Creek Drive South #430, Denver, CO 80209. Upon the appointment of any subsequent transfer agent for the Shares, the Company will mail to the Warrant Holder a statement setting forth the name and address of such transfer agent.

Section 9. Covenants. The Company agrees that:

(a) [Reserved].

(b) [Reserved].

(c) [Reserved].

(d) Securities Filings; Rules 144 & 144A. The Company will (i) timely file any reports required to be filed by it under the Securities Act, the Exchange Act or the rules and regulations adopted by the Commission thereunder, (ii) use its best efforts to cooperate with the Warrant Holder and each holder of Warrant Shares in supplying such information concerning the Company as may be necessary for the Warrant Holder or holder of Warrant Shares to complete and file any information reporting forms currently or hereafter required by the Commission as a condition to the availability of an exemption from the Securities Act for the sale of any Warrants or Warrant Shares, and (iii) take such further action as the Warrant Holder may reasonably request to the extent required from time to time to enable the Warrant Holder to sell Warrant Shares without restriction and without registration under the Securities Act within the limitation of the exemptions provided by Rule 144 or 144A under the Securities Act, as such Rules may be amended from time to time, or any similar rule or regulation hereafter adopted by the Commission; provided that this subsection (d) shall not require the Company to make any filing under the Securities Act or Exchange Act which the Company is not otherwise obligated to make; and provided, further, that this subsection (d) shall not require the Company to make any cash payment to the Warrant Holder.

(e) Obtaining of Governmental Approvals and Stock Exchange Listings. The Company will, at its own expense, (i) obtain and keep effective any and all permits, consents and approvals of governmental agencies and authorities which may from time to time be required of the Company in order to satisfy its obligations hereunder, and (ii) take all action which may be necessary so that the Warrant Shares, immediately upon their issuance upon the exercise of the Warrants, will be listed on each securities exchange, if any, on which the Shares are then listed.

(f) [Reserved].

(g) Structural Dilution. So long as this Warrant remains outstanding, the Company shall not permit any of its Subsidiaries to issue, sell, distribute or otherwise grant in any manner (including by assumption) any rights to subscribe for or to purchase, or any warrants or options for the purchase of any equity securities of such Subsidiary or any securities convertible into or exchangeable for such equity securities (or any rights to subscribe for or to purchase, or any warrants or options for the purchase of any such convertible or exchangeable securities), whether or not immediately exercisable or exercisable prior to the Expiration Date or thereafter.

(h) Notices Of Corporate Action. In the event of:

(i) any taking by the Company of a record of the holders of any class of securities for the purpose of determining the holders thereof who are entitled to receive any distribution, or any right to subscribe for, purchase or otherwise acquire any Shares or any other securities or property, or to receive any other right, or

(i) any capital reorganization of the Company, any reclassification or recapitalization of the capital stock of the Company, any consolidation or merger involving the Company and any other Person or any transfer of all or substantially all the assets of the Company to any other Person, or any Corporate Reorganization, or

(ii) any voluntary or involuntary dissolution, liquidation or winding-up of the Company, or

(iii) any issuance of any Shares, Convertible Security or Option by the Company, the Company will mail to the Warrant Holder a notice specifying (i) the date or expected date on which any such record is to be taken for the purpose of such dividend, distribution or right, and the amount and character of such dividend, distribution or right, (ii) the date or expected date on which any such reorganization, reclassification, recapitalization, consolidation, merger, transfer, dissolution, liquidation or winding-up is to take place, (iii) the time, if any such time is to be fixed, as of which the holders of record of Shares (or other securities under Section 4(d)) shall be entitled to exchange their Shares (or other securities under Section 4(d)) for the securities or other property deliverable upon such reorganization, reclassification, recapitalization, consolidation, merger, transfer, dissolution, liquidation or winding-up and a description in reasonable detail of the transaction and (iv) the date of such issuance, together with a description of the security so issued and the consideration received by the Company therefor. Such notice shall be mailed at least twenty (20) days prior to the date therein specified.

Section 10. Lost, Mutilated or Missing Warrants. Upon receipt by the Company of evidence reasonably satisfactory to it of the loss, theft, destruction or mutilation of any Warrant, and, in the case of loss, theft or destruction, upon receipt of indemnification satisfactory to the Company (in the case of an Initial Holder its unsecured, unbonded agreement of indemnity or affidavit of loss shall be sufficient) or, in the case of mutilation, upon surrender and cancellation of the mutilated Warrant, the Company shall execute and deliver a new Warrant of like tenor and representing the right to purchase the same aggregate number of Warrant Shares.

Section 11. Waivers; Amendments. Any provision of this Warrant may be amended or waived with (but only with) the written consent of the Company and the Requisite Holders; provided that no such amendment or waiver shall, without the written consent of the Company and the Warrant Holder, (a) change the number of Warrant Shares issuable upon exercise of the Warrant or the Exercise Price, (b) shorten the Expiration Date, or (c) amend, modify or waive the provisions of this Section or the definition of "Requisite Holders." Any amendment or waiver effected in compliance with this Section shall be binding upon the Company and the Warrant Holder. The Company shall give prompt notice to the Warrant Holder of any amendment or waiver effected in compliance with this Section. No failure or delay of the Company or the Warrant Holder in exercising any power or right hereunder shall operate as a waiver thereof, nor shall any single or partial exercise of any such right or power, or any abandonment or discontinuance of steps to enforce such a right or power, preclude any other or further exercise thereon or the exercise of any other right or power. No notice or demand on the Company in any case shall entitle the Company to any other or future notice or demand in similar or other circumstances. The rights and remedies of the Company and the Warrant Holder hereunder are cumulative and not exclusive of any rights or remedies which it would otherwise have.

Section 12. Miscellaneous.

(a) Shareholder Rights. The Warrant shall not entitle any Warrant Holder, prior to the exercise of the Warrant, to any voting or other rights as a shareholder of the Company.

(b) Expenses. The Company shall pay all reasonable expenses of the Warrant Holder, including reasonable fees and disbursements of counsel, in connection with the preparation of the Warrant, any waiver or consent hereunder or any amendment or modification hereof (regardless of whether the same becomes effective), or the enforcement of the provisions hereof; provided that the Company shall not be required to pay any expenses of the Warrant Holder arising solely in connection with a transfer of the Warrant.

(c) Successors and Assigns. All the provisions of this Warrant by or for the benefit of the Company or the Warrant Holder shall bind and inure to the benefit of their respective successors and assigns.

(d) Severability. In case any one or more of the provisions contained in this Warrant shall be invalid, illegal or unenforceable in any respect, the validity, legality and enforceability of the remaining provisions contained herein shall not in any way be affected or impaired thereby. The parties shall endeavor in good faith negotiations to replace the invalid, illegal or unenforceable provisions with valid provisions the economic effect of which comes as close as possible to that of the invalid, illegal or unenforceable provisions.

(e) Notices. Any notice or other communication hereunder shall be in writing and shall be sufficient if sent by first-class mail or courier, postage prepaid, and addressed as follows: (a) if to the Company, addressed to the Company at its address for notices as set forth below its signature hereon or any other address as the Company may hereafter notify to the Warrant Holder and (b) if to the Warrant Holder, addressed to such address as the Warrant Holder may hereafter from time to time notify to the Company for the purposes of notice hereunder.

(f) Equitable Remedies. Without limiting the rights of the Company and the Warrant Holder to pursue all other legal and equitable rights available to such party for the other parties' failure to perform its obligations hereunder, the Company and the Warrant Holder each hereto acknowledge and agree that the remedy at law for any failure to perform any obligations hereunder would be inadequate and that each shall be entitled to specific performance, injunctive relief or other equitable remedies in the event of any such failure.

(g) Continued Effect. Rights and benefits conferred on the holders of Warrant Shares pursuant to the provisions hereof (including Section 6) shall continue to inure to the benefit of, and shall be enforceable by, such holders, notwithstanding the surrender of the Warrant to, and its cancellation by, the Company upon the full or partial exercise or repurchase hereof.

(h) Governing Law. THIS WARRANT SHALL BE CONSTRUED AND ENFORCED IN ACCORDANCE WITH THE INTERNAL LAWS OF THE STATE OF NEW YORK, EXCEPT AS OTHERWISE REQUIRED BY MANDATORY PROVISIONS OF LAW.

(i) Section Headings. The section headings used herein are for convenience of reference only and shall not be construed in any way to affect the interpretation of any provisions of the Warrant.

[Signature Page Follows]

IN WITNESS WHEREOF, the Company has caused this Warrant to be duly executed by its authorized signatory as of the day and year first above written.

XTANT MEDICAL HOLDINGS, INC.

By     /s/ Carl D. O'Connell    

Name: Carl D. O'Connell

Title: Chief Executive Officer

Address for Notices:

Xtant Medical Holdings, Inc.

664 Cruiser Lane

Belgrade, Montana 59714

Attention: Carl O'Connell



Exhibit A to Warrant

Form of Notice of Exercise

\_\_\_\_\_, 20\_\_

To: Xtant Medical Holdings, Inc.

Reference is made to the Warrant dated \_\_\_\_\_. Terms defined therein are used herein as therein defined.

The undersigned, pursuant to the provisions set forth in the Warrant, hereby irrevocably elects and agrees to purchase \_\_\_\_\_ Shares, and makes payment herewith in full therefor at the Exercise Price of \$\_\_\_\_\_ in the following form:  
\_\_\_\_\_.

[If the number of Shares as to which the Warrant is being exercised is less than all of the Shares purchasable thereunder, the undersigned hereby requests that a new Warrant representing the remaining balance of the Shares be registered in the name of \_\_\_\_\_, whose address is: \_\_\_\_\_.]

The undersigned hereby represents that it is exercising the Warrant for its own account or the account of an Affiliate for investment purposes and not with the view to any sale or distribution and that the Warrant Holder will not offer, sell or otherwise dispose of the Warrant or any underlying Warrant Shares in violation of applicable securities laws.

[NAME OF WARRANT HOLDER]

By: \_\_\_\_\_

Name: \_\_\_\_\_

Title: \_\_\_\_\_

[ADDRESS OF WARRANT HOLDER]

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Exhibit B to Warrant

Form of Warrant Assignment

Reference is made to the Warrant dated \_\_\_\_\_, issued by [\_\_\_\_\_]. Terms defined therein are used herein as therein defined.

FOR VALUE RECEIVED \_\_\_\_\_ (the "Assignor") hereby sells, assigns and transfers all of the rights of the Assignor as set forth in such Warrant, with respect to the number of Warrant Shares covered thereby as set forth below, to the Assignee(s) as set forth below:

Number of Warrant Shares

Name(s) of Assignee(s)	Address(es)	Number of Warrant Shares
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All notices to be given by the Company to the Assignor as Warrant Holder shall be sent to the Assignee(s) at the above listed address(es), and, if the number of Shares being hereby assigned is less than all of the Shares covered by the Warrant held by the Assignor, then also to the Assignor.

In accordance with Section 6 of the Warrant, the Assignor requests that the Company execute and deliver a new Warrant or Warrants in the name or names of the assignee or assignees, as is appropriate, or, if the number of Shares being hereby assigned is less than all of the Shares covered by the Warrant held by the Assignor, new Warrants in the name or names of the assignee or the assignees, as is appropriate, and in the name of the Assignor.

The undersigned represents that the Assignee has represented to the Assignor that the Assignee is acquiring the Warrant for its own account or the account of an Affiliate for investment purposes and not with the view to any sale or distribution, and that the Assignee will not offer, sell or otherwise dispose of the Warrant or the Warrant Shares except under circumstances as will not result in a violation of applicable securities laws.

Dated: \_\_\_\_\_, 20\_\_

[NAME OF ASSIGNOR]

By \_\_\_\_\_  
Name:  
Title:

[ADDRESS OF ASSIGNOR]

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## APPENDIX A

**Black Scholes Option Pricing formula to be used when calculating the value of each new warrant to purchase one share in the Acquirer shall be:**

$$C_{Acq} = S_{Acq}e^{-\lambda(T_{Acq}-t_{Acq})}N(d_1) - K_{Acq}e^{-r(T_{Acq}-t_{Acq})}N(d_2), \text{ where}$$

$C_{Acq}$  = value of each warrant to purchase one share in the Acquirer

$S_{Acq}$  = price of Acquirer's stock as determined by reference to the average of the closing prices on the securities exchange or Nasdaq Global Market over the 20-day period ending three trading days prior to the closing of the Corporate Reorganization described in Section 4(d) if the Acquirer's stock is then traded on such exchange or system, or the average of the closing bid or sale prices (whichever is applicable) in the over-the-counter market over the 20-day period ending three trading days prior to the closing of the Corporate Reorganization if the Acquirer's stock is then actively traded in the over-the-counter market, or the then most recently completed financing if the Acquirer's stock is not then traded on a securities exchange or system or in the over-the-counter market.

$T_{Acq}$  = expiration date of new warrants to purchase shares in the Acquirer =  $T_{Corp}$

$t_{Acq}$  = date of issue of new warrants to purchase shares in the Acquirer

$T_{Acq}-t_{Acq}$  = time until warrant expiration, expressed in years

$\sigma$  = volatility = annualized standard deviation of daily log-returns (using a 262-day annualization factor) of the Acquirer's stock price on the securities exchange or Nasdaq Global Market over a 20-day trading period, determined by the Warrant Holders, that is within the 100-day trading period ending on the trading day immediately after the public announcement of the Corporate Reorganization described in Section 4(d) if the Acquirer's stock is then traded on such exchange or system, or the annualized standard deviation of daily-log returns (using a 262-day annualization factor) of the closing bid or sale prices (whichever is applicable) in the over-the-counter market over a 20-day trading period, determined by the Warrant Holder, that is within the 100-day trading period ending on the trading day immediately after the public announcement of the Corporate Reorganization if the Acquirer's stock is then actively traded in the over-the-counter market, or 0.6 (or 60%) if the Acquirer's stock is not then traded on a securities exchange or system or in the over-the-counter market.

$N$  = cumulative normal distribution function

$$d_1 = (\ln(S_{Acq}/K_{Acq}) + (r-\lambda+\sigma^2/2)(T_{Acq}-t_{Acq})) \div (\sigma\sqrt{T_{Acq}-t_{Acq}})$$

$\ln$  = natural logarithm

$\lambda$  = dividend rate of the Acquirer for the most recent 12-month period at the time of closing of the Corporate Reorganization.

$$K_{Acq} = \text{strike price of new warrants to purchase shares in the Acquirer} = K_{Corp} * (S_{Acq} / S_{Corp})$$

$r$  = annual yield, as reported by Bloomberg at time  $t_{Acq}$ , of the United States Treasury security measuring the nearest time  $T_{Acq}$

$$d_2 = d_1 - \sigma\sqrt{T_{Acq}-t_{Acq}}$$

## APPENDIX B

**Black Scholes Option Pricing formula to be used when calculating the value of each Warrant to purchase one share in the Company shall be:**

$$C_{\text{Corp}} = S_{\text{Corp}} e^{-\lambda(T_{\text{Corp}} - t_{\text{Corp}})} N(d_1) - K_{\text{Corp}} e^{-r(T_{\text{Corp}} - t_{\text{Corp}})} N(d_2), \text{ where}$$

$C_{\text{Corp}}$  = value of each Warrant to purchase one share in the Company

$S_{\text{Corp}}$  = price of Company stock as determined by reference to the average of the closing prices on the securities exchange or Nasdaq Global Market over the 20-day period ending three trading days prior to the closing of the Corporate Reorganization described in Section 4(d) if the Company's stock is then traded on such exchange or system, or the average of the closing bid or sale prices (whichever is applicable) in the over-the-counter market over the 20-day period ending three trading days prior to the closing of the Corporate Reorganization if the Company's stock is then actively traded in the over-the-counter market, or the then most recently completed financing if the Company's stock is not then traded on a securities exchange or system or in the over-the-counter market.

$T_{\text{Corp}}$  = expiration date of Warrants to purchase shares in the Company

$t_{\text{Corp}}$  = date of public announcement of transaction

$T_{\text{Corp}} - t_{\text{Corp}}$  = time until Warrant expiration, expressed in years

$\sigma$  = volatility = the annualized standard deviation of daily log-returns (using a 262-day annualization factor) of the Company's stock price on the securities exchange or Nasdaq Global Market over a 20-day trading period, determined by the Warrant Holders, that is within the 100-day trading period ending on the trading day immediately after the public announcement of the Corporate Reorganization described in Section 4(d) if the Company's stock is then traded on such exchange or system, or the annualized standard deviation of daily-log returns (using a 262-day annualization factor) of the closing bid or sale prices (whichever is applicable) in the over-the-counter market over a 20-day trading period, determined by the Warrant Holder, that is within the 100-day trading period ending on the trading day immediately after the public announcement of the Corporate Reorganization if the Company's stock is then actively traded in the over-the-counter market, or 0.6 (or 60%) if the Company's stock is not then traded on a securities exchange or system or in the over-the-counter market.

$N$  = cumulative normal distribution function

$$d_1 = (\ln(S_{\text{Corp}}/K_{\text{Corp}}) + (r - \lambda + \sigma^2/2)(T_{\text{Corp}} - t_{\text{Corp}})) \div (\sigma\sqrt{T_{\text{Corp}} - t_{\text{Corp}}})$$

$\ln$  = natural logarithm

$\lambda$  = dividend rate of the Company for the most recent 12-month period at the time of closing of the Corporate Reorganization.

$K_{\text{Corp}}$  = strike price of warrant

$r$  = annual yield, as reported by Bloomberg at time  $t_{\text{Corp}}$ , of the United States Treasury security measuring the nearest time  $T_{\text{Corp}}$

$$d_2 = d_1 - \sigma\sqrt{T_{\text{Corp}} - t_{\text{Corp}}}$$



**TWENTY-FOURTH AMENDMENT TO AMENDED AND RESTATED CREDIT AGREEMENT**

This **TWENTY-FOURTH AMENDMENT TO AMENDED AND RESTATED CREDIT AGREEMENT** (this "Amendment") is made and entered into as of April 1, 2018 (the "Amendment Closing Date") by and among **BACTERIN INTERNATIONAL, INC.**, a Nevada corporation (the "Borrower"), **ROS ACQUISITION OFFSHORE LP**, a Cayman Islands Exempted Limited Partnership ("ROS"), **ORBIMED ROYALTY OPPORTUNITIES II, LP**, a Delaware limited partnership ("Royalty Opportunities"), and, in their capacity as Guarantors under the Credit Agreement (as defined below), **XTANT MEDICAL HOLDINGS, INC.**, a Delaware corporation ("Holdings"), **X-SPINE SYSTEMS, INC.**, an Ohio corporation ("X-Spine" or the "Additional Delayed Draw Borrower" and, together with the Borrower, the "Borrowers") and **XTANT MEDICAL, INC.**, a Delaware corporation ("Xtant" and, along with Holdings and X-Spine, collectively, the "Guarantors").

**WHEREAS**, the Borrowers, ROS and Royalty Opportunities are party to that certain Amended and Restated Credit Agreement, dated as of July 27, 2015, as amended by that certain First Amendment to Amended and Restated Credit Agreement, dated as of March 31, 2016, that certain Second Amendment to Amended and Restated Credit Agreement, dated as of May 25, 2016, that certain Third Amendment to Amended and Restated Credit Agreement, dated as of June 30, 2016, that certain Fourth Amendment to Amended and Restated Credit Agreement, dated as of July 29, 2016, that certain Fifth Amendment to the Amended and Restated Credit Agreement, dated as of August 12, 2016, that certain Sixth Amendment to the Amended and Restated Credit Agreement, dated as of September 27, 2016, that certain Seventh Amendment to the Amended and Restated Credit Agreement, dated as of December 31, 2016, that certain Eighth Amendment to Amended and Restated Credit Agreement, dated as of January 13, 2017, that certain Ninth Amendment to Amended and Restated Credit Agreement, dated as of January 31, 2017, that certain Tenth Amendment to Amended and Restated Credit Agreement, dated as of February 14, 2017, that certain Eleventh Amendment to Amended and Restated Credit Agreement, dated as of February 28, 2017, that certain Twelfth Amendment and Waiver to Amended and Restated Credit Agreement, dated as of March 31, 2017, that certain Thirteenth Amendment to Amended and Restated Credit Agreement, dated as of April 30, 2017, that certain Fourteenth Amendment to Amended and Restated Credit Agreement, dated as of May 11, 2017, that certain Fifteenth Amendment to Amended and Restated Credit Agreement, dated as of June 30, 2017, that certain Sixteenth Amendment to Amended and Restated Credit Agreement, dated as of July 15, 2017, that certain Seventeenth Amendment and Waiver to Amended and Restated Credit Agreement, dated as of August 11, 2017, that certain Eighteenth Amendment to Amended and Restated Credit Agreement, dated as of September 29, 2017, that certain Nineteenth Amendment to Amended and Restated Credit Agreement, dated as of October 31, 2017, that certain Waiver, dated as of November 14, 2017, that certain Twentieth Amendment and Waiver to Amended and Restated Credit Agreement, dated as of November 30, 2017, that certain Twenty-First Amendment to Amended and Restated Credit Agreement, dated as of December 28, 2017, that certain Twenty-Second Amendment to Amended and Restated Credit Agreement, dated as of January 30, 2018 and that certain Twenty-Third Amendment to Amended and Restated Credit Agreement, dated as of February 14, 2018 (the "Credit Agreement"), pursuant to which (i) ROS and Royalty Opportunities, as Lenders under the Credit Agreement, have extended credit to the Borrowers on the terms set forth therein and (ii) each Lender has appointed ROS as the administrative agent (the "Administrative Agent") for the Lenders;

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**WHEREAS**, the Guarantors and the Administrative Agent entered into an Amended and Restated Guarantee, dated as of July 31, 2015 and supplemented on September 11, 2015, pursuant to which the Guarantors have agreed to guarantee the Obligations of the Borrowers under the Credit Agreement;

**WHEREAS**, pursuant to Section 11.1 of the Credit Agreement, the Credit Agreement may be amended by an instrument in writing signed by each of the Borrowers and the Administrative Agent (acting on behalf of the Lenders); and

**WHEREAS**, the Borrowers and the Lenders desire to amend certain provisions of the Credit Agreement as provided in this Amendment.

**NOW, THEREFORE**, in consideration of the mutual agreements herein contained, and for other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the parties hereto agree as follows:

1. **Definitions; Loan Document**. Capitalized terms used herein without definition shall have the meanings assigned to such terms in the Credit Agreement. This Amendment shall constitute a Loan Document for all purposes of the Credit Agreement and the other Loan Documents.

2. **Amendments to Section 3.4**. Section 3.4 of the Credit Agreement is hereby amended and restated in its entirety as follows:

“SECTION 3.4 Interest Rate.

(a) From and after the Restatement Date until June 30, 2016:

(i) interest payable in cash by the Borrower shall accrue on the Loans during such period at a rate per annum equal to 9.00%;

(ii) additional interest (“PIK Interest”) shall accrue on the Loans during such period at a rate per annum equal to the difference of (A) the sum of (1) the Applicable Margin plus (2) the higher of (x) the LIBO Rate for such Interest Period and (y) 1.00% minus (B) 9.00%, and such PIK Interest shall be added to the outstanding principal amount of the Loans on the last day of each Fiscal Quarter until July 1, 2016; and

(iii) notwithstanding anything in this Section 3.4(a) to the contrary, from and after the Restatement Date until March 31, 2016, the Borrower may elect, in its sole discretion and in lieu of interest payments pursuant to Section 3.4(a)(i) and Section 3.4(a)(ii) during such period, by delivering written notice to the Administrative Agent prior to the date on which the first cash interest payment would be payable pursuant to Section 3.4(a)(i) and Section 3.6(c), to have all or any portion (as the Borrower shall so elect) of interest on the Loans accrue on the Loans during such period at a rate per annum equal to the sum of (1) the Applicable Margin plus (2) the higher of (x) the LIBO Rate for such Interest Period and (y) 1.00% (“Optional PIK Interest”), and such Optional PIK Interest shall be added to the outstanding principal amount of the Loans on the last day of each Fiscal Quarter until March 31, 2016.

(b) From and after July 1, 2016 until February 13, 2018, PIK Interest shall accrue on the Loans during such period at a rate per annum equal to the difference of the sum of (1) the Applicable Margin plus (2) the higher of (x) the LIBO Rate for such Interest Period and (y) 1.00%, and such PIK Interest shall be added to the outstanding principal amount of the Loans on the last day of each Fiscal Quarter until December 31, 2017 and on February 14, 2018;

(c) From and after February 14, 2018 until March 31, 2018 and from and after July 1, 2018 until December 31, 2018:

(i) interest payable in cash by the Borrower shall accrue on the Loans during such period at a rate per annum equal to the sum of (1) 10.00% plus (2) the LIBO Rate for such Interest Period; and

(ii) notwithstanding anything in this Section 3.4(c) to the contrary, from and after February 14, 2018 until March 31, 2018 and from and after July 1, 2018 until December 31, 2018, the Borrower may elect, in its sole discretion and in lieu of interest payments pursuant to Section 3.4(c)(i) during such period, by delivering written notice to the Administrative Agent prior to the date on which the first cash interest payment would be payable pursuant to Section 3.4(c)(i) and Section 3.6(c), to have all or any portion (as the Borrower shall so elect) of interest on the Loans accrue on the Loans during such period as Optional PIK Interest at a rate per annum equal to the sum of (1) 12.00% plus (2) the LIBO Rate for such Interest Period, and such Optional PIK Interest shall be added to the outstanding principal amount of the Loans on the last day of each Fiscal Quarter until December 31, 2018.

(d) From and after April 1, 2018 until June 30, 2018, no interest shall accrue on the Loans during such period.

(e) From and after January 1, 2019 until June 30, 2019:

(i) interest payable in cash by the Borrower shall accrue on the Loans during such period at a rate per annum equal to the sum of (1) 10.00% plus (2) the LIBO Rate for such Interest Period; and

(ii) notwithstanding anything in this Section 3.4(e) to the contrary, from and after January 1, 2019 until June 30, 2019, the Borrower may elect, in its sole discretion and in lieu of interest payments pursuant to Section 3.4(e)(i) during such period, by delivering written notice to the Administrative Agent prior to the date on which the first cash interest payment would be payable pursuant to Section 3.4(e)(i) and Section 3.6(c), to have all or any portion (as the Borrower shall so elect) of interest on the Loans accrue on the Loans during such period as Optional PIK Interest at a rate per annum equal to the sum of (1) 15.00% plus (2) the LIBO Rate for such Interest Period, and such Optional PIK Interest shall be added to the outstanding principal amount of the Loans on the last day of each Fiscal Quarter until June 30, 2019.



(f) From and after July 1, 2019 until the Maturity Date, interest payable in cash by the Borrower shall accrue on the Loans during such period at a rate per annum equal to the sum of (1) 10.00% plus (2) the LIBO Rate for such Interest Period.

(g) The interest rate shall be recalculated and, if necessary, adjusted for each Interest Period, in each case pursuant to the terms hereof.

(h) All references hereunder to the principal amount of the Loans shall include any PIK Interest or Optional PIK Interest, if any, so added to the principal.

(i) Notwithstanding anything in this Section 3.4 to the contrary, the Borrower may, in its sole discretion, and in lieu of PIK Interest and/or Optional PIK Interest payments pursuant to Sections 3.4(a), (b), (c) or (e), by delivering written notice to the Administrative Agent prior to the date on which any such payment-in-kind interest payment would have been payable pursuant to Section 3.4(a), (b), (c) or (e) and Section 3.6(c), elect to pay such aggregate principal amount of PIK Interest and/or Optional PIK Interest in cash instead of making payment-in-kind, in which case the Borrower shall be required to make such PIK Interest and/or Optional PIK Interest payment in cash at the time such payment-in-kind interest would have been payable pursuant to Section 3.4(a), (b), (c) or (e) and Section 3.6(c).”

3. **Conditions to Effectiveness of Amendment.** This Amendment shall become effective upon receipt by the Borrowers, the Administrative Agent, the Lenders and the Guarantors of a counterpart signature of the others to this Amendment duly executed and delivered by each of the Borrowers, the Lenders, the Administrative Agent and the Guarantors.

4. **Expenses.** The Borrowers agree to pay on demand all expenses of the Administrative Agent (including, without limitation, the fees and out-of-pocket expenses of Covington & Burling LLP, counsel to the Administrative Agent) incurred in connection with the Administrative Agent’s review, consideration and evaluation of this Amendment, including the rights and remedies available to it in connection therewith, and the negotiation, preparation, execution and delivery of this Amendment.

5. **Representations and Warranties.** The Borrowers and the Guarantors represent and warrant to each Lender as follows:

(a) After giving effect to this Amendment, the representations and warranties of the Borrowers and the Guarantors contained in the Credit Agreement or any other Loan Document shall, (i) with respect to representations and warranties that contain a materiality qualification, be true and correct in all respects on and as of the date hereof, and (ii) with respect to representations and warranties that do not contain a materiality qualification, be true and correct in all material respects on and as of the date hereof, and except that the representations and warranties limited by their terms to a specific date shall be true and correct as of such date.

(b) Before and after giving effect to this Amendment, no Default or Event of Default under the Credit Agreement has occurred or will occur or be continuing.

6. **No Implied Amendment or Waiver.** Except as expressly set forth in this Amendment, this Amendment shall not, by implication or otherwise, limit, impair, constitute a waiver of or otherwise affect any rights or remedies of the Administrative Agent or the Lenders under the Credit Agreement or the other Loan Documents, or alter, modify, amend or in any way affect any of the terms, obligations or covenants contained in the Credit Agreement or the other Loan Documents, all of which shall continue in full force and effect. Nothing in this Amendment shall be construed to imply any willingness on the part of the Administrative Agent or the Lenders to agree to or grant any similar or future amendment, consent or waiver of any of the terms and conditions of the Credit Agreement or the other Loan Documents.

7. **Waiver and Release.** TO INDUCE THE ADMINISTRATIVE AGENT, ACTING ON BEHALF OF THE LENDERS, TO AGREE TO THE TERMS OF THIS AMENDMENT, THE BORROWERS, THE GUARANTORS AND THEIR AFFILIATES (COLLECTIVELY, THE RELEASING PARTIES) REPRESENT AND WARRANT THAT AS OF THE DATE HEREOF THERE ARE NO CLAIMS OR OFFSETS AGAINST OR RIGHTS OF RECOUPMENT WITH RESPECT TO OR DEFENSES OR COUNTERCLAIMS TO THEIR OBLIGATIONS UNDER THE LOAN DOCUMENTS AND IN ACCORDANCE THEREWITH THEY:

(a) WAIVE ANY AND ALL SUCH CLAIMS, OFFSETS, RIGHTS OF RECOUPMENT, DEFENSES OR COUNTERCLAIMS, WHETHER KNOWN OR UNKNOWN, ARISING PRIOR TO THE DATE HEREOF; AND

(b) FOREVER RELEASE, RELIEVE, AND DISCHARGE THE ADMINISTRATIVE AGENT, THE LENDERS, THEIR OFFICERS, DIRECTORS, SHAREHOLDERS, MEMBERS, PARTNERS, PREDECESSORS, SUCCESSORS, ASSIGNS, ATTORNEYS, ACCOUNTANTS, AGENTS, EMPLOYEES, AND REPRESENTATIVES (COLLECTIVELY, THE RELEASED PARTIES), AND EACH OF THEM, FROM ANY AND ALL CLAIMS, LIABILITIES, DEMANDS, CAUSES OF ACTION, DEBTS, OBLIGATIONS, PROMISES, ACTS, AGREEMENTS, AND DAMAGES, OF WHATEVER KIND OR NATURE, WHETHER KNOWN OR UNKNOWN, SUSPECTED OR UNSUSPECTED, CONTINGENT OR FIXED, LIQUIDATED OR UNLIQUIDATED, MATURED OR UNMATURED, WHETHER AT LAW OR IN EQUITY, WHICH THE RELEASING PARTIES EVER HAD, NOW HAVE, OR MAY, SHALL, OR CAN HEREAFTER HAVE, DIRECTLY OR INDIRECTLY ARISING OUT OF OR IN ANY WAY BASED UPON, CONNECTED WITH, OR RELATED TO MATTERS, THINGS, ACTS, CONDUCT, AND/OR OMISSIONS AT ANY TIME FROM THE BEGINNING OF THE WORLD THROUGH AND INCLUDING THE DATE HEREOF, INCLUDING WITHOUT LIMITATION ANY AND ALL CLAIMS AGAINST THE RELEASED PARTIES ARISING UNDER OR RELATED TO THE LOAN DOCUMENTS OR THE TRANSACTIONS CONTEMPLATED THEREBY.

(c) IN CONNECTION WITH THE RELEASE CONTAINED HEREIN, THE RELEASING PARTIES ACKNOWLEDGE THAT THEY ARE AWARE THAT THEY MAY HEREAFTER DISCOVER CLAIMS PRESENTLY UNKNOWN OR UNSUSPECTED, OR FACTS IN ADDITION TO OR DIFFERENT FROM THOSE WHICH THEY KNOW OR BELIEVE TO BE TRUE, WITH RESPECT TO THE MATTERS RELEASED HEREIN. NEVERTHELESS, IT IS THE INTENTION OF THE RELEASING PARTIES, THROUGH THIS AGREEMENT AND WITH ADVICE OF COUNSEL, FULLY, FINALLY, AND FOREVER TO RELEASE ALL SUCH MATTERS, AND ALL CLAIMS RELATED THERETO, WHICH DO NOW EXIST, OR HERETOFORE HAVE EXISTED. IN FURTHERANCE OF SUCH INTENTION, THE RELEASES HEREIN GIVEN SHALL BE AND REMAIN IN EFFECT AS A FULL AND COMPLETE RELEASE OR WITHDRAWAL OF SUCH MATTERS NOTWITHSTANDING THE DISCOVERY OR EXISTENCE OF ANY SUCH ADDITIONAL OR DIFFERENT CLAIMS OR FACTS RELATED THERETO.

(d) THE RELEASING PARTIES COVENANT AND AGREE NOT TO BRING ANY CLAIM, ACTION, SUIT, OR PROCEEDING AGAINST THE RELEASED PARTIES, DIRECTLY OR INDIRECTLY, REGARDING OR RELATED IN ANY MANNER TO THE MATTERS RELEASED HEREBY, AND FURTHER COVENANT AND AGREE THAT THIS AGREEMENT IS A BAR TO ANY SUCH CLAIM, ACTION, SUIT, OR PROCEEDING.

(e) THE RELEASING PARTIES REPRESENT AND WARRANT TO THE RELEASED PARTIES THAT THEY HAVE NOT HERETOFORE ASSIGNED OR TRANSFERRED, OR PURPORTED TO ASSIGN OR TRANSFER, TO ANY PERSON OR ENTITY ANY CLAIMS OR OTHER MATTERS HEREIN RELEASED.

8. **Counterparts; Governing Law.** This Amendment may be executed in any number of counterparts and by different parties hereto on separate counterparts, each of such when so executed and delivered shall be an original, but all of such counterparts shall together constitute but one and the same agreement. Delivery of an executed counterpart of a signature page of this Amendment by fax transmission or other electronic mail transmission (e.g., "pdf" or "tif") shall be effective as delivery of a manually executed counterpart of this Amendment. THIS AMENDMENT SHALL BE GOVERNED BY, AND CONSTRUED IN ACCORDANCE WITH, THE INTERNAL LAWS OF THE STATE OF NEW YORK (INCLUDING FOR SUCH PURPOSE SECTIONS 5-1401 AND 5-1402 OF THE GENERAL OBLIGATIONS LAW OF THE STATE OF NEW YORK).

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IN WITNESS WHEREOF, the parties hereto have caused this Amendment to be executed by their respective officers thereunto duly authorized as of the day and year first above written.

**BACTERIN INTERNATIONAL, INC.,**  
as the Borrower

By: /s/ Carl D. O'Connell

Name: Carl D. O'Connell

Title: Chief Executive Officer

**XTANT MEDICAL HOLDINGS, INC.,**  
(fka: Bacterin International Holdings, Inc.)  
as a Guarantor

By: /s/ Carl D. O'Connell

Name: Carl D. O'Connell

Title: Chief Executive Officer

**X-SPINE SYSTEMS, INC.,**  
as a Guarantor and the Additional Delayed Draw Borrower

By: /s/ Carl D. O'Connell

Name: Carl D. O'Connell

Title: Chief Executive Officer

**XTANT MEDICAL, INC.,**  
as a Guarantor

By: /s/ Carl D. O'Connell

Name: Carl D. O'Connell

Title: Chief Executive Officer

Signature Page to Twenty-Fourth Amendment to A&R Credit Agreement

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**ROS ACQUISITION OFFSHORE LP,**  
as a Lender and as the Administrative Agent

By OrbiMed Advisors LLC, solely in its  
capacity as Investment Manager

By: /s/ W. Carter Neild

Name: W. Carter Neild

Title: Member

**ORBIMED ROYALTY OPPORTUNITIES II, LP,**  
as a Lender

By OrbiMed ROF II LLC,  
its General Partner

By OrbiMed Advisors LLC,  
its Managing Member

By: /s/ W. Carter Neild

Name: W. Carter Neild

Title: Member

Signature Page to Twenty-Fourth Amendment to A&R Credit Agreement

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**TWENTY-FIFTH AMENDMENT TO AMENDED AND RESTATED CREDIT AGREEMENT**

This **TWENTY-FIFTH AMENDMENT TO AMENDED AND RESTATED CREDIT AGREEMENT** (this "Amendment") is made and entered into as of August 1, 2018 (the "Amendment Closing Date") by and among **BACTERIN INTERNATIONAL, INC.**, a Nevada corporation (the "Borrower"), **ROS ACQUISITION OFFSHORE LP**, a Cayman Islands Exempted Limited Partnership ("ROS"), **ORBIMED ROYALTY OPPORTUNITIES II, LP**, a Delaware limited partnership ("Royalty Opportunities"), and, in their capacity as Guarantors under the Credit Agreement (as defined below), **XTANT MEDICAL HOLDINGS, INC.**, a Delaware corporation ("Holdings"), **X-SPINE SYSTEMS, INC.**, an Ohio corporation ("X-Spine" or the "Additional Delayed Draw Borrower" and, together with the Borrower, the "Borrowers") and **XTANT MEDICAL, INC.**, a Delaware corporation ("Xtant" and, along with Holdings and X-Spine, collectively, the "Guarantors").

**WHEREAS**, the Borrowers, ROS and Royalty Opportunities are party to that certain Amended and Restated Credit Agreement, dated as of July 27, 2015, as amended by that certain First Amendment to Amended and Restated Credit Agreement, dated as of March 31, 2016, that certain Second Amendment to Amended and Restated Credit Agreement, dated as of May 25, 2016, that certain Third Amendment to Amended and Restated Credit Agreement, dated as of June 30, 2016, that certain Fourth Amendment to Amended and Restated Credit Agreement, dated as of July 29, 2016, that certain Fifth Amendment to the Amended and Restated Credit Agreement, dated as of August 12, 2016, that certain Sixth Amendment to the Amended and Restated Credit Agreement, dated as of September 27, 2016, that certain Seventh Amendment to the Amended and Restated Credit Agreement, dated as of December 31, 2016, that certain Eighth Amendment to Amended and Restated Credit Agreement, dated as of January 13, 2017, that certain Ninth Amendment to Amended and Restated Credit Agreement, dated as of January 31, 2017, that certain Tenth Amendment to Amended and Restated Credit Agreement, dated as of February 14, 2017, that certain Eleventh Amendment to Amended and Restated Credit Agreement, dated as of February 28, 2017, that certain Twelfth Amendment and Waiver to Amended and Restated Credit Agreement, dated as of March 31, 2017, that certain Thirteenth Amendment to Amended and Restated Credit Agreement, dated as of April 30, 2017, that certain Fourteenth Amendment to Amended and Restated Credit Agreement, dated as of May 11, 2017, that certain Fifteenth Amendment to Amended and Restated Credit Agreement, dated as of June 30, 2017, that certain Sixteenth Amendment to Amended and Restated Credit Agreement, dated as of July 15, 2017, that certain Seventeenth Amendment and Waiver to Amended and Restated Credit Agreement, dated as of August 11, 2017, that certain Eighteenth Amendment to Amended and Restated Credit Agreement, dated as of September 29, 2017, that certain Nineteenth Amendment to Amended and Restated Credit Agreement, dated as of October 31, 2017, that certain Waiver, dated as of November 14, 2017, that certain Twentieth Amendment and Waiver to Amended and Restated Credit Agreement, dated as of November 30, 2017, that certain Twenty-First Amendment to Amended and Restated Credit Agreement, dated as of December 28, 2017, that certain Twenty-Second Amendment to Amended and Restated Credit Agreement, dated as of January 30, 2018, that certain Twenty-Third Amendment to Amended and Restated Credit Agreement, dated as of February 14, 2018 and that certain Twenty-Fourth Amendment to Amended and Restated Credit Agreement, dated as of April 1, 2018 (the "Credit Agreement"), pursuant to which (i) ROS and Royalty Opportunities, as Lenders under the Credit Agreement, have extended credit to the Borrowers on the terms set forth therein and (ii) each Lender has appointed ROS as the administrative agent (the "Administrative Agent") for the Lenders;

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**WHEREAS**, the Guarantors and the Administrative Agent entered into an Amended and Restated Guarantee, dated as of July 31, 2015 and supplemented on September 11, 2015, pursuant to which the Guarantors have agreed to guarantee the Obligations of the Borrowers under the Credit Agreement;

**WHEREAS**, pursuant to Section 11.1 of the Credit Agreement, the Credit Agreement may be amended by an instrument in writing signed by each of the Borrowers and the Administrative Agent (acting on behalf of the Lenders); and

**WHEREAS**, the Borrowers and the Lenders desire to amend certain provisions of the Credit Agreement as provided in this Amendment.

**NOW, THEREFORE**, in consideration of the mutual agreements herein contained, and for other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the parties hereto agree as follows:

1. **Definitions; Loan Document**. Capitalized terms used herein without definition shall have the meanings assigned to such terms in the Credit Agreement. This Amendment shall constitute a Loan Document for all purposes of the Credit Agreement and the other Loan Documents.

2. **Amendment to Section 3.2**. Section 3.2 of the Credit Amendment is hereby amended by deleting “1.0%” from such Section 3.2 and inserting “2.0%” in replacement thereof.

3. **Amendments to Section 3.4**. Section 3.4 of the Credit Agreement is hereby amended and restated in its entirety as follows:

“SECTION 3.4 Interest Rate.

(a) From and after the Restatement Date until June 30, 2016:

(i) interest payable in cash by the Borrower shall accrue on the Loans during such period at a rate per annum equal to 9.00%;

(ii) additional interest (“PIK Interest”) shall accrue on the Loans during such period at a rate per annum equal to the difference of (A) the sum of (1) the Applicable Margin plus (2) the higher of (x) the LIBO Rate for such Interest Period and (y) 1.00% minus (B) 9.00%, and such PIK Interest shall be added to the outstanding principal amount of the Loans on the last day of each Fiscal Quarter until July 1, 2016; and



(iii) notwithstanding anything in this Section 3.4(a) to the contrary, from and after the Restatement Date until March 31, 2016, the Borrower may elect, in its sole discretion and in lieu of interest payments pursuant to Section 3.4(a)(i) and Section 3.4(a)(ii) during such period, by delivering written notice to the Administrative Agent prior to the date on which the first cash interest payment would be payable pursuant to Section 3.4(a)(i) and Section 3.6(c), to have all or any portion (as the Borrower shall so elect) of interest on the Loans accrue on the Loans during such period at a rate per annum equal to the sum of (1) the Applicable Margin plus (2) the higher of (x) the LIBO Rate for such Interest Period and (y) 1.00% (“Optional PIK Interest”), and such Optional PIK Interest shall be added to the outstanding principal amount of the Loans on the last day of each Fiscal Quarter until March 31, 2016.

(b) From and after July 1, 2016 until February 13, 2018, PIK Interest shall accrue on the Loans during such period at a rate per annum equal to the difference of the sum of (1) the Applicable Margin plus (2) the higher of (x) the LIBO Rate for such Interest Period and (y) 1.00%, and such PIK Interest shall be added to the outstanding principal amount of the Loans on the last day of each Fiscal Quarter until December 31, 2017 and on February 14, 2018;

(c) From and after February 14, 2018 until March 31, 2018:

(i) interest payable in cash by the Borrower shall accrue on the Loans during such period at a rate per annum equal to the sum of (1) 10.00% plus (2) the LIBO Rate for such Interest Period; and

(ii) notwithstanding anything in this Section 3.4(c) to the contrary, from and after February 14, 2018 until March 31, 2018, the Borrower may elect, in its sole discretion and in lieu of interest payments pursuant to Section 3.4(c)(i) during such period, by delivering written notice to the Administrative Agent prior to the date on which the first cash interest payment would be payable pursuant to Section 3.4(c)(i) and Section 3.6(c), to have all or any portion (as the Borrower shall so elect) of interest on the Loans accrue on the Loans during such period as Optional PIK Interest at a rate per annum equal to the sum of (1) 12.00% plus (2) the LIBO Rate for such Interest Period, and such Optional PIK Interest shall be added to the outstanding principal amount of the Loans on the last day of each Fiscal Quarter until December 31, 2018.

(d) From and after April 1, 2018 until June 30, 2018, no interest shall accrue on the Loans during such period.

(e) From and after June 30, 2018 until December 31, 2018, no interest shall accrue on the Loans during such period.

(f) From and after January 1, 2019 until June 30, 2019:

(i) interest payable in cash by the Borrower shall accrue on the Loans during such period at a rate per annum equal to the sum of (1) 10.00% plus (2) the higher of (x) the LIBO Rate for such Interest Period and (y) 2.3125%; and

(ii) notwithstanding anything in this Section 3.4(f) to the contrary, from and after January 1, 2019 until June 30, 2019, the Borrower may elect, in its sole discretion and in lieu of interest payments pursuant to Section 3.4(f)(i) during such period, by delivering written notice to the Administrative Agent prior to the date on which the first cash interest payment would be payable pursuant to Section 3.4(f)(i) and Section 3.6(c), to have all or any portion (as the Borrower shall so elect) of interest on the Loans accrue on the Loans during such period as Optional PIK Interest at a rate per annum equal to the sum of (1) 10.00% plus (2) the higher of (x) the LIBO Rate for such Interest Period and (y) 2.3125%, and such Optional PIK Interest shall be added to the outstanding principal amount of the Loans on the last day of each Fiscal Quarter until June 30, 2019.

(g) From and after July 1, 2019 until the Maturity Date, interest payable in cash by the Borrower shall accrue on the Loans during such period at a rate per annum equal to the sum of (1) 10.00% plus (2) the higher of (x) the LIBO Rate for such Interest Period and (y) 2.3125%.

(h) The interest rate shall be recalculated and, if necessary, adjusted for each Interest Period, in each case pursuant to the terms hereof.

(i) All references hereunder to the principal amount of the Loans shall include any PIK Interest or Optional PIK Interest, if any, so added to the principal.

(j) Notwithstanding anything in this Section 3.4 to the contrary, the Borrower may, in its sole discretion, and in lieu of PIK Interest and/or Optional PIK Interest payments pursuant to Sections 3.4(a), (b), (c) or (f), by delivering written notice to the Administrative Agent prior to the date on which any such payment-in-kind interest payment would have been payable pursuant to Section 3.4(a), (b), (c) or (f) and Section 3.6(c), elect to pay such aggregate principal amount of PIK Interest and/or Optional PIK Interest in cash instead of making payment-in-kind, in which case the Borrower shall be required to make such PIK Interest and/or Optional PIK Interest payment in cash at the time such payment-in-kind interest would have been payable pursuant to Section 3.4(a), (b), (c) or (f) and Section 3.6(c).”

4. **Conditions to Effectiveness of Amendment.** This Amendment shall become effective upon (1) receipt by the Borrowers, the Administrative Agent, the Lenders and the Guarantors of a counterpart signature of the others to this Amendment duly executed and delivered by each of the Borrowers, the Lenders, the Administrative Agent and the Guarantors and (2) the issuance by Holdings, on the Amendment Closing Date, of (i) to ROS, a warrant to purchase 765,992 shares of common stock of Holdings and (ii) to Royalty Opportunities, a warrant to purchase 434,008 shares of common stock of Holdings, in each case, with an exercise price of \$0.01 per share and an expiration date of August 1, 2028.

5. **Expenses.** The Borrowers agree to pay on demand all expenses of the Administrative Agent (including, without limitation, the fees and out-of-pocket expenses of Covington & Burling LLP, counsel to the Administrative Agent) incurred in connection with the Administrative Agent’s review, consideration and evaluation of this Amendment, including the rights and remedies available to it in connection therewith, and the negotiation, preparation, execution and delivery of this Amendment.

6. **Representations and Warranties.** The Borrowers and the Guarantors represent and warrant to each Lender as follows:

(a) After giving effect to this Amendment, the representations and warranties of the Borrowers and the Guarantors contained in the Credit Agreement or any other Loan Document shall, (i) with respect to representations and warranties that contain a materiality qualification, be true and correct in all respects on and as of the date hereof, and (ii) with respect to representations and warranties that do not contain a materiality qualification, be true and correct in all material respects on and as of the date hereof, and except that the representations and warranties limited by their terms to a specific date shall be true and correct as of such date.

(b) Before and after giving effect to this Amendment, no Default or Event of Default under the Credit Agreement has occurred or will occur or be continuing.

7. **No Implied Amendment or Waiver.** Except as expressly set forth in this Amendment, this Amendment shall not, by implication or otherwise, limit, impair, constitute a waiver of or otherwise affect any rights or remedies of the Administrative Agent or the Lenders under the Credit Agreement or the other Loan Documents, or alter, modify, amend or in any way affect any of the terms, obligations or covenants contained in the Credit Agreement or the other Loan Documents, all of which shall continue in full force and effect. Nothing in this Amendment shall be construed to imply any willingness on the part of the Administrative Agent or the Lenders to agree to or grant any similar or future amendment, consent or waiver of any of the terms and conditions of the Credit Agreement or the other Loan Documents.

8. **Waiver and Release.** TO INDUCE THE ADMINISTRATIVE AGENT, ACTING ON BEHALF OF THE LENDERS, TO AGREE TO THE TERMS OF THIS AMENDMENT, THE BORROWERS, THE GUARANTORS AND THEIR AFFILIATES (COLLECTIVELY, THE RELEASING PARTIES) REPRESENT AND WARRANT THAT AS OF THE DATE HEREOF THERE ARE NO CLAIMS OR OFFSETS AGAINST OR RIGHTS OF RECOUPMENT WITH RESPECT TO OR DEFENSES OR COUNTERCLAIMS TO THEIR OBLIGATIONS UNDER THE LOAN DOCUMENTS AND IN ACCORDANCE THEREWITH THEY:

(a) WAIVE ANY AND ALL SUCH CLAIMS, OFFSETS, RIGHTS OF RECOUPMENT, DEFENSES OR COUNTERCLAIMS, WHETHER KNOWN OR UNKNOWN, ARISING PRIOR TO THE DATE HEREOF; AND

(b) FOREVER RELEASE, RELIEVE, AND DISCHARGE THE ADMINISTRATIVE AGENT, THE LENDERS, THEIR OFFICERS, DIRECTORS, SHAREHOLDERS, MEMBERS, PARTNERS, PREDECESSORS, SUCCESSORS, ASSIGNS, ATTORNEYS, ACCOUNTANTS, AGENTS, EMPLOYEES, AND REPRESENTATIVES (COLLECTIVELY, THE "RELEASED PARTIES"), AND EACH OF THEM, FROM ANY AND ALL CLAIMS, LIABILITIES, DEMANDS, CAUSES OF ACTION, DEBTS, OBLIGATIONS, PROMISES, ACTS, AGREEMENTS, AND DAMAGES, OF WHATEVER KIND OR NATURE, WHETHER KNOWN OR UNKNOWN, SUSPECTED OR UNSUSPECTED, CONTINGENT OR FIXED, LIQUIDATED OR UNLIQUIDATED, MATURED OR UNMATURED, WHETHER AT LAW OR IN EQUITY, WHICH THE RELEASING PARTIES EVER HAD, NOW HAVE, OR MAY, SHALL, OR CAN HEREAFTER HAVE, DIRECTLY OR INDIRECTLY ARISING OUT OF OR IN ANY WAY BASED UPON, CONNECTED WITH, OR RELATED TO MATTERS, THINGS, ACTS, CONDUCT, AND/OR OMISSIONS AT ANY TIME FROM THE BEGINNING OF THE WORLD THROUGH AND INCLUDING THE DATE HEREOF, INCLUDING WITHOUT LIMITATION ANY AND ALL CLAIMS AGAINST THE RELEASED PARTIES ARISING UNDER OR RELATED TO THE LOAN DOCUMENTS OR THE TRANSACTIONS CONTEMPLATED THEREBY.

(c) IN CONNECTION WITH THE RELEASE CONTAINED HEREIN, THE RELEASING PARTIES ACKNOWLEDGE THAT THEY ARE AWARE THAT THEY MAY HEREAFTER DISCOVER CLAIMS PRESENTLY UNKNOWN OR UNSUSPECTED, OR FACTS IN ADDITION TO OR DIFFERENT FROM THOSE WHICH THEY KNOW OR BELIEVE TO BE TRUE, WITH RESPECT TO THE MATTERS RELEASED HEREIN. NEVERTHELESS, IT IS THE INTENTION OF THE RELEASING PARTIES, THROUGH THIS AGREEMENT AND WITH ADVICE OF COUNSEL, FULLY, FINALLY, AND FOREVER TO RELEASE ALL SUCH MATTERS, AND ALL CLAIMS RELATED THERETO, WHICH DO NOW EXIST, OR HERETOFORE HAVE EXISTED. IN FURTHERANCE OF SUCH INTENTION, THE RELEASES HEREIN GIVEN SHALL BE AND REMAIN IN EFFECT AS A FULL AND COMPLETE RELEASE OR WITHDRAWAL OF SUCH MATTERS NOTWITHSTANDING THE DISCOVERY OR EXISTENCE OF ANY SUCH ADDITIONAL OR DIFFERENT CLAIMS OR FACTS RELATED THERETO.

(d) THE RELEASING PARTIES COVENANT AND AGREE NOT TO BRING ANY CLAIM, ACTION, SUIT, OR PROCEEDING AGAINST THE RELEASED PARTIES, DIRECTLY OR INDIRECTLY, REGARDING OR RELATED IN ANY MANNER TO THE MATTERS RELEASED HEREBY, AND FURTHER COVENANT AND AGREE THAT THIS AGREEMENT IS A BAR TO ANY SUCH CLAIM, ACTION, SUIT, OR PROCEEDING.

(e) THE RELEASING PARTIES REPRESENT AND WARRANT TO THE RELEASED PARTIES THAT THEY HAVE NOT HERETOFORE ASSIGNED OR TRANSFERRED, OR PURPORTED TO ASSIGN OR TRANSFER, TO ANY PERSON OR ENTITY ANY CLAIMS OR OTHER MATTERS HEREIN RELEASED.

9. **Counterparts; Governing Law.** This Amendment may be executed in any number of counterparts and by different parties hereto on separate counterparts, each of such when so executed and delivered shall be an original, but all of such counterparts shall together constitute but one and the same agreement. Delivery of an executed counterpart of a signature page of this Amendment by fax transmission or other electronic mail transmission (e.g., "pdf" or "tif") shall be effective as delivery of a manually executed counterpart of this Amendment. THIS AMENDMENT SHALL BE GOVERNED BY, AND CONSTRUED IN ACCORDANCE WITH, THE INTERNAL LAWS OF THE STATE OF NEW YORK (INCLUDING FOR SUCH PURPOSE SECTIONS 5-1401 AND 5-1402 OF THE GENERAL OBLIGATIONS LAW OF THE STATE OF NEW YORK).

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IN WITNESS WHEREOF, the parties hereto have caused this Amendment to be executed by their respective officers thereunto duly authorized as of the day and year first above written.

**BACTERIN INTERNATIONAL, INC.**, as the Borrower

By: /s/ Carl D. O'Connell

Name: Carl D. O'Connell

Title: Chief Executive Officer

**XTANT MEDICAL HOLDINGS, INC.**,  
(fka: Bacterin International Holdings, Inc.)  
as a Guarantor

By: /s/ Carl D. O'Connell

Name: Carl D. O'Connell

Title: Chief Executive Officer

**X-SPINE SYSTEMS, INC.**,  
as a Guarantor and the Additional Delayed Draw  
Borrower

By: /s/ Carl D. O'Connell

Name: Carl D. O'Connell

Title: Chief Executive Officer

**XTANT MEDICAL, INC.**,  
as a Guarantor

By: /s/ Carl D. O'Connell

Name: Carl D. O'Connell

Title: Chief Executive Officer

Signature Page to Twenty-Fifth Amendment to A&R Credit Agreement

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**ROS ACQUISITION OFFSHORE LP,**  
as a Lender and as the Administrative Agent

By OrbiMed Advisors LLC, solely in its  
capacity as Investment Manager

By: /s/ W. Carter Neild

Name: W. Carter Neild

Title: Member

**ORBIMED ROYALTY OPPORTUNITIES II, LP,**  
as a Lender

By OrbiMed ROF II LLC,  
its General Partner

By OrbiMed Advisors LLC,  
its Managing Member

By: /s/ W. Carter Neild

Name: W. Carter Neild

Title: Member

*Signature Page to Twenty-Fifth Amendment to A&R Credit Agreement*

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## **Xtant Medical Announces Amendments to Credit Facility and Issuance of Warrants**

BELGRADE, MT, Sept. 17, 2018 — Xtant Medical Holdings, Inc. (NYSE American: XTNT), a leader in the development and commercialization of regenerative medicine products and medical devices, today announced it has executed amendments to its credit facility reducing interest payable, among other provisions. Xtant has also issued warrants for the purchase of 1.2 million shares of common stock.

The Company has executed the 24<sup>th</sup> and 25<sup>th</sup> amendments to its Amended and Restated Credit Agreement with its lenders. These amendments provide for the following changes, as further described in the amendments:

- No interest will be charged on the loan balance outstanding under the credit facility for the period April 1, 2018 through December 31, 2018.
- The interest rate for the Optional PIK Interest (as defined in the agreement) for the period January 1, 2019 through June 30, 2019, was reduced from 15.00% plus LIBO rate to 10.00% plus LIBO rate.
- A minimum LIBO rate of 2.3125% was provided for the period January 1, 2019 through maturity of the credit facility on July 31, 2020.
- The fee due upon payment, prepayment or repayment of the principal amount of the loans under the credit facility, whether on the maturity date or otherwise, was increased to 2% from 1% of the aggregate principal amount of such payment, prepayment or repayment.

Xtant has issued warrants for 1.2 million shares of common stock with an exercise price of \$.01 per share and an expiration date of August 1, 2028. The warrants were issued to OrbiMed Royalty Opportunities II, LP and ROS Acquisition Offshore LP who collectively own approximately 70% of Xtant's outstanding common stock and are the sole holders of the Company's outstanding long-term debt under the credit facility.

Additional details regarding the 24<sup>th</sup> and 25<sup>th</sup> amendments to the Amended and Restated Credit Agreement and the warrant issuance can be found in a Current Report on Form 8-K filed with the Securities and Exchange Commission (SEC) on September 17, 2018, and by visiting the SEC's website at <http://www.sec.gov>.

### **About Xtant Medical**

Xtant Medical develops, manufactures and markets regenerative medicine products and medical devices for domestic and international markets. Xtant Medical products serve the specialized needs of orthopedic and neurological surgeons, including orthobiologics for the promotion of bone healing, implants and instrumentation for the treatment of spinal disease, tissue grafts for the treatment of orthopedic disorders, and biologics to promote healing following cranial, and foot and ankle surgeries. With core competencies in both biologic and non-biologic surgical technologies, Xtant Medical can leverage its resources to successfully compete in global neurological and orthopedic surgery markets. For further information, please visit [www.xtantmedical.com](http://www.xtantmedical.com).

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## **Important Cautions Regarding Forward-looking Statements**

This press release contains certain disclosures that may be deemed forward-looking statements within the meaning of the Private Securities Litigation Reform Act of 1995. Forward-looking statements include statements that are predictive in nature, that depend upon or refer to future events or conditions, or that include words such as “continue,” “expects,” “anticipates,” “intends,” “plans,” “believes,” “estimates,” “strategy,” “will,” “can” or similar expressions or the negative thereof. Statements of historical fact also may be deemed to be forward-looking statements. The Company cautions that these statements by their nature involve risks and uncertainties, and actual results may differ materially depending on a variety of important factors, including, among others: the ability to increase revenue; the ability to achieve expected results; the ability to remain competitive; the ability to innovate and develop new products; the ability to engage and retain qualified personnel; government and third-party coverage and reimbursement for Company products; the ability to obtain and maintain regulatory approvals; government regulations; product liability claims and other litigation to which we may be subjected; product recalls and defects; timing and results of clinical studies; the ability to obtain and protect Company intellectual property and proprietary rights and operate without infringing the rights of others; the ability to service Company debt and comply with debt covenants; the ability to raise additional financing and other factors. Additional risk factors are listed in the Company’s Annual Report on Form 10-K for the year ended December 31, 2017 filed with the SEC on April 2, 2018 and subsequent SEC filings by the Company, including without limitation its Quarterly Report on Form 10-Q for the quarters ended March 31, 2018 and June 30, 2018. Investors are encouraged to read the Company’s filings with the SEC, available at [www.sec.gov](http://www.sec.gov), for a discussion of these and other risks and uncertainties. The Company undertakes no obligation to release publicly any revisions to any forward-looking statements to reflect events or circumstances after the date hereof or to reflect the occurrence of unanticipated events, except as required by law. All forward-looking statements attributable to the Company or persons acting on its behalf are expressly qualified in their entirety by this cautionary statement.

## **Investor Relations Contact**

David Carey  
Lazar Partners Ltd.  
Ph: 212-867-1762  
Email: [dcarey@lazarpartners.com](mailto:dcarey@lazarpartners.com)

## **Company Contact**

Xtant Medical  
Molly Mason  
[mmason@xtantmedical.com](mailto:mmason@xtantmedical.com)  
Xtant Medical Holdings, Inc.

**SOURCE:** Xtant Medical Holdings, Inc.

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