

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

FORM 8-K

CURRENT REPORT  
Pursuant to Section 13 OR 15(d) of The Securities Exchange Act of 1934

Date of report (Date of earliest event reported): January 31, 2017

**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  
(IRS Employer Identification No.)

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 (see General Instruction A.2. below):

- 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))
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**Item 1.01. Entry into a Material Definitive Agreement.**

Effective January 31, 2017, Bacterin International, Inc. ("Bacterin"), a Nevada corporation and wholly-owned subsidiary of Xtant Medical Holdings, Inc. (the "Company"), as borrower, the Company, X-Spine Systems, Inc., an Ohio corporation and wholly-owned subsidiary of the Company, and Xtant Medical, Inc., a Delaware corporation and wholly-owned subsidiary of the Company, collectively as the guarantors, ROS Acquisition Offshore LP and OrbiMed Royalty Opportunities II, LP, entered into the Ninth Amendment to Amended and Restated Credit Agreement (the "Amendment"), which amended the existing Amended and Restated Credit Agreement (the "Facility"). The Facility generally provided for the refinancing of approximately \$24,000,000 in previously existing term loans and the borrowing of an additional \$18,000,000 by Bacterin.

Prior amendments to the Facility deferred Bacterin's accrued interest payment date for the fiscal quarter ended on December 31, 2016 until January 31, 2017. The Amendment further defers Bacterin's accrued interest payment date for the fiscal quarter ended until February 14, 2017. The interest due on February 14, 2017 will be \$1,107,244.19, plus interest accrued on such interest from January 2, 2017 until paid at a rate equal to 14% plus the higher of the LIBO Rate (as defined in the Facility) for the fiscal quarter ended on December 31, 2016, or 1%.

The foregoing description of the Amendment does not purport to be complete and is qualified in its entirety by reference to the Amendment, which is attached hereto as Exhibit 10.1, and is incorporated by reference herein.

**Item 2.03 Creation of Direct Financial Obligation or an Obligation Under an Off-Balance Sheet Arrangement.**

The disclosure set forth above under Item 1.01 is hereby incorporated by reference into this Item 2.03.

**Item 9.01. Financial Statements and Exhibits.**

(d) Exhibits.

**Exhibit No.      Description**

10.1            Ninth Amendment to Amended and Restated Credit Agreement, dated as of January 31, 2017, 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.

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**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.

Dated: February 1, 2017

**XTANT MEDICAL HOLDINGS, INC.**

By: /s/ John Gandolfo

Name: John Gandolfo

Title: Chief Financial Officer

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**EXHIBIT INDEX**

<b><u>Exhibit No.</u></b>	<b><u>Description</u></b>
10.1	Ninth Amendment to Amended and Restated Credit Agreement, dated as of January 31, 2017, 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.

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**NINTH AMENDMENT TO AMENDED AND RESTATED CREDIT AGREEMENT**

This **NINTH AMENDMENT TO AMENDED AND RESTATED CREDIT AGREEMENT** (this "Amendment") is made and entered into as of January 31, 2017 (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") and **XTANT MEDICAL, INC.**, a Delaware corporation ("Xtant") and, along with Holdings and X-Spine, collectively, the "Guarantors").

**WHEREAS**, the Borrower, 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, and that certain Eighth Amendment to Amended and Restated Credit Agreement, dated as of January 13, 2017 (the "Credit Agreement"), pursuant to which (i) ROS and Royalty Opportunities, as Lenders under the Credit Agreement, have extended credit to the Borrower on the terms set forth therein and (ii) each Lender has appointed ROS as the administrative agent (the "Administrative Agent") for the Lenders;

**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 Borrower 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 Borrower and the Administrative Agent (acting on behalf of the Lenders);

**WHEREAS**, the Borrower 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.

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2. **Amendments to Section 3.6.** Section 3.6 of the Credit Agreement is hereby amended by deleting the last sentence from such Section 8.4(b) in its entirety and inserting the following as the last sentence thereof:

“Notwithstanding the foregoing, interest accrued on the Loans for the Fiscal Quarter ended on December 31, 2016 and otherwise required to be paid in cash on January 2, 2017, shall instead be required to be paid in cash on February 14, 2017, plus interest accrued on such interest from January 2, 2017 to the date of payment thereof at a rate equal to the Applicable Margin plus the higher of (i) the LIBO Rate for the Fiscal Quarter ended on December 31, 2016, and (ii) 1.00%.”

3. **Conditions to Effectiveness of Amendment.** This Amendment shall become effective upon receipt by the Borrower, 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 Borrower, the Lenders, the Administrative Agent and the Guarantors.

4. **Expenses.** The Borrower agrees 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 Borrower and the Guarantors represent and warrant to each Lender as follows:

(a) After giving effect to this Amendment, the representations and warranties of the Borrower 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) After giving effect to this Amendment, no Default or Event of Default under the Credit Agreement 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 BORROWER, 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, 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 PUPORTED 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/ John Gandolfo  
Name: John Gandolfo  
Title: CFO

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

By: /s/ John Gandolfo  
Name: John Gandolfo  
Title: CFO

**X-SPINE SYSTEMS, INC.,**  
as a Guarantor

By: /s/ John Gandolfo  
Name: John Gandolfo  
Title: CFO

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

By: /s/ John Gandolfo  
Name: John Gandolfo  
Title: CFO

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*Signature Page to Ninth Amendment to A&R Credit Agreement*

**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/ Samuel D. Islay  
Name: Samuel D. Islay  
Title: Managing 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/ Samuel D. Islay  
Name: Samuel D. Islay  
Title: Managing Member

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*Signature Page to Ninth Amendment to A&R Credit Agreement*