

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): October 11, 2016

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 2.02 Results of Operating and Financial Condition

We are furnishing this Item 2.02 in connection with the disclosure of information, in the form of the textual information from a press release on October 11, 2016, entitled “Xtant Medical Pre-Announces Record Third Quarter 2016 Revenue” and filed as Exhibit 99.1 hereto.

The information in this Item 2.02 (including Exhibit 99.1 hereto) is being furnished pursuant to Item 2.02 and shall not be deemed to be “filed” for purposes of Section 18 of the Securities and Exchange Act of 1934, as amended (the “Exchange Act”), or otherwise subject to the liabilities of that section.

We do not have, and expressly disclaim, any obligation to release publicly any updates or any changes in our expectations or any change in events, conditions, or circumstances on which any forward-looking statement is based.

The text included with this report is available on our website located at www.xtantmedical.com, however the contents of our website are not incorporated by reference herein.

This Form 8-K contains forward-looking statements that are subject to various assumptions, risks and uncertainties. These forward-looking statements may include financial projections, revenue and earnings guidance and other statements or assumptions regarding our expectations and beliefs. The Company believes that its expectations, as expressed in these statements are based on reasonable assumptions regarding the risks and uncertainties inherent in achieving those expectations. These statements are not, however, guarantees of performance and actual results may differ materially. Risks and uncertainties which may cause actual results to be different than expressed or implied in our forward-looking statements include, but are not limited to, the risk factors described under the heading “Risk Factors” in our Annual Report on Form 10-K and Quarterly Reports on Form 10-Q. The Company expressly disclaims any current intention to update any forward-looking statements as a result of new information or future events or developments.

Item 9.01. Financial Statements and Exhibits.

- (d) Exhibits.

Exhibit No. Description

99.1 Press Release dated October 11, 2016 entitled “Xtant Medical Pre-Announces Record Third Quarter 2016 Revenue”

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: October 11, 2016

XTANT MEDICAL HOLDINGS, INC.

By: /s/ John Gandolfo

Name: John Gandolfo

Title: Chief Financial Officer

EXHIBIT INDEX

Exhibit No. Description

99.1 Press Release dated October 11, 2016 entitled "Xtant Medical Pre-Announces Record Third Quarter 2016 Revenue"

Xtant™ Medical Pre-Announces Record Third Quarter 2016 Revenue

*See footnote about the use of pro forma financial information

- o Record Third Quarter 2016 Revenue in the range of \$23.0 million to \$23.3 million
- o Third Quarter 2016 Revenue represents an increase of 10.0% to 11.5% compared to pro forma Third Quarter 2015 Revenue of \$20.9 million and a sequential increase of 7.2% to 8.6% compared to Second Quarter 2016 revenue

BELGRADE, Mont., Oct. 11, 2016 (GLOBE NEWSWIRE) -- Xtant Medical Holdings, Inc. (NYSE MKT:XTNT), a leader in the development of regenerative medicine products and medical devices, has pre-announced that its record Third Quarter 2016 revenue is expected to be in the range of \$23.0 million to \$23.3 million, a 10.0%-11.5% increase compared to pro forma third quarter of 2015 revenue and a 7.2%-8.6% sequential increase compared to the second quarter of 2016.

(\$000's)	Q3 2016		Q2 2016	Q3 2015*
	Low	High	Actual Results	Pro Forma Results
Revenue	\$ 23,000	\$ 23,300	\$ 21,462	\$ 20,902*
Q-Q Growth	7.2%	8.6%		
Y-Y Growth	10.0%	11.5%		

*Pro Forma Results

*Use of Pro Forma Financial Information

On July 31, 2015, Bacterin International Holdings, Inc. acquired all of the issued and outstanding stock of X- Spine Systems, Inc. and the combined company was renamed Xtant Medical Holdings, Inc. Except for the financial results for the three months ended June 30, 2016, the results presented are on a pro forma basis as if the two companies were combined for the periods shown. Certain pro forma adjustments have been made to reflect the impact of the purchase transaction, primarily consisting of amortization of intangible assets with determinable lives and interest expense on long-term debt. In addition, certain historical expenses, such as warrant expense and interest expense associated with debt that was immediately repaid, were eliminated from these pro forma results. The pro forma information does not necessarily reflect the actual results of operations had the acquisition been consummated at the beginning of the fiscal reporting period indicated nor is it indicative of future operating results. The pro forma information does not include any adjustment for potential revenue enhancements, cost synergies or other operating efficiencies that could result from the acquisition.

Additional information regarding the business combination and its impact on the Company's financial position will be set forth in the Company's Form 10-Q for the quarter ended September 30, 2016, which will be filed with the Securities and Exchange Commission November, 2016 and will include the Company's audited consolidated financial statements as of and for the quarters ended September 30, 2016 and September 30, 2015.

About Xtant Medical Holdings

Xtant Medical develops, manufactures and markets class-leading 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, 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

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 that are subject to significant risks and uncertainties. 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," "efforts," "expects," "anticipates," "intends," "plans," "believes," "estimates," "projects," "forecasts," "strategy," "will," "goal," "target," "prospects," "potential," "optimistic," "confident," "likely," "probable" or similar expressions or the negative thereof. Statements of historical fact also may be deemed to be forward-looking statements. We caution 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: our ability to integrate the acquisition of X-spine Systems, Inc. and any other business combinations or acquisitions successfully; our ability to remain listed on the NYSE MKT; our ability to obtain financing on reasonable terms; our ability to increase revenue; our ability to comply with the covenants in our credit facility; our ability to maintain sufficient liquidity to fund our operations; the ability of our sales force to achieve expected results; our ability to remain competitive; government regulations; our ability to innovate and develop new products; our ability to obtain donor cadavers for our products; our ability to engage and retain qualified technical personnel and members of our management team; the availability of our facilities; government and third-party coverage and reimbursement for our products; our ability to obtain regulatory approvals; our ability to successfully integrate recent and future business combinations or acquisitions; our ability to use our net operating loss carry-forwards to offset future taxable income; our ability to deduct all or a portion of the interest payments on the notes for U.S. federal income tax purposes; our ability to service our debt; product liability claims and other litigation to which we may be subjected; product recalls and defects; timing and results of clinical studies; our ability to obtain and protect our intellectual property and proprietary rights; infringement and ownership of intellectual property; our ability to remain accredited with the American Association of Tissue Banks; influence by our management; our ability to pay dividends; our ability to issue preferred stock; and other factors.

Additional risk factors are listed in the Company's Annual Report on Form 10-K and Quarterly Reports on Form 10-Q under the heading "Risk Factors." You should carefully consider the trends, risks and uncertainties described in this document, the Form 10-K and other reports filed with or furnished to the SEC before making any investment decision with respect to our securities. If any of these trends, risks or uncertainties actually occurs or continues, our business, financial condition or operating results could be materially adversely affected, the trading prices of our securities could decline, and you could lose all or part of your investment. 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 us or persons acting on our behalf are expressly qualified in their entirety by this cautionary statement.

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