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): ${\bf October}~{\bf 23,\,2023}$

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 (1	7 CFR 240.14d-2(b))	
☐ Pre-commencement communications pursuant to Rule 13e-4(c) under the Exchange Act (17 CFR 240.13e-4(c))			
Securities registered pursuant to Section 12(b) of the Act:			
Title of each class	Trading Symbol(s)	Name of each exchange on which registered	
Common stock, par value \$0.000001 per share	XTNT	NYSE American LLC	
Indicate by check mark whether the registrant is an emerging growth company as defined in Rule 405 of the Securities Act of 1933 (§230.405 of this chapter) or Rule 12b-2 of the Securities Exchange Act of 1934 (§240.12b-2 of this chapter).			
Emerging growth company \square			

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. \Box

Item 7.01. Regulation FD Disclosure.

On October 23, 2023, Xtant Medical Holdings, Inc. (the "Company") issued a press release announcing the acquisition described in Item 8.01 of this Current Report on Form 8-K. A copy of the press release is furnished as Exhibit 99.1 to this Current Report on Form 8-K and is incorporated herein by reference.

The information contained in this Item 7.01 and Exhibit 99.1 to this Current Report on Form 8-K shall not be deemed "filed" for purposes of Section 18 of the Securities Exchange Act of 1934, as amended (the "Exchange Act"), or otherwise subject to the liabilities of that section, nor shall it be deemed incorporated by reference in any filing under the Securities Act of 1933, as amended, or the Exchange Act, except as expressly provided by specific reference in such a filing.

Item 8.01 Other Events.

On October 23, 2023, the Company acquired the nanOss production operations from RTI Surgical, Inc. ("RTI") pursuant to an Asset Purchase Agreement dated October 23, 2023 between the Company and RTI (the "Asset Purchase Agreement"). Under the terms of the Asset Purchase Agreement, the Company acquired certain assets, including equipment and inventory, used in RTI's synthetic bone graft business and assumed from RTI the lease for the nanOss production facility located in Greenville, North Carolina. The purchase price for the assets was \$2 million in cash plus contingent payments based on future sales of next generation nanOss products. The Company previously acquired nanOss distribution rights and nanOss intellectual property with the acquisition of assets related to the biologics and spinal fixation business of Surgalign Holdings, Inc. in August 2023.

Item 9.01 Financial Statements and Exhibits.

(d) Exhibits.

Exhibit No.	Description		
99.1	Press Release of Xtant Medical Holdings, Inc. dated October 23, 2023 entitled "Xtant Medical Announces Acquisition of nanOss		
	Production Operations From RTI Surgical" (furnished herewith)		
104	Cover Page Interactive Data File (embedded within the Inline XBRL document)		

SIGNATURES

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/ Scott Neils

Scott Neils Chief Financial Officer

Dated: October 23, 2023



Xtant Medical Announces Acquisition of nanOss Production Operations from RTI Surgical

Expands Xtant's Manufacturing Capabilities and Capacity to Drive Growth

BELGRADE, MT, October 23, 2023 – Xtant Medical Holdings, Inc. (NYSE American: XTNT), a global medical technology company focused on surgical solutions for the treatment of spinal disorders, today announced that it has acquired the nanOss production operations from RTI Surgical, Inc., a leading CDMO in regenerative medicine.

Under the terms of the purchase agreement, Xtant acquired certain assets, including equipment and inventory, used in RTI's synthetic bone graft business, and assumed from RTI the lease for the nanOss production facility located in Greenville, NC. The purchase price for the assets was \$2 million in cash plus contingent payments based on future sales of next generation nanOss products. Xtant previously acquired nanOss distribution rights and nanOss intellectual property with the acquisition of Surgalign's assets related to its biologics and spinal fixation business in August 2023.

"nanOss is an important part of our total orthobiologics offering, and having full control over this product line enables us to begin the process of reviving and growing it," said Sean Browne, Chief Executive Officer of Xtant Medical. "This deal satisfies each element of our acquisition criteria and positions us to improve our manufacturing capabilities, capacity and cash flows."

About Xtant Medical Holdings, Inc.

Xtant Medical Holdings, Inc. (www.xtantmedical.com) is a global medical technology company focused on the design, development, and commercialization of a comprehensive portfolio of orthobiologics and spinal implant systems to facilitate spinal fusion in complex spine, deformity and degenerative procedures. Xtant people are dedicated and talented, operating with the highest integrity to serve our customers.

The symbols ™ and ® denote trademarks and registered trademarks of Xtant Medical Holdings, Inc. or its affiliates, registered as indicated in the United States, and in other countries. All other trademarks and trade names referred to in this release are the property of their respective owners.

Cautionary Statement Regarding Forward-Looking Statements

This press release contains 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 "intends," "expects," "anticipates," "plans," "believes," "estimates," "continue," "future," "will," "potential," similar expressions or the negative thereof, and the use of future dates. Forward-looking statements in this release include the Company's expectations regarding the revival and growth of the nanOss product line and the improvement of its manufacturing capabilities, capacity and cash flows. The Company cautions that its forward-looking 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 failure by the Company to achieve anticipated revenue and any cost or revenue synergies expected from the RTI transaction or delays in the realization thereof; delays and challenges in integrating the nanOss product line and manufacturing operations with the Company's business; the Company's future operating results and financial performance; its ability to increase or maintain revenue; risks associated with the acquisition of the nanOss production operations and prior acquisitions; possible future impairment charges to long-lived assets and goodwill and write-downs of excess inventory if revenues decrease; the ability to remain competitive; the ability to innovate, develop and introduce new products; the ability to engage and retain new and existing independent distributors and agents and qualified personnel and the Company's dependence on key independent agents for a significant portion of its revenue; the effect of COVID-19, labor and hospital staffing shortages on the Company's business, operating results and financial condition, especially when they affect key markets; the Company's ability to implement successfully its future growth initiatives and risks associated therewith; the effect of inflation, increased interest rates and other recessionary factors and supply chain disruptions; the effect of product sales mix changes on the Company's financial results; government and third-party coverage and reimbursement for Company products; the ability to obtain and maintain regulatory approvals and comply with government regulations; the effect of product liability claims and other litigation to which the Company may be subject; the effect of product recalls and defects; 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, comply with its debt covenants and access additional indebtedness; the ability to obtain additional financing on favorable terms or at all; and other factors. Additional risk factors are contained in the Company's Annual Report on Form 10-K for the year ended December 31, 2022 filed with the SEC on March 7, 2023 and subsequent SEC filings by the Company, including its Quarterly Report on Form 10-Q for the quarterly period ended June 30, 2023 filed with the SEC on August 1, 2023. Investors are encouraged to read the Company's filings with the SEC, available at 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

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