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): August 9, 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)

provisions (<u>see</u> 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))
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 \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 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 August 9, 2017 entitled "Xtant Medical Reports Second Quarter 2017 Financial Results" and attached 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 Exchange Act of 1934, as amended, 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 7.01 Regulation FD Disclosure.

As disclosed in Item 2.02 above, the Company issued a press release on August 9, 2017 entitled "Xtant Medical Reports Second Quarter 2017 Financial Results" and attached as Exhibit 99.1 hereto.

The information in this Item 7.01 and the document attached as Exhibit 99.1 are being furnished and shall not be deemed "filed" for purposes of Section 18 of the Securities and Exchange Act of 1934, as amended (the "Exchange Act"), nor otherwise subject to the liabilities of that section, nor incorporated by reference in any filing under the Securities Act of 1933 or the Exchange Act, except as shall be expressly set forth by specific reference in such a filing.

Item 9.01. Financial Statements and Exhibits.

(d) Exhibits.

Exhibit No. Description

99.1 Press Release of Xtant Medical Holdings, Inc. dated August 9, 2017 entitled "Xtant Medical Reports Second Quarter 2017 Financial Results."

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: August 10, 2017

XTANT MEDICAL HOLDINGS, INC.

By: /s/ John Gandolfo

Name: John Gandolfo

Title: Chief Financial Officer

EXHIBIT INDEX

Exhibit No.	<u>Description</u>
99.1	Press Release of Xtant Medical Holdings, Inc. dated August 9, 2017 entitled "Xtant Medical Reports Second Quarter 2017 Financial Results."

Xtant Medical Reports Second Quarter 2017 Financial Results

Company Continues to Take Steps During Restructuring to Build for Future Growth

BELGRADE, Mont., August 9, 2017 (GLOBE NEWSWIRE) -- XtantTM Medical Holdings, Inc. (NYSE American: XTNT), a leader in the development of regenerative medicine products and medical devices, today reported its financial results for the quarter ended June 30th, 2017. The Company reported Second Quarter 2017 revenue of approximately \$21.4 million and an EBITDA loss of approximately (\$2.1) million for the period.

Revenue

Consolidated second quarter 2017 revenue was approximately \$21.4 million, a slight decrease compared to revenue of approximately \$21.5 million for the same period of 2016. The slight decrease was due to an 20.5% increase in biologic revenue offset by a 18.4% decrease in fixation revenue compared to second quarter 2016 revenue.

Gross Profit

Consolidated gross profit for the second quarter of 2017 was \$13.5 million or 63.2% of revenues, compared to gross profit of \$14.7 million or 68.5% of revenues for the first quarter of 2016. The decrease in gross margin was primarily due to lower fixation revenue and lower fixation product margin compared to prior periods. In addition, the Company recorded a charge of approximately \$304,000 for excessive wear and tear on fixation instruments and \$159,000 for discarded biologics inventory about to expire.

Sales and Marketing Expenses

Consolidated second quarter 2017 sales and marketing expenses increased to \$11.1 million, compared to sales and marketing expenses of \$10.4 million during the same period in 2016. For the quarter, sales and marketing as a percentage of revenues increased to 52.0% compared to 48.6% in the second quarter of 2016. The increase was primarily driven by increased commissions from revenue derived from distributors who have higher contracted commissions rates.

General and Administrative Expenses

In the second quarter of 2017, consolidated general and administrative expenses increased to \$4.5 million, compared to general and administrative expenses of \$3.9 million for the same period during the prior year. As a percentage of revenues, general and administrative expenses were 21.1% during the period, compared to 18.2% for the same period of 2016. The increase was primarily due to increased professional fees and a \$214,000 charge for contributions to employee benefit plans. In addition, the Company incurred additional insurance expense of \$142,000 compared to the second quarter of 2016.

Net Income / Loss

Second quarter 2017 consolidated net loss increased to (\$9.7) million, compared to a net loss of (\$4.5) million reported during the year-ago period. Second quarter 2017 consolidated loss per share was (\$0.54), compared to a loss per share of (\$0.37) in the second quarter of 2016. The second quarter 2017 net loss includes approximately \$1.5 million included in Other Expense for professional fees incurred in connection with the Company's potential restructuring and approximately \$3.3 million of Interest Expense on the Company's debt instruments.

EBITDA

The Company defines earnings before interest, taxes, depreciation and amortization ("EBITDA") as net income/loss from operations before depreciation, amortization, impairment charges, non-recurring expenses and non-cash stock-based compensation. Consolidated EBITDA for the second quarter of 2017 was a loss of approximately (\$2.1) million compared to a gain of \$253,000 for the same period during 2016 due largely to the decrease in gross profit and increase in sales and marketing expenses noted above.

Financial Liquidity

Cash on hand as of June 30, 2017, was \$1.7 million, as compared to \$2.6 million as of December 31, 2016. Net working capital as of June 30, 2017, decreased to \$17.9 million, as compared to \$21.6 million as of December 31, 2016.

Conference Call to be Held August 10, 2017

An accompanying listen-only conference call will be hosted by Carl O'Connell, Chief Executive Officer, and John Gandolfo, Chief Financial Officer, to discuss the results. The call will be held at 10:00 AM ET, on August 10, 2017. Please refer to the information below for conference call dial-in information and webcast registration.

Conference date: August 10, 2017, 10:00 AM ET

Conference dial-in: 877-269-7756 International dial-in: 201-689-7817

Conference Call Name: Xtant Medical's Second Quarter 2017 Results Call

Webcast Registration: Click Here

Following the live call, a replay will be available on the Company's website, www.xtantmedical.com, under "Investor Info."

About Xtant™ Medical Holdings, Inc.

Xtant Medical Holdings, Inc. (NYSE MKT: XTNT) develops, manufactures and markets class-leading regenerative medicine products and medical devices for domestic and international markets. Xtant 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 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: the ability to comply with covenants in the Company's senior credit facility and to make deferred interest payments; the ability to maintain sufficient liquidity to fund operations; the ability to remain listed on the NYSE MKT; the ability to obtain financing on reasonable terms; the ability to increase revenue; the ability to continue as a going concern; the ability to maintain sufficient liquidity to fund operations; the ability to achieve expected results; the ability to remain competitive; government regulations; the ability to innovate and develop new products; the ability to obtain donor cadavers for products; the ability to engage and retain qualified technical personnel and members of the Company's management team; the availability of Company facilities; government and third-party coverage and reimbursement for Company products; the ability to obtain regulatory approvals; the ability to successfully integrate recent and future business combinations or acquisitions; the ability to use net operating loss carry-forwards to offset future taxable income; the ability to deduct all or a portion of the interest payments on the notes for U.S. federal income tax purposes; the ability to service Company debt; 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; infringement and ownership of intellectual property; the ability to remain accredited with the American Association of Tissue Banks; influence by Company management; the ability to pay dividends; and the 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." 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.

Contact: CG CAPITAL 877.889.1972 investorrelations@cg.capital

cg.capital

XTANT MEDICAL HOLDINGS, INC. CONDENSED CONSOLIDATED STATEMENTS OF OPERATIONS (Unaudited)

	 Three Months 2017	s Ended June 30, 2016		Six Months E 2017		Ended June 30, 2016	
Revenue							
Orthopedic product sales	\$ 21,371,030	\$	21,311,322	\$	43,367,345	\$	42,119,357
Other revenue	 37,130		150,248		123,484		319,548
Total Revenue	21,408,160		21,461,570		43,490,829		42,438,905
Cost of sales	 7,880,639		6,758,071	_	14,438,241		13,635,338
Gross Profit	 13,527,521		14,703,499		29,052,588		28,803,567
Operating Expenses							
General and administrative	4,526,543		3,899,280		8,654,811		7,383,992
Sales and marketing	11,137,082		10,420,028		22,134,101		20,932,994
Research and development	640,045		783,897		1,338,680		1,683,472
Depreciation and amortization	1,469,603		1,216,696		2,750,568		2,425,030
Acquisition and integration related expenses	_		450,755		_		752,528
Separation related expenses	380,548		_		604,920		_
Non-cash consulting expense	91,857		55,296		236,580		110,592
Total Operating Expenses	 18,245,678		16,825,952	_	35,719,660	_	33,288,608
Loss from Operations	 (4,718,157)		(2,122,453)		(6,667,072)		(4,485,041)
Other Income (Expense)							
Interest expense	(3,328,262)		(2,984,186)		(6,728,651)		(5,811,361)
Change in warrant derivative liability	(13,798)		477,639		156,233		496,329
Other income (expense)	 (1,632,612)		166,425		(1,620,268)	_	(258,574)
Total Other Income (Expense)	 (4,974,672)		(2,340,122)		(8,192,686)		(5,573,606)
Net Loss from Operations	\$ (9,692,829)	\$	(4,462,575)	\$	(14,859,758)	\$	(10,058,647)
Net loss per share:							
Basic	\$ (0.54)	\$	(0.37)	\$	(0.82)	\$	(0.84)
Dilutive	\$ (0.54)	\$	(0.37)	\$	(0.82)	\$	(0.84)
Shares used in the computation:							
Basic	18,092,603		12,101,356		18,012,959		11,999,478
Dilutive	18,092,603		12,101,356		18,012,959		11,999,478

XTANT MEDICAL HOLDINGS, INC. CONDENSED CONSOLIDATED BALANCE SHEETS

	As of June 30, 2017 (unaudited)	1	As of December 31, 2016
ASSETS	<u> </u>		
Current Assets:			
Cash and cash equivalents	\$ 1,664,543	\$	2,578,267
Trade accounts receivable, net of allowance for doubtful accounts of \$1,923,287 and			
\$1,653,385, respectively	15,847,142		18,991,872
Current inventories, net	24,932,155		26,266,457
Prepaid and other current assets	831,239		1,149,615
Total current assets	 43,275,079		48,986,211
Non-current inventories, net	641,124		971,854
Property and equipment, net	14,037,043		15,840,730
Goodwill	41,534,626		41,534,626
Intangible assets, net	33,672,915		35,940,810
Other assets	1,133,331		827,374
outer describ	 1,150,551		027,871
Total Assets	\$ 134,294,118	\$	144,101,605
LIABILITIES & STOCKHOLDERS' DEFICIT			
Current Liabilities:			
Accounts payable	\$ 8,446,454	\$	10,471,944
Accounts payable - related party	291,785		640,442
Revolving line of credit	_		10,448,283
Accrued liabilities	11,627,528		8,982,187
Warrant derivative liability	177,380		333,613
Current portion of capital lease obligations	302,064		244,847
Total current liabilities	 20,845,211		31,121,316
Long-term Liabilities:			
Capital lease obligation, less current portion	747,000		832,152
Long-term convertible debt, less issuance costs	70,708,939		68,937,247
Long-term debt, less issuance costs	63,285,428		50,284,187
Total Liabilities	155,586,578		151,174,902
Constitution of Continues in			
Commitments and Contingencies Stockholders' Deficit:			
Preferred stock, \$0.000001 par value; 5,000,000 shares authorized; no shares issued and			
Outstanding			
Common stock, \$0.000001 par value; 95,000,000 shares authorized; 18,092,603 shares	_		_
issued and outstanding as of June 30, 2017 and 17,249,315 shares issued and			
outstanding as of December 31, 2016	18		17
Additional paid-in capital	86,101,803		85,461,210
Accumulated deficit	(107,394,281)		(92,534,524)
Total Stockholders' Deficit	 (21,292,460)		(7,073,297)
Total Glocalioners Delicit	 (21,232,400)		(7,073,237)
Total Liabilities & Stockholders' Deficit	\$ 134,294,118	\$	144,101,605

XTANT MEDICAL HOLDINGS, INC. CONDENSED CONSOLIDATED STATEMENTS OF CASH FLOWS

(Unaudited)

	Six Months Ended June 30,					
	2017			2016		
Operating activities:						
Net loss	\$	(14,859,758)	\$	(10,058,647)		
Adjustments to reconcile net loss to net cash used in operating activities:						
Depreciation and amortization		4,029,851		3,649,361		
Non-cash interest		6,211,365		2,541,890		
Loss on disposal of fixed assets		878,251				
Non-cash consulting expense/stock option expense		397,174		271,374		
Provision for losses on accounts receivable and inventory		538,890		432,781		
Change in derivative warrant liability		(156,233)		(496,329)		
Changes in operating assets and liabilities:						
Accounts receivable		2,544,399		207,934		
Inventories		1,726,473		(2,673,670)		
Prepaid and other assets		12,417		(708,693)		
Accounts payable		(2,374,147)		3,652,113		
Accrued liabilities		63,235		(4,568,572)		
Net cash used in operating activities		(988,083)		(7,750,458)		
		· ·				
Investing activities:						
Purchases of property and equipment and intangible assets		(836,517)		(4,369,562)		
Net cash used in investing activities		(836,517)		(4,369,562)		
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Financing activities:						
Proceeds from long-term debt		11,387,094		_		
Payments on capital leases		(27,935)		(49,428)		
Proceeds from the issuance of Convertible Debt		_		2,238,166		
Proceeds from Revolving Line of Credit		_		5,480,671		
Payments on Revolving Line of Credit		(10,448,283)		<u> </u>		
Net proceeds from issuance of stock		_		300,000		
Net cash provided by financing activities		910,876		7,969,409		
		510,070		7,505,105		
Net change in cash and cash equivalents		(913,724)		(4,150,611)		
- · · · · · · · · · · · · · · · · · · ·		(010,71)		(.,130,011)		
Cash and cash equivalents at beginning of period		2,578,267		6,368,016		
Cash and cash equivalents at end of period	\$	1,664,543	\$	2,217,405		
	Ψ	1,004,545	Ψ	2,217,700		

XTANT MEDICAL HOLDINGS, INC. Calculation of Consolidated EBITDA for the Periods Ended June 30, 2017 and 2016

(Unaudited)

	For the three months	ended June 30,	For the six months ended June 30,		
	2017	2016	2017	2016	
Net Loss	(9,692,829)	(4,462,575)	(14,859,758)	(10,058,647)	
Tax (Benefit) Provision	_	_	_	_	
Other (Income) Expense	1,632,612	(166,426)	1,620,268	258,574	
Change in warrant derivative liability	13,798	(477,639)	(156,233)	(496,329)	
Interest expense	3,328,262	2,984,186	6,728,651	5,811,361	
Separation related expenses	380,548	_	604,920	_	
Acquisition and Integration related expenses	_	450,756	_	752,529	
Non-Cash Compensation	91,857	55,296	236,580	110,592	
Depreciation & Amortization	2,168,104	1,869,375	4,239,441	3,649,361	
EBITDA Gain (Loss)	(2,077,648)	252,973	(1,586,131)	27,441	