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): April 2, 2018

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))

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 \Box

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.

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 April 2, 2018, entitled "Xtant Announces Fourth Quarter and Year End 2017 Financial Results" 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 <u>www.xtantmedical.com</u>, 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. We believe that our 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. We expressly disclaim 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) <u>Exhibits</u>.
- Exhibit No. Description

99.1 Press Release dated April 2, 2018 entitled "Xtant Announces Fourth Quarter and Year End 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: April 3, 2018

XTANT MEDICAL HOLDINGS, INC.

By: /s/ Carl D. O'Connell Name: Carl D. O'Connell Title: Chief Executive Officer

Exhibit No. Description 99.1 Press Release dated April 2, 2018 entitled "Xtant Announces Fourth Quarter and Year End 2017 Financial Results"

Xtant Announces Fourth Quarter and Year End 2017 Financial Results

BELGRADE, Mont., April 2, 2018 (GLOBE NEWSWIRE) -- Xtant[™] 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 period ended December 31st, 2017.

"2017 represented a significant year for the Company as we completed transformational restructuring activities that were necessary for the future growth of Xtant Medical," said Carl O'Connell, Chief Executive Officer, "Our team has worked with focused effort towards repositioning Xtant for operational excellence. We made improvements to our sales structure and channel for long-term success, and continue to stay keenly focused on differentiating our sales approach by adding talent in key markets. I am pleased with the work we have achieved, and look forward to leading this Company through this next era of profitable performance."

Revenue

Consolidated fourth quarter 2017 revenue was approximately \$19.3 million, compared to consolidated revenue of approximately \$24.5 million for the same period during 2016.

Annual consolidated revenue for 2017 was approximately \$82.6 million, compared to consolidated revenue of approximately \$90.0 million in 2016. While the Company achieved above-market growth in biologics revenue, the decline in total revenue was due to decreased hardware sales. This was due in part to an aging hardware product line and the termination of some stocking reseller agreements and independent distributor agreements with poor contribution margins, thus allowing the company to focus on more profitable sales channels moving forward.

Gross Profit

Consolidated gross profit for the fourth quarter of 2017 was approximately \$10.3 million or 53.2% of revenues, compared to gross profit of approximately \$17.5 million or 71.6% of revenues for the fourth quarter of 2016. The shift in gross margin as a percentage of revenue is primarily due to a total charge of \$2.5 million, or 12.7% of revenues, related to additional reserves for estimated excess inventory and inventory on consignment that may be missing and not returned, as well as impairment charges for estimated missing and damaged consigned surgical instruments. The remaining shift in gross margin compared to the prior year is due to a change in sales mix to biologics which has a lower margin than fixation products.

For the year, consolidated gross profit was approximately \$50.1 million, compared with 2016 consolidated gross profit of approximately \$62.3 million. Gross margin for the year was 60.6%, compared to 2016 gross margin of 69.2%. The impact of increased inventory reserves and surgical instrument impairment, as noted above, was a decline in gross profit of \$4.0 million for the full year of 2017. In addition, a reserve of \$0.9 million was recorded in 2017 for additional inventory reserves and surgical instrument impairment related to litigation with a distributor. The impact of these additional reserves reduced gross margin by 6.0% for the year. The remaining reduction in gross profit is primarily due to a shift in the sales mix towards biologics which have a lower gross margin than fixation products.

General and Administrative Expenses

In the fourth quarter, consolidated general and administrative expenses decreased to approximately \$3.3 million as compared to approximately \$4.5 million reported for the same period of 2016. As a percentage of revenues, general and administrative expenses were 17.2% during the fourth quarter of 2017 as compared to 18.6% for the same period during 2016. The expense reduction in the fourth quarter is a result of cost containment, primarily attributable to reduction in personnel cost and rental facilities, as part of the Company-wide initiatives in 2017 to improve profitability.

Full-year 2017 consolidated general and administrative expenses decreased to approximately \$15.2 million as compared with approximately \$15.8 million reported during the prior year. As a percentage of revenues, general and administrative expenses decreased to 18.5% in 2017 as compared to 19.1% for 2016. This reduction in the general and administrative expense structure is due to personnel costs and occupancy expenses offset by a net receivable reserve of \$414,174 in 2017 related to litigation with a distributor.

Sales and Marketing Expenses

Fourth quarter 2017 consolidated sales and marketing expenses decreased to approximately \$9.5 million, as compared to approximately \$11.9 million during the same period in 2016. For the fourth quarter, sales and marketing as a percentage of revenues was 49.0% compared to 48.8% of revenue in 2016.

For the year, consolidated sales and marketing expenses declined 8.0% to approximately \$40.5 million for 2017, as compared to 2016 of approximately \$44.1 million. As a percentage of revenues, sales and marketing expenses were 49.0% compared to 48.9% reported for 2016.

Sales and marketing expense fluctuates with the level of revenue as commissions expense is the main component of this expense category.

Other Operating Expenses

In the fourth quarter, the Company evaluated its acquired intangible assets and recorded an impairment of \$17.6 million.

Restructuring costs were incurred by the Company in 2017 related to the recapitalization of the Company and performance improvement measures. Restructuring costs were \$1.9 million in the fourth quarter and \$4.7 million for the year ended December 31, 2017.

During the fourth quarter, the Company incurred \$0.5 million in separation related expenses related to reduction in personnel, primarily related to the wind down of its Miamisburg, Ohio facility. For the year ended December 31, 2017, the Company incurred \$1.9 million in separation costs related to this winddown effort and other reductions in personnel related to its initiatives to reduce costs and improve profitability.

Net Loss

On February 13, 2018, the Company implemented a 1:12 reverse stock split. All per share information noted below and in the attached financial tables has been adjusted for this reverse stock split.

Fourth quarter 2017 consolidated net loss was approximately \$28.4 million, compared to fourth quarter consolidated net loss of approximately \$4.5 million in 2016. Fourth quarter 2017 consolidated loss per share was \$18.76 compared to fourth quarter 2016 consolidated loss per share of \$3.76. The increase in the net loss was impacted by a total of \$22.0 million in additional expense related to impairment charges, restructuring costs, severance related expenses, additional interest expense, and other non-recurring expenses. In addition, the Company recorded additional inventory reserves of \$1.9 million in the fourth quarter related to excess inventory and consigned inventory which may not be recoverable.

For the full-year 2017, the Company had a net loss of approximately \$52.4 million compared to a net loss of approximately \$19.5 million for 2016. Net loss per share for 2017 was \$34.76 per share compared to a net loss per share of \$18.46 for 2016. The increase in net loss was impacted by \$29.4 million of net additional expense related to asset impairment charges, restructuring costs, additional interest expense, litigation reserves, and other one-time costs. In addition, in 2017, the Company recorded \$2.4 million in additional inventory reserves related to excess inventory and consigned inventory which may not be recoverable.

Adjusted EBITDA

The Company defines adjusted earnings before interest, taxes, depreciation and amortization ("Adjusted EBITDA") as net income/loss from operations before depreciation, amortization, impairment charges, non-recurring expenses and non-cash stock-based compensation.

Consolidated Adjusted EBITDA for the fourth quarter of 2017 was approximately (\$1.1) million compared to approximately \$0.7 million in the fourth quarter of 2016.

Full-year 2017 Adjusted EBITDA was approximately (\$1.9) million compared to 2016 of approximately \$1.6 million.

The lower Adjusted EBITDA for the fourth quarter and year ended December 31, 2017, is the result of lower sales revenue, and the impact of inventory reserves taken in the fourth quarter of \$1.9 million and \$2.7 million for the full year 2017.

Financial Liquidity and Capitalization

As previously announced, the Company completed a reverse stock split of 1:12 on February 14, 2018 in addition to a conversion of its convertible debt into equity, and a private placement of common stock, which net of expense, increased the Company's liquidity by \$4.8 million. In addition, the Company's credit facility has been amended and the Company contemplates a stockholder rights offering in the near future. Further information on these events can be found in the Company's Form 8K's filed on February 13 and February 15, 2018, and its S-1 Registration Statement filed on February 7, 2018.

As a result of the restructuring transactions noted above, the Company believes that its December 31, 2017 cash on hand, accounts receivable of approximately \$15.6 million, along with proceeds of the private placement, anticipated net operating cash receipts and availability under its credit facility are sufficient to meet anticipated cash requirements through March 31, 2019.

Conference Call to be Held April 3rd, 2018

An accompanying listen-only conference call will be hosted by Carl O'Connell, Chief Executive Officer, to discuss the results. The call will be held at 9:00 AM ET, on April 3, 2018. Please refer to the information below for conference call dial-in information and webcast registration.

Conference date: April 3, 2018, 9:00 AM ET Conference dial-in: 877-269-7756 International dial-in: 201-689-7817 Conference Call Name: Xtant Medical's Fourth 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 American: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; the ability to increase revenue; 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 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." 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 forwardlooking 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.

XTANT MEDICAL HOLDINGS, INC. Consolidated Statements of Operations All dollars herein (000's) except per share amounts

		Twelve Mor Deceml	oer 31,		Three Months Ended December 31,						
	2017 Amount % of Revenue		20		201		2016				
Revenue	Amount	% of Revenue	Amount	% of Revenue	Amount	% of Revenue	Amount	% of Revenue			
Orthopedic product sales	\$ 82,513	99.9%	89,388	99.3%	\$ 19,528	101.0%	24,362	99.6%			
Othopedic product sales	\$ 02,513 99	0.1%		0.7%	(195)	-1.0%	24,302	0.4%			
			615								
Total Revenue	82,612	100.0%	90,003	100.0%	19,333	100.0%	24,471	100.0%			
Cost of sales	32,511	39.4%	27,710	30.8%	9,039	46.8%	6,961	28.4%			
Gross Profit	50,101	60.6%	62,293	<u> </u>	10,294	<u> </u>	17,510	<u>71.6</u> %			
Operating Expenses											
General and administrative	15,246	18.5%	15,763	17.5%	3,325	17.2%	4,546	18.6%			
Sales and marketing	40,512		44,056	48.9%	9,474	49.0%	11,940	48.8%			
Research and development	2,441	3.0%	3,411	3.8%		3.1%	798	3.3%			
Depreciation and amortization	5,485		4,941	5.5%	1,381	7.1%	1,250	5.1%			
Acquisition and integration related expenses	-	0.0%	1,401	1.6%	_,	0.0%	132	0.5%			
Impairment intangible assets	17,586		_,	0.0%	17,586	91.0%		0.0%			
Restructuring expenses	4,680			0.0%	1,853	9.6%	-	0.0%			
Separation related expenses	1,901	2.3%	-	0.0%	505	2.6%	-	0.0%			
Non-cash consulting expense	85	0.1%	267	0.3%	(132)	-0.7%	-	0.0%			
Total Operating Expenses	87,936	106.4%	69,839	77.6%	34,590	178.9%	18,666	76.3%			
Loss from Operations	(37,835) -45.8%	(7,546)	-8.4%	(24,296)	-125.7%	(1,156)	-4.7%			
	(07,000		(7,540)		(24,230)	120.7	(1,100)				
Other Income (Expense)											
Interest expense	(14,705) -17.8%	(12,263)	-13.6%	(4,166)	-21.5%	(3,288)	-13.4%			
Change in warrant derivative liability	203		717		66		-				
Other income (expense)	(75) <u>-0.1</u> %	(352)	-0.4%	(11)	-0.1%	(42)	-0.2%			
Total Other Income (Expense)	(14,577) <u>-17.6</u> %	(11,898)	-13.2%	- (1,361)	-7.0%	(3,330)	-13.6%			
Net Loss from Operations	\$ (52,411) -63.4%	\$ (19,443)	-21.6%	\$ (28,420)	-147.0%	\$ (4,487)	-18.3%			
	φ (52,411		φ (15,445)		φ <u>(20,420</u>)	147.0	<u>\$ (4,407</u>)	10.0			
Net loss per share:											
Basic	\$ (34.76		\$ (18.46)		\$ (18.76)		\$ (3.76)				
Dilutive	\$ (34.76)	\$ (18.46)		\$ (18.76)		\$ (3.76)				
Shares used in the computation:											
Basic	1,507,769		1,055,974		1,514,501		1,206,600				
Dilutive	1,507,769		1,055,974		1,514,501		1,206,600				

XTANT MEDICAL HOLDINGS, INC. **CONSOLIDATED BALANCE SHEETS** *All dollars herein (000's) except per share amounts

	As of December 31, 2017		As of December 31, 2016		
ASSETS					
Current Assets:					
Cash and cash equivalents	\$	2,856	\$	2,578	
Trade accounts receivable, net of allowance for doubtful accounts of \$2,135 and \$1,653, respectively		12,714		18,992	
Current Inventories, net		22,229		26,266	
Prepaid and other current assets		1,706		1,150	
Total current assets		39,505		48,986	
Non-current inventories, net		194		972	
Property and equipment, net		9,913		15,841	
Goodwill		41,535		41,535	
Intangible assets, net		13,826		35,941	
Other assets		731		827	
Total Assets	\$	105,705	\$	144,102	
LIABILITIES & STOCKHOLDERS' EQUITY (DEFICIT)					
Current Liabilities:					
Accounts payable	\$	9,315	\$	10,472	
Accounts payable - related party		160		640	
Revolving line of credit		-		10,448	
Accrued liabilities		15,845		8,982	
Warrant derivative liability		131		334	
Current portion of capital lease obligations		365		245	
Total current liabilities		25,818		31,121	
Long-term Liabilities:					
Capital lease obligation, less current portion		623		832	
Long-term convertible debt, less issuance costs		70,853		68,937	
Long-term debt, less issuance costs		67,109		50,284	
Total Liabilities		164,404		151,175	
Commitments and Contingencies					
Stockholders' Equity (Deficit):					
Preferred stock, \$0.000001 par value; 10,000,000 shares authorized; no shares issued and Outstanding		-		-	
Common stock, \$0.000001 par value; 50,000,000 shares authorized; 1,514,899 shares issued and outstanding as					
of December 31, 2017 and 1,437,442 shares issued and outstanding as of December 31, 2016 (<i>Not in 000's</i>)		2		1	
Additional paid-in capital		86,247		85,461	
Accumulated deficit		(144,946)		(92,535)	
Total Stockholders' Equity (Deficit)		(58,699)		(7,073)	
Total Liabilities & Stockholders' Equity (Deficit)	\$	105,705	\$	144,102	

XTANT MEDICAL HOLDINGS, INC. **CONSOLIDATED STATEMENTS OF CASH FLOWS** *All dollars herein (000's) except per share amounts

	Year End	Year Ended December 31,			
	2017		2016		
Operating activities:					
Net loss	\$ (52,41	1) \$	(19,494)		
Adjustments to reconcile net loss to net cash used in operating activities:					
Depreciation and amortization	8,40	19	7,242		
Loss on intangible impairment and disposal of fixed assets	21,24	2	-		
Non-cash interest	14,68	5	6,785		
Loss on sale of fixed assets	1	.0	25		
Non-cash consulting expense/stock option expense	21	2	523		
Provision for losses on accounts receivable and inventory	4,21	.3	224		
Change in derivative warrant liability	(20	3)	(717)		
Changes in operating assets and liabilities:					
Trade accounts receivable	4,74	7	(2,680)		
Inventories	2,12		(4,074)		
Prepaid and other assets	(46		(4,074)		
Accounts payable	(40)		319		
Accrued liabilities					
	(1,47		(2,076)		
Net cash used in operating activities	(54	·3)	(14,407)		
Investing activities:					
Purchases of property and equipment and intangible assets	(1,64	1)	(5,833)		
Proceeds from sale of fixed assets	3	3	16		
Net cash used in investing activities	(1,60	8)	(5,816)		
Financing activities:	10.70		2 2 2 0		
Proceeds from long-term and convertible debt, net of deferred and financing costs	12,78		3,238		
Payments on capital leases		88)	(145)		
Net proceeds from the revolving line of credit	(10,44		10,253		
Net proceeds from issuance of stock and warrants	17		3,087		
Net cash provided by financing activities	2,42	.9	16,434		
Net change in cash and cash equivalents	27	8	(3,790)		
Cash and cash equivalents at beginning of year	2,57	'8	6,368		
Cash and cash equivalents at end of year	\$ 2,85		2,578		
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XTANT MEDICAL HOLDINGS, INC. Calculation of Adjusted EBITDA for the Periods Ended December 31, 2017

	Unaudited	Twelve Months Ending (in 000's)						Three Months Ending (in 000's)					
		2017		2016		variance	_	Q4 2017		Q4 2016		variance	
Net loss	\$	(52,411)	\$	(19,493)	\$	(32,918)	\$	(28,420)	\$	(4,536)	\$	(23,883)	
				(02)		(204)				454		(1.10)	
Other (income) expense		11		402		(391)		11		154		(143)	
Depreciation & amortization		8,684		7,242		1,442		2,418		1,690		727	
Interest expense		14,704		12,263		2,441		4,166		3,288		878	
EBITDA	\$	(29,012)	\$	414	\$	(29,426)	\$	(21,825)	\$	596	\$	(22,421)	
EBITDA/Total Revenue		-55%		2%	_		_	-77%		13%			
ADJUSTED EBITDA CALCULATION													
Impairment intangible assets		17,586				17,586		17,586				17,586	
Restructuring expenses		4,680				4,680		1,853				1,853	
Separation related expenses		1,901				1,901		505				505	
Litigation reserve		1,342				1,342		-				-	
Impairment surgical instruments		1,322				1,322		552				552	
Non-cash compensation		212		522		(310)		(5)		-		(5)	
Dayton transition costs		290				290		290				290	
Acquisition and integration related expenses		-		1,401		(1,401)				131		(131)	
Change in warrant derivative liability		(202)		(716)		514		(65)		-		(65)	
ADJUSTED EBITDA gain (loss)	\$	(1,881)	\$	1,621	\$	(3,502)	\$	(1,109)	\$	727	\$	(1,836)	
ADJUSTED EBITDA/Total revenue		-2%		2%	_		-	-6%	-	3%			

*All dollars herein (000's) except per share amounts