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): February 13, 2019

CRYOLIFE, INC.

(Exact name of registrant as specified in its charter)

Florida 1-13165 59-2417093 (State or Other Jurisdiction (Commission File Number) (IRS Employer of Incorporation) Identification No.) 1655 Roberts Boulevard, N.W., Kennesaw, Georgia 30144 (Address of principal executive office) (zip code) Registrant's telephone number, including area code: (770) 419-3355 (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 (§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

Section 2 Financial Information

Item 2.02 Results of Operations and Financial Condition.

On February 13, 2019, CryoLife, Inc. ("CryoLife" or the "Company") issued a press release announcing its financial results for the year and quarter ended December 31, 2018. CryoLife hereby incorporates by reference herein the information set forth in its press release dated February 13, 2019, a copy of which is attached hereto as Exhibit 99.1. Except as otherwise provided in the press release, the press release speaks only as of the date of such press release and it shall not create any implication that the affairs of CryoLife have continued unchanged since such date.

The information provided pursuant to this Item 2.02 is to be considered "furnished" pursuant to Item 2.02 of Form 8-K 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 or Sections 11 and 12(a)(2) of the Securities Act of 1933, as amended, nor shall it be deemed incorporated by reference into any of CryoLife's reports or filings with the Securities and Exchange Commission, whether made before or after the date hereof, except as expressly set forth by specific reference in such report or filing.

Except for the historical information contained in this report, the statements made by CryoLife are forward-looking statements that involve risks and uncertainties. All such statements are subject to the safe harbor created by the Private Securities Litigation Reform Act of 1995. CryoLife's future financial performance could differ significantly from the expectations of management and from results expressed or implied in the press release. Please refer to the last paragraph of the text portion of the press release for further discussion about forward-looking statements. For further information on risk factors, please refer to "Risk Factors" contained in CryoLife's most recently filed Form 10-K and its subsequent filings with the Securities and Exchange Commission, as well as in the press release attached as Exhibit 99.1 hereto. CryoLife disclaims any obligation or duty to update or modify these forward-looking statements.

Section 9 Financial Statements and Exhibits.

Item 9.01(d) Exhibits.

(d) Exhibits.

<u>Exhibit Number</u> <u>Description</u>

99.1* Press Release dated February 13, 2019

^{*}This exhibit is furnished, not filed.

SIGNATURES

Pursuant to the requirements of the Securities Exchange Act of 1934, CryoLife, Inc. has duly caused this report to be signed on its behalf by the undersigned hereunto duly authorized.

CRYOLIFE, INC.

Date: February 13, 2019

By: /s/ D. Ashley Lee

Name: D. Ashley Lee

Title: Executive Vice President, Chief

Operating Officer and Chief

Financial Officer

FOR IMMEDIATE RELEASE

Contacts:

CryoLife

Gilmartin Group LLC

D. Ashley Lee

Executive Vice President, Chief Financial Officer and Chief

Operating Officer Phone: 770-419-3355 Phone: 646-924-1769

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CryoLife Reports Fourth Quarter and Full Year 2018 Financial Results

Fourth Quarter and Recent Business Highlights:

- Total revenues were \$67.8 million in the fourth quarter of 2018, reflecting year over year growth of 28% and an 8% increase on a non-GAAP constant currency basis compared to the fourth quarter of 2017
 - On-X® revenues increased 13% in the fourth quarter of 2018 compared to the fourth guarter of 2017
 - JOTEC® revenues were \$16.7 million in the fourth quarter of 2018, an increase of 303% year over year and a 17% increase on a non-GAAP basis compared to the fourth quarter of 2017
- Total revenues for the full year 2018 were \$262.8 million, reflecting year over year growth of 39% and a 10% increase on a non-GAAP constant currency basis compared to full year 2017
- Net loss was (\$1.7) million or (\$0.05) per fully diluted common share for the fourth quarter of 2018; Non-GAAP net income was \$1.9 million, or \$0.05 per fully diluted common share for the fourth quarter of 2018

ATLANTA, GA - (February 13, 2019) - CryoLife, Inc. (NYSE: CRY), a leading cardiac and vascular surgery company focused on aortic disease, announced today its financial results for the fourth guarter and full year ended December 31, 2018.

"2018 was a very successful year for CryoLife highlighted by strong revenue growth and progress on our clinical and R&D programs," said Pat Mackin, Chairman, President, and Chief Executive Officer. "Looking ahead, we remain confident in our ability to deliver high single digit annual revenue growth over each of the next five years driven by our highly differentiated JOTEC and On-X product portfolios and new introductions from our extensive product pipeline."

Fourth Quarter 2018 Financial Results

Total revenues for the fourth quarter of 2018 were \$67.8 million, reflecting growth of 28% on a reported basis and 8% on a non-GAAP constant currency basis compared to the fourth quarter of 2017. The increase was primarily driven by \$16.7 million in revenues from JOTEC in the fourth quarter of 2018 compared to \$4.1 million in the fourth quarter of 2017 and strong revenue growth from On-X and tissue processing.

Net loss for the fourth quarter of 2018 was (\$1.7) million, or (\$0.05) per fully diluted common share, compared to net loss of (\$3.0) million, or (\$0.09) per fully diluted common share for the fourth quarter of 2017. Non-GAAP net income for the fourth quarter of 2018 was \$1.9 million, or \$0.05 per fully diluted common share, compared to non-GAAP net income of \$4.8 million, or \$0.14 per fully diluted common share for the fourth quarter of 2017. Earnings reflect higher than anticipated costs in the fourth quarter due to the acceleration of spending on our product pipeline, and increased costs related to international growth.

Full Year 2018 Financial Results

Total revenues for 2018 were \$262.8 million, reflecting growth of 39% on a reported basis and 10% on a non-GAAP constant currency basis compared to 2017. The increase was driven by growth in the On-X and JOTEC product lines as well as the tissue processing business. For 2018, On-X and JOTEC non-GAAP revenues increased by 21% and 25%, respectively, versus 2017.

Reported net loss for 2018 was (\$3.8) million, or (\$0.10) per share compared to net income of \$3.7 million or \$0.11 per share for 2017. Non-GAAP net income for 2018 was \$9.7 million, or \$0.26 a share compared to non-GAAP net income of \$16.7 million, or \$0.48 per share in 2017.

The independent registered public accounting firm's audit report with respect to the Company's fiscal year-end financial statements will not be issued until the Company completes its annual report on Form 10-K, including its evaluation of the effectiveness of internal controls over financial reporting. Accordingly, the financial results reported in this earnings release are preliminary pending completion of the audit.

2019 Financial Outlook

CryoLife expects total revenues for 2019 to be in the range of \$280 million to \$284 million and non-GAAP earnings per share of between \$0.28 and \$0.32.

All numbers are presented on a GAAP basis except where expressly referenced as non-GAAP. The Company does not provide GAAP income per common share on a forward-looking basis because the Company is unable to predict with reasonable certainty business development and acquisition-related expenses, purchase accounting fair value adjustments, and any unusual gains and losses without unreasonable effort. These items are uncertain, depend on various factors, and could be material to results computed in accordance with GAAP.

The Company's financial guidance for 2019 is subject to the risks identified below.

Non-GAAP Financial Measures

This press release contains non-GAAP financial measures. Investors should consider this non-GAAP information in addition to, and not as a substitute for, financial measures prepared in accordance with U.S. GAAP. In addition, this non-GAAP financial information may not be the same as similar measures presented by other companies. The Company's non-GAAP revenues include JOTEC revenues for the same eleven-month period in 2017 prior to the closing of the acquisition of JOTEC on December 1, 2017. The Company did not own JOTEC until the eleven-month period ended December 1, 2017, so the Company is unable to report its GAAP revenue growth for the twelve-month period ended December 31, 2018 compared to the same

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period in 2017. The Company's other non-GAAP results exclude (as applicable) business development and integration expenses, amortization expense, and inventory basis step-up expense. The Company believes that these non-GAAP presentations provide useful information to investors regarding unusual non-operating transactions, and the operating expense structure of the Company's existing and recently acquired operations, without regard to its on-going efforts to acquire additional complementary products and businesses and the transaction and integration expenses incurred in connection with recently acquired and divested product lines. The Company believes it is useful to exclude certain expenses because such amounts in any specific period may not directly correlate to the underlying performance of its business operations or can vary significantly between periods as a result of factors such as acquisitions, or non-cash expense related to amortization of previously acquired tangible and intangible assets. The Company does, however, expect to incur similar types of expenses in the future, and this non-GAAP financial information should not be viewed as a statement or indication that these types of expenses will not recur.

Webcast and Conference Call Information

The Company will hold a teleconference call and live webcast tomorrow, February 14, 2019 at 8:30 a.m. ET to discuss the results followed by a question and answer session. To listen to the live teleconference, please dial 201-689-8261. A replay of the teleconference will be available through February 20, 2019 and can be accessed by calling (toll free) 877-660-6853 or 201-612-7415. The Conference ID for the replay is 13687369.

The live webcast and replay can be accessed by going to the Investor Relations section of the CryoLife website at www.cryolife.com and selecting the heading Webcasts & Presentations.

About CryoLife, Inc.

Headquartered in suburban Atlanta, Georgia, CryoLife is a leader in the manufacturing, processing, and distribution of medical devices and implantable tissues used in cardiac and vascular surgical procedures focused on aortic repair. CryoLife markets and sells products in more than 100 countries worldwide. For additional information about CryoLife, visit our website, www.cryolife.com.

Forward Looking Statements

Statements made in this press release that look forward in time or that express management's beliefs, expectations, or hopes are forward-looking statements within the meaning of the Private Securities Litigation Reform Act of 1995. Such forward-looking statements reflect the views of management at the time such statements are made. These statements include our financial guidance, including our expected total revenues and non-GAAP earnings per share; and our statement that we remain confident in our ability to deliver high single digit annual revenue growth over each of the next five years driven by our highly differentiated JOTEC and On-X product portfolios and new introductions from our extensive product pipeline. These forward-looking statements are subject to a number of risks, uncertainties, estimates, and assumptions that may cause actual results to differ materially from current expectations. These risks and uncertainties include the risk factors detailed in our Securities and Exchange Commission filings, including our Form 10-K for year ended December 31, 2018. CryoLife does not undertake to update its forward-looking statements, whether as a result of new information, future events, or otherwise.

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CRYOLIFE, INC. AND SUBSIDIARIES Financial Highlights - Unaudited (In thousands, except per share data)

	Three Months Ended December 31,				Twelve Months Ended December 31,			
_		2018		2017	2018			2017
Revenues:	_		_		_		_	
Products	\$	49,331	\$	35,112	\$	187,394	\$	119,631
Preservation services		18,468		17,714		75,447		70,071
Total revenues		67,799		52,826		262,841		189,702
Cost of products and preservation services:								
Products		13,606		8,601		53,772		29,798
Preservation services		9,002		7,862		36,085		31,262
Total cost of products and								
preservation services		22,608		16,463		89,857		61,060
Gross margin		45,191		36,363		172,984		128,642
Operating expenses: General, administrative, and		35,628		30,195		140,574		101,211
marketing Research and development		6,784		6,363		23,098		19,461
Total operating expenses	42,412		36,558		163,672			120,672
Operating income (loss)								
Operating income (loss)		2,779		(195)		9,312		7,970
Interest expense		3,925		2,396		15,788		4,881
Interest income		(85)		(53)		(226)		(212)
Other expense (income), net		398		(190)		141		(260)
(Loss) income before income taxes		(1,459)		(2,348)		(6,391)		3,561
Income tax expense (benefit)		282		659		(2,586)		(143)
Net (loss) income	\$	(1,741)	\$	(3,007)	\$	(3,805)	\$	3,704
(Loss) income per common share:								
Basic	\$	(0.05)	\$	(0.09)	\$	(0.10)	\$	0.11
Diluted	\$	(0.05)	\$	(0.09)	\$	(0.10)	\$	0.11
Weighted-average common shares outstanding:								
Basic		36,652		34,025		36,412		33,008
Diluted		36,652		34,025		36,412		34,163

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CRYOLIFE, INC. AND SUBSIDIARIES Financial Highlights - Unaudited (In thousands)

		Three Mon		ed	Twelve Months Ended December 31,				
	- 2	2018	- 2	2017		2018	•	2017	
Products:									
BioGlue and BioFoam	\$	17,975	\$	17,845	\$	66,660	\$	65,939	
JOTEC		16,672		4,136		63,341		4,136	
On-X		11,337		9,993		44,832		37,041	
CardioGenesis cardiac laser therapy		1,703		1,736		6,217		6,866	
PerClot		945		892		3,767		3,533	
PhotoFix		699		510		2,577		2,116	
Total products		49,331		35,112		187,394		119,631	
Preservation services:									
Cardiac tissue		9,023		8,599		35,683		32,510	
Vascular tissue		9,445		9,115		39,764		37,561	
Total preservation services		18,468		17,714		75,447		70,071	
Total revenues	\$	67,799	\$	52,826	\$	262,841	\$	189,702	
Revenues:									
U.S.	\$	36,528	\$	34,648	\$	144,651	\$	135,102	
International		31,271		18,178		118,190		54,600	
Total revenues	\$	67,799	\$	52,826	\$	262,841	\$	189,702	

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CRYOLIFE, INC. AND SUBSIDIARIES Reconciliation of GAAP to Non-GAAP Net Income (Loss) and Diluted Income (Loss) per Common Share - Unaudited (In thousands, except per share data)

	Three Mo	onths Ei mber 31		Twelve Months Ended December 31.			
	 2018		2017		2018	2017	
GAAP: (Loss) income before income taxes Income tax expense	\$ (1,459)	\$	(2,348)	\$	(6,391)	\$	3,561
(benefit)	 282		659		(2,586)		(143)
Net (loss) income	\$ (1,741)	\$	(3,007)	\$	(3,805)	\$	3,704
Diluted (loss) income per common share:	\$ (0.05)	\$	(0.09)	\$	(0.10)	\$	0.11
Diluted weighted-average common shares outstanding	36,652		34,025		36,412		34,163
Reconciliation of (loss) income before income taxes, GAAP to adjusted net income, non-GAAP:							
(Loss) income before income taxes, GAAP	\$ (1,459)	\$	(2,348)	\$	(6,391)	\$	3,561
Adjustments: Business development and							
integration expenses	1,399		6,555		8,332		10,935
Amortization expense Gain on On-X escrow	2,597		1,662		10,792		5,085
settlement Inventory basis step-up					(2,675)		
expense	 		584		2,805		2,728
Adjusted income before income taxes,							
non-GAAP	2,537		6,453		12,863		22,309
Income tax expense calculated							
at 25% pro forma tax rate	634		1,613		3,216		5,577
Adjusted net income, non-GAAP	\$ 1,903	\$	4,840	\$	9,647	\$	16,732
Reconciliation of diluted (loss) income per common share, GAAP to adjusted diluted income per common share, non- GAAP:							
Diluted (loss) income per common share, GAAP: Adjustments:	\$ (0.05)	\$	(0.09)	\$	(0.10)	\$	0.11
Business development and integration expenses	0.04		0.18		0.22		0.31
Amortization expense Gain on On-X escrow	0.07		0.05		0.29		0.15
settlement Inventory basis step-up					(0.07)		
expense			0.02		0.07		0.08
Tax effect of non-GAAP adjustments	(0.03)		(0.06)		(0.12)		(0.14)
Effect of 25% pro forma tax rate	0.02		0.04		(0.03)		(0.03)
Adjusted diluted income per common share,					(0.00)		<u> </u>
non-GAAP:	\$ 0.05	\$	0.14	\$	0.26	\$	0.48
Diluted weighted-average common shares outstanding	37,658		35,090		37,437		34,163

CRYOLIFE, INC. AND SUBSIDIARIES Reconciliation of GAAP to Non-GAAP Revenues and Gross Margin - Unaudited (In thousands, except per share data)

Three Months Ended Twelve Months Ended December 31, December 31, Growth Growth 2018 2017 2018 2017 Rate Rate Reconciliation of total revenues, GAAP to total revenues, non-GAAP: 39% 67,799 52,826 28% 262,841 189,702 Total revenues, GAAP Plus: JOTEC pre-acquisition \$ revenues 10,068 46,507 Total 8% 11% revenues, 67,799 62,894 262,841 236,209 non-GAAP \$ Impact of changes in currency exchange **Total** 2,757 (402)constant currency revenues 62,492 238,966 non-GAAP 67,799 8% 262,841 10% **Three Months Ended Twelve Months Ended** December 31 December 31 2018 2017 2018 2017 Reconciliation of gross margin %, GAAP to gross margin %, non-GAAP: 67,799 52,826 262,841 189,702 \$ \$ \$ Total revenues, GAAP \$ Gross margin, GAAP Gross margin %, 45,191 36,363 172,984 128,642 \$ \$ \$ \$ GAAP 67% 69% 66% 68% Gross margin, GAAP 45,191 \$ 36,363 172,984 128,642 Plus: Inventory basis step- up

584

36,947

70%

expense Gross margin,

non-GAAP Gross margin %,

non-GAAP

45,191

67%

2,728

69%

131,370

2,805

67%

175,789

CRYOLIFE, INC. AND SUBSIDIARIES Reconciliation of GAAP to Non-GAAP Net Income (Loss) to Adjusted EBITDA - Unaudited (In thousands)

		Three Mor Decen	nths End ober 31,		Twelve Months Ended December 31,					
		2018		2017	_		2018		2017	
Reconciliation of net (loss) income, GAAP to adjusted EBITDA, non-GAAP:					_					
Net (loss) income, GAAP Adjustments:	\$	(1,741)	\$	(3,007)		\$	(3,805)	\$	3,704	
Interest income Interest expense		(85) 3,925		(53) 2,396			(226) 15,788		(212) 4,881	
Income tax expense (benefit) Depreciation and amortization		282		659			(2,586)		(143)	
expense Loss (gain) on foreign currency		4,459		3,050			18,095		9,733	
revaluation Business development and		437		(206)			2,578		(284)	
integration expenses Gain on On-X escrow		1,399		6,555			8,332		10,935	
settlement Inventory basis step-up							(2,675)			
expense Stock-based compensation				584			2,805		2,728	
expense Adjusted EBITDA, non-		1,641		1,256	_		6,326		6,908	
GAAP	\$	10,317	\$	11,234	_	\$	44,632	\$	38,250	

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