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 30, 2014

ATRICURE, INC.

(Exact name of registrant as specified in charter)

Delaware (State or other jurisdiction of incorporation) 000-51470 (Commission File Number) 34-1940305 (IRS Employer Identification No.)

6217 Centre Park Drive West Chester, OH (Address of principal executive offices)

45069 (Zip Code)

Registrant's telephone number, including area code: (513) 755-4100

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))

Dere-commencement communications pursuant to Rule 13e-4(c) under the Exchange Act (17 CFR 240.13e-4(c))

Item 2.02. Results of Operations and Financial Condition.

On October 30, 2014, AtriCure, Inc. ("AtriCure" or the "Company") issued a press release regarding its financial results for the third quarter ended September 30, 2014. The Company will hold a conference call on October 30, 2014 at 4:30 p.m. Eastern Time to discuss the financial results. A copy of the press release is furnished as Exhibit 99.1 to this Form 8-K and is incorporated herein by reference.

The information in this Item 2.02 to Form 8-K and in the press release attached as Exhibit 99.1 is being furnished and 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. The information in Item 2.02 of this Form 8-K and Exhibit 99.1 shall not be incorporated by reference in any filing or other document under the Securities Act of 1933, as amended, or the Exchange Act, except as expressly set forth by specific reference in any such filing or document.

Item 9.01 Financial Statements and Exhibits.

(d) Exhibits

No. Description

99.1 Press Release dated October 30, 2014

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.

Dated: October 30, 2014

ATRICURE, INC.

By: /s/ M. Andrew Wade

M. Andrew Wade Vice President and Chief Financial Officer

AtriCure

Contact:

AtriCure, Inc. Andy Wade Vice President and Chief Financial Officer (513) 755-4564 awade@atricure.com

Investor Relations Contact Lynn Pieper Westwicke Partners (415) 202-5678 lynn.pieper@westwicke.com

AtriCure Reports Third Quarter 2014 Financial Results and Updates 2014 Outlook

- Revenue of \$26.7 million up 32.4%
- U.S. sales of \$20.1 million up 26.7%
- International sales of \$6.6 million up 53.4%; 53.9% constant currency

WEST CHESTER, Ohio – October 30, 2014 – AtriCure, Inc. (Nasdaq: ATRC), a leading innovator in surgical treatments for atrial fibrillation ("Afib") and Left Atrial Appendage Management ("LAAM"), today announced financial results for the third quarter of 2014.

"We had a strong third quarter with momentum across all of our product lines in both the U.S. and internationally. We continue to see increasing physician interest in managing the left atrial appendage and treating challenging Afib conditions," said Mike Carrel, President and Chief Executive Officer of AtriCure. "We see a tremendous amount of untapped potential in our markets, and thus our plans remain focused on growth and successfully expanding the Afib market through improved patient outcomes, training and education."

"We are continuing to execute on our clinical trials, and we are pleased to have recently announced two major milestones toward delivering data to prove the benefit of our innovative products to patients. First, we completed enrollment in the ABLATE Post Approval Study (PAS) in the third quarter. Secondly, we recently received approval from the FDA to begin our Dual Epicardial and Endocardial Procedure (DEEP) clinical trial. This is the first study where cardiac surgeons and electrophysiologists will be working as a team to establish a standard of care for patients presenting with persistent or long-standing persistent Afib, a significant risk factor for stroke," Mr. Carrel continued.

Third Quarter 2014 Financial Results

Revenue for the third quarter of 2014 was \$26.7 million, an increase of \$6.5 million or 32.4% (32.5% on a constant currency basis) compared to third quarter 2013 revenue. Domestic revenue increased 26.7% to \$20.1 million, driven by strong sales of ablation-related open-heart, ablation-related minimally invasive, and AtriClip products. International revenue was \$6.6 million, an increase of \$2.3 million or 53.4% (53.9% on a constant currency basis) compared to \$4.3 million for the third quarter of 2013. International revenue growth was driven primarily by increases in product sales in Europe and Asia.

Gross profit for the third quarter of 2014 was \$18.9 million, compared to \$14.7 million for the third quarter of 2013. Gross margin for the third quarter of 2014 and 2013 was 70.8% and 72.9%, respectively. The decrease in gross margin was primarily due to lower margins on products obtained through the December 2013 Estech acquisition, along with increased mix of international sales and heavier placement of loaned equipment.

Operating expenses for the third quarter of 2014 increased 13.9%, or \$2.4 million, compared to the third quarter of 2013. The increase in operating expenses was driven primarily by an increase in selling, marketing, clinical, product development, and training expenses. Operating expenses included a \$5.4 million offset for the reduction in the earnout liability established in connection with the acquisition of Estech.

Loss from operations for the third quarter of 2014 was \$0.8 million, compared to \$2.6 million for the third quarter of 2013. Adjusted EBITDA, a non-GAAP measure, was a loss of \$3.2 million for the third quarter of 2014, compared to a \$1.4 million loss for the third quarter of 2013. Net loss per share was \$0.02 for the third quarter of 2014 and \$0.13 for the third quarter of 2013.

2014 Guidance

Management projects that 2014 revenue will be in the range of \$105 million to \$106 million, which represents an increase of 28% to 29% over 2013. This compares to previous expectations of 2014 revenue in the range of \$103 million to \$105 million.

Adjusted EBITDA, a non-GAAP measure, is projected to be a loss of approximately \$12 million for 2014, of which approximately \$4.0 million of expense will be related to the Estech transaction. This compares to previous expectations of 2014 EBITDA loss in the range of \$9 million to \$10 million.

AtriCure continues to expect the Estech transaction to be accretive in 2015 and beyond.

Conference Call

AtriCure will host a conference call at 4:30 p.m. Eastern Time on Thursday, October 30, 2014 to discuss its third quarter 2014 financial results. A live webcast of the conference call will be available online from the investor relations page of AtriCure's corporate website at <u>www.atricure.com</u>. You may also access this call through an operator by calling (800) 510-0219 for domestic callers and (617) 614-3451 for international callers at least 15 minutes prior to the call start time using reservation code 16342969.

The webcast will be available on AtriCure's website and a telephonic replay of the call will be available through November 30, 2014. The replay dial-in numbers are (888) 286-8010 for domestic callers and (617) 801-6888 for international callers. The reservation code is 34730548.

About AtriCure, Inc.

AtriCure, Inc. is a medical device company providing innovative atrial fibrillation (Afib) solutions designed to produce superior outcomes that reduce the economic and social burden of atrial fibrillation. AtriCure's Synergy[™] Ablation System is the first and only surgical device approved for the treatment of Persistent and Longstanding Persistent forms of Afib in patients undergoing certain open concomitant procedures. AtriCure's AtriClip Left Atrial Appendage Management (LAAM) exclusion device is the most widely sold device worldwide that's indicated for the occlusion of the left atrial appendage. The company believes cardiothoracic surgeons are adopting its ablation and LAAM devices for the treatment of Afib and reduction of Afib related complications such as stroke. Afib affects more than 33.5 million people worldwide.

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 address activities, events or developments that AtriCure expects, believes or anticipates will or may occur in the future, such as earnings estimates (including projections and guidance), other predictions of financial performance, launches by AtriCure of new products and market acceptance of AtriCure's products. Forward-looking statements are based on AtriCure's experience and perception of current conditions, trends, expected future developments and other factors it believes are appropriate under the circumstances and are subject to numerous risks and uncertainties, many of which are beyond AtriCure's control. These risks and uncertainties include the rate and degree of market acceptance of AtriCure's products, AtriCure's ability to develop and market new and enhanced products, the timing of and ability to obtain and maintain regulatory clearances and approvals for its products, the timing of and ability to obtain reimbursement of procedures utilizing AtriCure's products, AtriCure's ability to consummate acquisitions or, if consummated, to successfully integrate acquired businesses into AtriCure's operations, AtriCure's ability to recognize the benefits of acquisitions, including potential synergies and cost savings, failure of an acquisition or acquired company to achieve its plans and objectives generally, risk that proposed or consummated acquisitions may disrupt operations or pose difficulties in employee retention or otherwise affect financial or operating results, competition from existing and new products and procedures or AtriCure's ability to effectively react to other risks and uncertainties described from time to time in AtriCure's SEC filings, such as fluctuation of quarterly financial results, reliance on third party manufacturers and suppliers, litigation or other proceedings, government regulation and stock price volatility. AtriCure does not guarantee any forward-looking statement, and actual results may differ materially from those projected. AtriCure undertakes no obligation to publicly update any forward-looking statement, whether as a result of new information, future events or otherwise. A further list and description of risks, uncertainties and other matters can be found in our Annual Reports on Form 10-K and Quarterly Reports on Form 10-O.

Use of Non-GAAP Financial Measures

To supplement AtriCure's condensed consolidated financial statements prepared in accordance with U.S. generally accepted accounting principles, or GAAP, AtriCure uses certain non-GAAP financial measures in this release as supplemental financial metrics. Non-GAAP financial measures provide an indication of performance excluding certain items. Our management believes that in order to properly understand short-term and long-term financial trends, investors may wish to consider the impact of these excluded items in addition to GAAP measures. The excluded items vary in frequency and/or impact on our continuing operations and our management believes that the excluded items are typically not reflective of our ongoing core business operations. Further, management uses results of operations before these excluded items as a basis for its strategic planning. The non-GAAP financial measures used by AtriCure may not be the same or calculated the same as those used by other companies. Reconciliations of the non-GAAP financial measures have limitations as analytical tools and should not be considered in isolation or as a substitute for AtriCure's financial results prepared and reported in accordance with GAAP.

ATRICURE, INC. AND SUBSIDIARIES CONDENSED CONSOLIDATED STATEMENTS OF OPERATIONS (In Thousands, Except Per Share Amounts) (Unaudited)

	Th	Three Months Ended September 30,		Nine Months Ende		ed Septe	d September 30,		
	2014			2013		2014		2013	
Domestic Revenue:	4	11.005	<i>•</i>	0.005	<i>.</i>	22,400	<i>•</i>	05.040	
Open-heart ablation	\$	11,265	\$	9,637	\$	32,498	\$	27,912	
Minimally invasive ablation		3,933		3,486		11,774		10,129	
AtriClip		4,285		2,709		11,856		7,884	
Total ablation and AtriClip		19,483		15,832		56,128		45,925	
Valve tools		577				1,978			
Total domestic		20,060		15,832		58,106		45,925	
International Revenue:									
Open-heart ablation		4,150		2,898		12,175		9,535	
Minimally invasive ablation		1,804		1,168		5,773		3,755	
AtriClip		543		248		1,390		790	
Total ablation and AtriClip		6,497		4,314		19,338		14,080	
Valve tools		121				595			
Total international		6,618		4,314		19,933		14,080	
Total revenue		26,678		20,146		78,039		60,005	
Cost of revenue		7,786		5,461		22,709		16,111	
Gross profit		18,892		14,685		55,330		43,894	
Operating expenses:									
Research and development expenses		5,033		3,237		13,603		9,792	
Selling, general and administrative expenses		14,662		14,062		53,308		40,155	
Total operating expenses		19,695		17,299		66,911		49,947	
Loss from operations		(803)		(2,614)		(11,581)		(6,053)	
Other income (expense), net		341		(130)		750		(415)	
Loss before income tax expense		(462)		(2,744)		(10,831)		(6,468)	
Income tax expense		(4)		(4)		(36)		(14)	
Net loss	\$	(466)	\$	(2,748)	\$	(10,867)	\$	(6,482)	
Basic and diluted net loss per share	\$	(0.02)	\$	(0.13)	\$	(0.42)	\$	(0.32)	
Weighted average shares used in computing net loss per share:					_				
Basic and diluted		26,915		20,725		26,185		20,311	
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ATRICURE, INC. AND SUBSIDIARIES CONDENSED CONSOLIDATED BALANCE SHEETS (In Thousands, Except Per Share Amounts) (Unaudited)

	Sej	September 30, 2014		December 31, 2013		
Assets						
Current assets:						
Cash, cash equivalents and short-term investments	\$	59,434	\$	26,211		
Accounts receivable, net		15,177		13,652		
Inventories		14,563		10,214		
Other current assets		1,547		2,410		
Total current assets		90,721		52,487		
Property and equipment, net		9,842		5,643		
Long-term investments		11,749		7,914		
Goodwill and intangible assets, net		44,619		45,685		
Other noncurrent assets		209		218		
Total assets	\$	157,140	\$	111,947		
Liabilities and Stockholders' Equity						
Current liabilities:						
Accounts payable and accrued liabilities	\$	19,351	\$	24,675		
Other current liabilities and maturities of debt and capital leases		2,541		2,038		
Total current liabilities		21,892		26,713		
Long-term debt and capital leases		55		4,412		
Other noncurrent liabilities		158		8,218		
Total liabilities		22,105		39,343		
Stockholders' equity:						
Common stock		27		23		
Additional paid-in capital		268,676		194,933		
Accumulated other comprehensive loss		(588)		(139)		
Accumulated deficit		(133,080)		(122,213)		
Total stockholders' equity		135,035		72,604		
Total liabilities and stockholders' equity	\$	157,140	\$	111,947		

ATRICURE, INC. AND SUBSIDIARIES CONDENSED CONSOLIDATED STATEMENTS OF CASH FLOWS (In Thousands) (Unaudited)

		Nine Months Ended Septer 2014		
Cash flows from operating activities:				
Net loss	\$ (1	0,867)	\$	(6,482)
Adjustments to reconcile net loss to net cash used in operating activities:				
Share-based compensation expense		5,704		2,072
Depreciation and amortization of intangible assets		3,471		1,465
Amortization of deferred financing costs		99		69
Loss on disposal of equipment		11		30
Amortization/accretion on investments		322		(4)
Change in allowance for doubtful accounts		73		(14)
Change in fair value of contingent consideration	(8,032)		-
Other		95		—
Changes in operating assets and liabilities				
Accounts receivable		1,785)		(1,049)
Inventories	(4,555)		(1,313)
Other current assets		833		117
Accounts payable and accrued liabilities	(4,143)		2,744
Other non-current assets and liabilities		(813)		207
Net cash used in operating activities	(1	9,587)		(2,158)
Cash flows from investing activities:				
Purchases of available-for-sale securities	(3	1,412)		(9,186)
Maturities of available-for-sale securities		6,265		4,900
Sales of available-for-sale securities		8,349		—
Purchases of property and equipment	(1	4,389)		(1,930)
Net proceeds from the sale of equipment		—		2
Net cash used in investing activities	(2	1,187)		(6,214)
Cash flows from financing activities:				
Net proceeds from sale of stock	6	5,830		26,872
Payments on debt and capital leases	(6,362)		(1,547)
Payment of debt fees and premium on retirement of debt		(181)		(99)
Proceeds from stock option exercises		1,657		1,277
Shares repurchased for payment of taxes on stock awards		(198)		(279)
Proceeds from issuance of common stock under employee stock purchase plan		708		326
Net cash provided by financing activities	6	1,454		26,550
Effect of exchange rate changes on cash and cash equivalents		(46)		(110)
Net increase in cash and cash equivalents	2	0,634		18,068
Cash and cash equivalents—beginning of period		4,892		7,753
Cash and cash equivalents—end of period		5,526	\$	25,821
	φ 5 	5,520	Ψ	20,021
Supplemental cash flow information:	¢	110	¢	201
Cash paid for interest	\$	113	\$	381
Cash paid for income taxes		146		30
Noncash investing and financing activities:		2 5 7 2		10.4
Accrued purchases of property and equipment		2,572		184
Assets acquired through capital lease		8		68
Capital lease asset early termination		_		24

ATRICURE, INC. AND SUBSIDIARIES RECONCILIATION OF GAAP RESULTS TO NON-GAAP RESULTS (In Thousands) (Unaudited)

Reconciliation of Non-GAAP Adjusted Loss (Adjusted EBITDA)

	Three Months Ended September 30,				Nine Months Ended September 30,				
	2014	2014 2013			2014		2013		
Net loss, as reported	\$ (466)	\$	(2,748)	\$	(10,867)	\$	(6,482)		
Income tax expense	4		4		36		14		
Other (income) expense, net (a)	(341)		130		(750)		415		
Depreciation and amortization expense	1,254		508		3,471		1,465		
Share-based compensation expense	1,716		734		5,704		2,072		
Change in fair value of contingent consideration	(5,370)		—		(8,032)				
Non-GAAP adjusted income (loss) (adjusted EBITDA)	\$ (3,203)	\$	(1,372)	\$	(10,438)	\$	(2,516)		

	1	Three Months Ended September 30,				ine Months End	led Septemb	eptember 30,		
(a) Other includes:		2014		2013		2014		2013		
Net interest income (expense)	\$	3	\$	(121)	\$	(226)	\$	(420)		
Grant income		231				731		—		
(Loss) gain due to exchange rate fluctuation		(51)		17		(30)		73		
Non-employee stock option income (expense)		158		(26)		275		(68)		
Other income (expense), net	\$	341	\$	(130)	\$	750	\$	(415)		

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