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 29, 2015

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)

Dere-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 April 29, 2015, AtriCure, Inc. (AtriCure or the Company) issued a press release regarding its financial results for the first quarter ended March 31, 2015. The Company will hold a conference call on April 29, 2015 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 April 29, 2015

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: April 29, 2015

ATRICURE, INC.

By: /s/ M. Andrew Wade

M. Andrew Wade Senior Vice President and Chief Financial Officer

AtriCure

Contact:

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

Investor Relations Contact

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AtriCure Reports First Quarter 2015 Financial Results and

Updates 2015 Outlook

- Revenue of \$29.9 million up 20.3% as reported, 24% constant currency
- U.S. sales of \$22.9 million up 26.3%
- International sales of \$7.0 million up 3.9% as reported, 17.6% constant currency

WEST CHESTER, Ohio – April 29, 2015 – AtriCure, Inc. (Nasdaq: ATRC), a leading innovator in technologies for the surgical treatment of atrial fibrillation and left atrial appendage management, today announced first quarter 2015 financial results.

"We had a strong start to the year and remain well positioned to help treat patients suffering from atrial fibrillation through our continued investment in education, training and growth initiatives," said Mike Carrel, President and Chief Executive Officer of AtriCure.

"We are particularly excited about partnering with the American Association for Thoracic Surgery (AATS) Graham Foundation to initiate the inaugural Dr. James Cox Fellowship in Atrial Fibrillation Surgery. Educational efforts such as this will increase awareness and the ability of physicians to treat atrial fibrillation and manage the left atrial appendage. We continue to work toward penetrating the multi-billion dollar market opportunity ahead of us, which is increasingly being validated by leading physicians," continued Mr. Carrel.

First Quarter 2015 Financial Results

Revenue for the first quarter of 2015 was \$29.9 million, an increase of \$5.0 million or 20.3% (24.0% on a constant currency basis), compared to first quarter 2014 revenue. Domestic revenue increased 26.3% to \$22.9 million, driven by strong sales of ablation-related open-heart products, ablation-related minimally invasive products, and AtriClip products. International revenue was \$7.0 million, an increase of \$0.3 million or 3.9% (17.6% on a constant currency basis) compared to \$6.7 million for the first quarter of 2014. International revenue growth was driven primarily by increases in product sales in Europe.

Gross profit for the first quarter of 2015 was \$21.7 million compared to \$17.7 million for the first quarter of 2014. Gross margin for the first quarter of 2015 and 2014 was 72.7% and 71.1%, respectively. The increase in gross margin was primarily due to the heavier U.S. sales mix, favorable product costs and the elimination of certain acquisition transition costs included in the three months ended March 31, 2014.

Operating expenses for the first quarter of 2015 increased 5.1%, or \$1.3 million, compared to the first quarter of 2014. The increase in operating expenses was driven primarily by an increase in selling, clinical, product development, and training expenses partially offset by certain acquisition transition costs included in the three months ended March 31, 2014.

Loss from operations for the first quarter of 2015 was \$5.1 million, compared to \$7.9 million for the first quarter of 2014. Adjusted EBITDA, a non-GAAP measure, was a loss of \$2.1 million for the first quarter of 2015, compared to a \$4.7 million loss for the first quarter of 2014. Net loss per share was \$0.19 for the first quarter of 2015 and \$0.31 for the first quarter of 2014.

2015 Guidance

Management projects that 2015 revenue will be in the range of \$123.5 million to \$125.5 million, which represents an increase of 15% to 17% over 2014 (17% to 19% on a constant currency basis). This compares to previous expectations of 2015 revenue in the range of \$122.5 million to \$124.5 million.

Management continues to project Adjusted EBITDA, a non-GAAP measure, to be a loss in the range of \$7 million to \$9 million for 2015 in order to continue making strategic investments to drive the long-term growth plan.

Conference Call

AtriCure will host a conference call at 4:30 p.m. Eastern Time on Wednesday, April 29, 2015 to discuss its first quarter 2015 financial results. A live webcast of the conference call will be available online on the Investors page of AtriCure's corporate website at <u>www.atricure.com</u>. You may also access this call through an operator by calling (866) 515-2911 for domestic callers and (617) 399-5125 for international callers at least 15 minutes prior to the call start time using participant passcode 15114945.

The webcast will be available on AtriCure's website and a telephonic replay of the call will be available through May 6, 2015. The replay dial-in numbers are (888) 286-8010 for domestic callers and (617) 801-6888 for international callers. The participant passcode is 62321731.

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 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, AtriCure's ability to retain and attract key employees, 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 continue to be in compliance with applicable U.S. federal and state and foreign government laws and regulations, 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, including the development of drug or catheter-based technologies, 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, fluctuations in exchange rates for future sales denominated in foreign currency, which represent a majority of AtriCure's sales outside of the United States, 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-Q.

Use of Non-GAAP Financial Measures

To supplement AtriCure's condensed consolidated financial statements prepared in accordance with accounting principles generally accepted in the United States of America, 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 used in this release to the most comparable GAAP measures for the respective periods can be found in tables later in this release. 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)

		Ended March 31,
	2015	2014
Domestic Revenue:		
Open-heart ablation	\$ 12,354	\$ 10,377
Minimally invasive ablation	4,347	3,448
AtriClip	5,503	3,620
Total ablation and AtriClip	22,204	17,445
Valve tools	719	698
Total domestic	22,923	18,143
International Revenue:		
Open-heart ablation	4,216	3,971
Minimally invasive ablation	1,968	2,003
AtriClip	671	443
Total ablation and AtriClip	6,855	6,417
Valve tools	108	287
Total international	6,963	6,704
Total revenue	29,886	24,847
Cost of revenue	8,151	7,190
Gross profit	21,735	17,657
Operating expenses:		
Research and development expenses	5,609	4,001
Selling, general and administrative expenses	21,270	21,581
Total operating expenses	26,879	25,582
Loss from operations	(5,144)	(7,925)
Other (expense) income, net	(116)	243
Loss before income tax expense	(5,260)	(7,682)
Income tax expense	6	27
Net loss	\$ (5,266)	\$ (7,709)
Basic and diluted net loss per share	\$ (0.19)	\$ (0.31)
Weighted average shares used in computing net loss per share:		
Basic and diluted	27,069	24,766

ATRICURE, INC. AND SUBSIDIARIES CONDENSED CONSOLIDATED BALANCE SHEETS (In Thousands, Except Per Share Amounts) (Unaudited)

	March 31, 2015	December 31, 2014	
Assets			
Current assets:			
Cash, cash equivalents and short-term investments	\$ 55,733	\$ 59,649	
Accounts receivable, net	19,786	17,558	
Inventories	15,106	14,257	
Other current assets	2,790	2,044	
Total current assets	93,415	93,508	
Property and equipment, net	13,874	11,552	
Long-term investments	2,025	8,894	
Goodwill and intangible assets, net	43,961	44,264	
Other noncurrent assets	131	186	
Total assets	\$ 153,406	\$ 158,404	
Liabilities and Stockholders' Equity			
Current liabilities:			
Accounts payable and accrued liabilities	\$ 18,633	\$ 21,662	
Other current liabilities and current maturities of capital leases	5,996	3,981	
Total current liabilities	24,629	25,643	
Capital leases	79	74	
Other noncurrent liabilities	139	149	
Total liabilities	24,847	25,866	
Stockholders' equity:			
Common stock	28	28	
Additional paid-in capital	273,019	271,282	
Accumulated other comprehensive loss	(798)	(348)	
Accumulated deficit	(143,690)	(138,424)	
Total stockholders' equity	128,559	132,538	
Total liabilities and stockholders' equity	\$ 153,406	\$ 158,404	

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

	Three Months 2015	Ended March 31, 2014	
ash flows from operating activities:			
Net loss	\$ (5,266)	\$ (7,70	
Adjustments to reconcile net loss to net cash used in operating activities:			
Share-based compensation expense	1,724	2,14	
Depreciation and amortization of intangible assets	1,311	1,08	
Amortization of deferred financing costs	16	5	
Loss on disposal of property and equipment	57	1	
Realized loss from foreign exchange on intercompany transactions	251		
Amortization/accretion on investments	184	8	
Change in allowance for doubtful accounts	100	(1	
Other		9	
Changes in operating assets and liabilities			
Accounts receivable	(2,685)	(1,04	
Inventories	(1,104)	(86	
Other current assets	(779)	31	
Accounts payable and accrued liabilities	(2,807)	(8,50	
Other non-current assets and liabilities	28	(5	
Net cash used in operating activities	(8,970)	(14,39	
Cash flows from investing activities:			
Purchases of available-for-sale securities	(6,086)		
Sales and maturities of available-for-sale securities	11,899	8,43	
Purchases of property and equipment	(1,434)	(1,02	
Increases in property under build-to-suit obligation	(1,822)		
Net cash provided by investing activities	2,557	7,41	
ash flows from financing activities:			
Net proceeds from sale of stock	—	65,87	
Payments on debt and capital leases	(14)	(6,34	
Increases in build-to-suit obligation	1,822		
Payment of debt fees and premium on retirement of debt	—	(10	
Proceeds from stock option exercises	516	1,39	
Shares repurchased for payment of taxes on stock awards	(503)	(8	
Net cash provided by financing activities	1,821	60,73	
ffect of exchange rate changes on cash and cash equivalents	(233)	(
let (decrease) increase in cash and cash equivalents	(4,825)	53,74	
Cash and cash equivalents - beginning of period	28,384	14,89	
ash and cash equivalents - end of period	<u>\$ 23,559</u>	\$ 68,63	
upplemental cash flow information:			
Cash paid for interest	\$ 2	\$ 10	
Cash paid for income taxes		14	
Noncash investing and financing activities:			
Accrued purchases of property and equipment	751	12	
Assets acquired through capital lease	36		

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 Mar			
		2015		2014
Net loss, as reported		\$ (5,266)	\$	(7,709)
Income tax expense		6		27
Other expense (income), net (a)		116		(243)
Depreciation and amortization expense		1,311		1,085
Share-based compensation expense		1,724		2,142
Non-GAAP adjusted loss (adjusted EBITDA)		\$ (2,109)	\$	(4,698)
	т	hree Months End	ed Mai	rch 31,
		hree Months End	ed Mai	rch 31, 2014
(a) Other includes:			ed Mai	
(a) Other includes: Net interest income (expense)			ed Mai	· · · · ·
	2	015		2014
Net interest income (expense)	2	25		2014 (223)
Net interest income (expense) Grant income	2	25 35		2014 (223)

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