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): May 2, 2013

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

 $\begin{tabular}{ll} \textbf{Not Applicable} \\ \textbf{(Former name or former address, if changed since last report)} \end{tabular}$

	k 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 isions (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))
٦	Pre-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 May 2, 2013, AtriCure, Inc. ("AtriCure" or the "Company") issued a press release regarding its financial results for the first quarter ended March 31, 2013. The Company will hold a conference call on May 2, 2013 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 May 2, 2013

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.

ATRICURE, INC.

Dated: May 2, 2013 By: /s/ M. Andrew Wade

M. Andrew Wade

Vice President and Chief Financial Officer



Contact:

AtriCure, Inc.

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AtriCure Reports First Quarter 2013 Financial Results

Highlights

- Revenue of \$19.4 million up 11.2%; 11.1% constant currency
- U.S. sales of \$14.6 million up 11.0%
- International sales of \$4.8 million up 11.9%; 11.7% constant currency

WEST CHESTER, Ohio – May 2, 2013 – AtriCure, Inc. (Nasdaq: ATRC), a medical device company and a leader in the development of technologies and solutions for the treatment of atrial fibrillation, or Afib, and systems for the exclusion of the left atrial appendage, today announced financial results for the first quarter of 2013.

"Our first quarter results reflect double digit revenue growth, balanced globally. We are starting to see the results of our training and education efforts in capturing market share" said Mike Carrel, President and Chief Executive Officer of AtriCure. Mr. Carrel continued, "We will continue to invest in transforming AtriCure into a commercially focused organization using training and clinical outcomes to accelerate revenue growth."

First Quarter 2013 Financial Results

Revenue for the first quarter of 2013 was \$19.4 million, an increase of \$2.0 million or 11.2% (11.1% on a constant currency basis), compared to first quarter 2012 revenue. Domestic revenue increased 11.0% to \$14.6 million, driven by strong sales of ablation-related open-heart products and AtriClip products. International revenue was \$4.8 million, an increase of \$0.5 million or 11.9% (11.7% on a constant currency basis) when compared to \$4.3 million for the first quarter of 2012. International revenue growth was driven primarily by increased sales in Asia.

Gross profit for the first quarter of 2013 was \$14.1 million compared to \$12.8 million for the first quarter of 2012. Gross margin for the first quarter of 2013 and 2012 was 72.5% and 73.0%, respectively. The decrease in gross margin was due primarily to the initiation of the medical device excise tax.

Operating expenses for the first quarter of 2013 increased 11.5%, or \$1.6 million, compared to the first quarter of 2012. The increase in operating expenses was driven primarily by an increase in selling, marketing and training expenses.

Loss from operations for the first quarter of 2013 was \$1.8 million compared to \$1.5 million for the first quarter of 2012. Net loss per share was \$0.10 for the first quarter of 2013 and 2012.

Cash, cash equivalents and investments were \$36.0 million at March 31, 2013 and cash used in operations during the first quarter of 2013 was \$2.6 million.

2013 Guidance

Management affirms the previous guidance that 2013 revenue will be in the range of \$76.5—\$78.0 million, an increase of 9—11% from 2012.

Adjusted EBITDA, a non-GAAP measure, is projected to be a loss in the range of \$3.0 to \$5.0 million including the impact of the medical device excise tax which is estimated to be in the range of \$0.8—\$1.0 million for 2013. Management expects to continue making investments targeted at future revenue growth.

Conference Call

AtriCure will host a conference call at 4:30 p.m. Eastern Time on Thursday, May 2, 2013 to discuss its first quarter 2013 financial results. A live webcast of the conference call will be available online from the investor relations page of AtriCure's corporate website at www.atricure.com.

You may also access this call through an operator by calling (888) 680-0892 for domestic callers and (617) 213-4858 for international callers at least 15 minutes prior to the call start time using reservation code 31020101.

The webcast will be available on AtriCure's website and a telephonic replay of the call will also be available through June 2, 2013. The replay dial-in numbers are (888) 286-8010 for domestic callers and (617) 801-6888 for international callers. The reservation code is 45139601.

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 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 (LAA) exclusion device is the most widely implanted device for LAA management worldwide. The company believes cardiothoracic surgeons are adopting its ablation and LAA management devices for the treatment of Afib and reduction of Afib related complications such as stroke. Afib affects more than 5.5 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, 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-Q.

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 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 (Unaudited)

	Three Mon	Three Months Ended March 31,	
	2013	2012	
Revenue:			
Open-heart	\$ 9,121		
Minimally invasive	3,132	2,948	
AtriClip	2,386	1,759	
Total United States	14,639	13,193	
International	4,791	4,283	
Total revenue	19,430	17,476	
Cost of revenue		4,724	
Gross profit	14,086	12,752	
Operating expenses:			
Research and development expenses	3,506	3,389	
Selling, general and administrative expenses	12,380	10,859	
Total operating expenses	15,886	14,248	
Loss from operations		(1,496)	
Other expense	(138	3) (121)	
Loss before income tax expense	(1,938	(1,617)	
Income tax expense	(5	5) (3)	
Net (loss) income	\$ (1,943	\$ (1,620)	
Basic and diluted net loss per share	\$ (0.10	(0.10)	
Weighted average shares used in computing net loss per common share:		. =====	
Basic and diluted	19,544	16,016	

ATRICURE, INC. AND SUBSIDIARIES CONDENSED CONSOLIDATED BALANCE SHEETS (Unaudited)

	March 31, 2013	
Assets		
Current assets:		
Cash, cash equivalents and short-term investments	\$ 36,029	\$ 12,000
Accounts receivable, net	11,135	9,948
Inventories	5,693	5,718
Other current assets	1,500	873
Total current assets	54,357	28,539
Property and equipment, net	3,455	3,430
Intangible assets	29	32
Other assets	286	430
Total assets	\$ 58,127	\$ 32,431
Liabilities and Stockholders' Equity		
Current liabilities:		
Accounts payable and accrued liabilities	\$ 10,664	\$ 10,176
Current maturities of long-term debt and capital lease obligations	2,030	2,029
Total current liabilities	12,694	12,205
Long-term debt and capital lease obligations	5,899	6,407
Other liabilities	934	1,319
Total liabilities	19,527	19,931
Stockholders' equity:		
Common stock	21	17
Additional paid-in capital	151,340	123,157
Other comprehensive (loss) income	(67)	77
Accumulated deficit	(112,694)	(110,751)
Total stockholders' equity	38,600	12,500
Total liabilities and stockholders' equity	\$ 58,127	\$ 32,431

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

	_ <u>Tl</u>	Three Months Ended March 31, 2013 2012	
Cash flows from operating activities:			
Net loss	\$	(1,943)	\$ (1,620)
Adjustments to reconcile net loss to net cash used in operating activities:			
Share-based compensation		518	688
Depreciation and amortization		461	479
Amortization of deferred financing costs		21	52
Loss (gain) on disposal of equipment		15	(13)
Amortization/accretion on investments		(3)	11
Change in allowance for doubtful accounts		8	14
Changes in assets and liabilities			
Accounts receivable		(1,231)	(177)
Inventories		(1)	(450)
Other current assets		(634)	(133)
Accounts payable and accrued liabilities		88	128
Other non-current assets and liabilities		127	(63)
Net cash used in operating activities		(2,574)	(1,084)
Cash flows from investing activities:			
Purchases of available-for-sale securities		(2,549)	(1,496)
Maturities of available-for-sale securities		1,555	1,437
Purchases of equipment		(455)	(662)
Net proceeds from the sale of assets			24
Net cash used in investing activities		(1,449)	(697)
Cash flows from financing activities:			
Net proceeds from sale of stock		26,912	_
Proceeds from debt borrowings		_	10,000
Payments on debt and capital leases		(507)	(6,552)
Proceeds from stock option exercises		1,002	213
Payment of debt fees		(25)	(25)
Shares repurchased for payment of taxes on stock awards		(245)	(198)
Net cash provided by financing activities		27,137	3,438
Effect of exchange rate changes on cash and cash equivalents		(83)	2
Net increase in cash and cash equivalents		23,031	1,659
Cash and cash equivalents - beginning of period		7,753	9,759
Cash and cash equivalents - end of period	\$	30,784	\$ 11,418

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

Reconciliation of Non-GAAP Adjusted Loss (Adjusted EBITDA)

		Three Months	Ended March	arch 31,	
		2013		2012	
Net loss, as reported	\$	(1,943)	\$	(1,620)	
Income tax expense		5		3	
Other expense (a)		138		121	
Depreciation and amortization expense		461		479	
Share-based compensation expense		518		688	
Non-GAAP adjusted loss (adjusted EBITDA)	\$	(821)	\$	(329)	
	Three Months Ended March 31, 2013 2012		31, 2012		
(a) Other includes:		2013		2012	
Net interest expense	\$	(169)	\$	(222)	
Grant income		_		61	
Gain due to exchange rate fluctuation		45		3	
Non-employee stock option (expense) income		(14)		37	
Other expense		(138)		(121)	