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**SECURITIES AND EXCHANGE COMMISSION**  
WASHINGTON, D.C. 20549

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**FORM 8-K**

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**CURRENT REPORT**

**PURSUANT TO SECTION 13 OR 15(d) OF THE  
SECURITIES EXCHANGE ACT OF 1934**

**Date of Report (Date of earliest event reported): January 16, 2013**

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**ATRICURE, INC.**

(Exact name of registrant as specified in charter)

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**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)

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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))
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**Item 1.01 Entry Into a Material Definitive Agreement.**

On January 16, 2013, AtriCure, Inc. (“AtriCure” or the “Company”) entered into a purchase agreement (the “Purchase Agreement”) with Piper Jaffray & Co. (the “Underwriter”) relating to the issuance and sale (the “Offering”) of 3,475,000 shares of Company Common Stock, par value \$0.001 per share (the “Shares”) at a per Share price of \$7.25. Pursuant to the Purchase Agreement, the Company also granted the Underwriter the right to purchase an additional 521,250 shares within 30 days of January 16, 2013 to cover over-allotments, if any.

The Company estimates that it will receive net proceeds of approximately \$23.4 million from the Offering after deducting underwriting discounts and commissions and offering expenses. The Company intends to use the net proceeds from the Offering for general corporate purposes and working capital. The Offering is subject to customary closing conditions and is expected to close on or about January 22, 2013.

The foregoing is only a brief description of the material terms of the Purchase Agreement and does not purport to be a complete description of the rights and obligations of the parties thereunder and is qualified in its entirety by reference to the Purchase Agreement, which is filed hereto as Exhibit 1.1 and incorporated by reference herein.

The legal opinion, including the related consent, of Keating Muething & Klekamp PLL relating to the issuance of the Shares is filed as Exhibit 5.1 to this Current Report on Form 8-K.

On January 15, 2013, we issued a press release announcing that we had commenced the Offering. On January 16, 2013, we issued a press release announcing that we had priced the Offering. The press releases are attached hereto as Exhibits 99.1 and 99.2, respectively.

**Item 9.01 Financial Statements and Exhibits.**

(d) Exhibits.

<u>Exhibit No.</u>	<u>Description</u>
1.1	Purchase Agreement dated January 16, 2013 by and between AtriCure, Inc. and Piper Jaffray & Co.
5.1	Opinion of Keating Muething & Klekamp PLL.
23.1	Consent of Keating Muething & Klekamp PLL (included in Exhibit 5.1).
99.1	Press Release of AtriCure, Inc. dated January 15, 2013.
99.2	Press Release of AtriCure, Inc. dated January 16, 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: January 16, 2013

By: /s/ M. Andrew Wade

M. Andrew Wade

Vice President and Chief Financial Officer

3,475,000 Shares<sup>1</sup>

ATRICURE, INC.

Common Stock

PURCHASE AGREEMENT

January 16, 2013

PIPER JAFFRAY & CO.  
U.S. Bancorp Center  
800 Nicollet Mall  
Minneapolis, Minnesota 55402

Ladies and Gentlemen:

AtriCure, Inc., a Delaware corporation (the "**Company**"), proposes to sell to Piper Jaffray & Co. (the "**Underwriter**") an aggregate of 3,475,000 shares (the "**Firm Shares**") of common stock, \$0.001 par value per share (the "Common Stock"), of the Company. The Company has also granted to the Underwriter an option to purchase up to an aggregate of 521,250 additional shares of Common Stock, on the terms and for the purposes set forth in Section 3 hereof (the "**Option Shares**"). The Firm Shares and any Option Shares purchased pursuant to this Purchase Agreement are herein collectively called the "**Securities**."

The Company hereby confirms its agreement with respect to the sale of the Securities to the Underwriter.

1. **Registration Statement and Prospectus.** The Company has prepared and filed with the Securities and Exchange Commission (the "**Commission**") a registration statement on Form S-3 (File No. 333-175288) under the Securities Act of 1933, as amended (the "**Securities Act**" or "**Act**") and the rules and regulations (the "**Rules and Regulations**") of the Commission thereunder, and such amendments to such registration statement as may have been required to the date of this Agreement. Such registration statement has been declared effective by the Commission. Such registration statement, at any given time, including amendments thereto to such time, the exhibits and any schedules thereto at such time, the documents incorporated by reference therein pursuant to Item 12 of Form S-3 under the Securities Act at such time and the documents and information otherwise deemed to be a part thereof or included therein by Rule 430B under the Securities Act (the "**Rule 430B Information**") or otherwise pursuant to the Rules and Regulations at such time, is herein called the "**Registration Statement**." The Registration Statement at the time it originally became effective is herein called the "**Original Registration Statement**." Any registration statement filed by the Company pursuant to Rule 462(b) under the Securities Act is called the "**Rule 462(b) Registration Statement**" and, from and after the date and time of filing of the Rule 462(b) Registration Statement, the term "**Registration Statement**" shall include the Rule 462(b) Registration Statement.

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<sup>1</sup> Plus an option to purchase up to 521,250 additional shares to cover over-allotments.

The prospectus in the form in which it appeared in the Original Registration Statement is herein called the “**Base Prospectus**.” Each preliminary prospectus supplement to the Base Prospectus (including the Base Prospectus as so supplemented), that describes the Securities and the offering thereof, that omitted the Rule 430B Information and that was used prior to the filing of the final prospectus supplement referred to in the following sentence is herein called a “**Preliminary Prospectus**.” Promptly after execution and delivery of this Agreement, the Company will prepare and file with the Commission a final prospectus supplement to the Base Prospectus relating to the Securities and the offering thereof in accordance with the provisions of Rule 430B and Rule 424(b) of the Rules and Regulations. Such final supplemental form of prospectus (including the Base Prospectus as so supplemented), in the form filed with the Commission pursuant to Rule 424(b) is herein called the “**Prospectus**.” Any reference herein to the Base Prospectus, any Preliminary Prospectus or the Prospectus shall be deemed to refer to and include the documents incorporated by reference therein pursuant to Item 12 of Form S-3 under the Securities Act as of the date of such prospectus.

For purposes of this Agreement, all references to the Registration Statement, the Rule 462(b) Registration Statement, the Base Prospectus, any Preliminary Prospectus, the Prospectus or any amendment or supplement to any of the foregoing shall be deemed to include the copy filed with the Commission pursuant to its Electronic Data Gathering, Analysis and Retrieval System (“**EDGAR**”). All references in this Agreement to financial statements and schedules and other information which is “described,” “contained,” “included” or “stated” in the Registration Statement, the Base Prospectus, any Preliminary Prospectus or the Prospectus (or other references of like import) shall be deemed to mean and include all such financial statements and schedules and other information which is incorporated by reference in or otherwise deemed by the Rules and Regulations to be a part of or included in the Registration Statement, the Base Prospectus, any Preliminary Prospectus or the Prospectus, as the case may be; and all references in this Agreement to amendments or supplements to the Registration Statement, the Base Prospectus, any Preliminary Prospectus or the Prospectus shall be deemed to mean and include the subsequent filing of any document under the Securities Exchange Act of 1934, as amended (the “**Exchange Act**”) and which is deemed to be incorporated therein by reference therein or otherwise deemed by the Rules and Regulations to be a part thereof.

**2. Representations and Warranties of the Company.** The Company represents and warrants to, and agrees with, the Underwriter as follows:

(a) The Time of Sale Disclosure Package (as defined below) at the Time of Sale (as defined below) complied in all material respects with the requirements of the Securities Act and the Rules and Regulations and did not contain an untrue statement of a material fact or omit to state a material fact required to be stated therein or necessary to make the statements therein, in light of the circumstances under which they were made, not misleading. The preceding sentence does not apply to statements in or omissions from the Time of Sale Disclosure Package based upon and in conformity with written information furnished to the Company by the Underwriter specifically for use therein; it being understood and agreed that the only such information furnished by the Underwriter consists of the information described as such in Section 6(f).

(b) The Original Registration Statement was initially declared effective by the Commission under the Securities Act on July 20, 2011. The Company has complied, to the Commission’s satisfaction, with all requests of the Commission for additional or supplemental information. No stop order suspending the effectiveness of the Registration Statement is in effect and no proceedings for such purpose have been instituted or are pending or, to the knowledge of the Company, are contemplated or threatened by the Commission.

(c) Each part of the Registration Statement at the time such part became effective (including each deemed effective date with respect to the Underwriter pursuant to Rule 430B or otherwise under the Securities Act), at all other subsequent times until the expiration of the Prospectus Delivery Period (as defined below), and at the First Closing Date and the Second Closing Date (as defined below), as the case may be, and the Prospectus (or any amendment or supplement to the Prospectus), at the time of filing or the time of first use within the meaning of the Rules and Regulations, at all subsequent times until expiration of the Prospectus Delivery Period, and at the First Closing Date and the Second Closing Date, as the case may be, complied and will comply in all material respects with the applicable requirements and provisions of the Securities Act, the Rules and Regulations and the Exchange Act and did not and will not contain any untrue statement of a material fact or omit to state a material fact required to be stated therein or necessary to make the statements therein not misleading. The Prospectus, as amended or supplemented, as of its date, or the time of first use within the meaning of the Rules and Regulations, at all subsequent times until the expiration of the Prospectus Delivery Period, and at the First Closing Date and the Second Closing Date, as the case may be, did not and will not contain any untrue statement of a material fact or omit to state a material fact necessary in order to make the statements therein, in the light of the circumstances under which they were made, not misleading. The representations and warranties set forth in the two immediately preceding sentences do not apply to statements in or omissions from the Registration Statement, or any post-effective amendment thereto, or the Prospectus, or any amendments or supplements thereto, made in reliance upon and in conformity with written information relating to the Underwriter furnished to the Company by the Underwriter specifically for use therein; it being understood and agreed that the only such information furnished by the Underwriter consists of the information described as such in Section 6(f).

(d) Neither (A) any Issuer General Free Writing Prospectus(es) issued at or prior to the Time of Sale and set forth on Schedule I, the information set forth on Schedule II and the Statutory Prospectus at the Time of Sale, all considered together (collectively, the “**Time of Sale Disclosure Package**”), nor (B) any individual Issuer Limited-Use Free Writing Prospectus, when considered together with the Time of Sale Disclosure Package, includes or included as of the Time of Sale any untrue statement of a material fact or omit or omitted as of the Time of Sale to state any material fact necessary in order to make the statements therein, in the light of the circumstances under which they were made, not misleading. The preceding sentence does not apply to statements in or omissions from any Statutory Prospectus or any Issuer Free Writing Prospectus based upon and in conformity with written information furnished to the Company by the Underwriter specifically for use therein; it being understood and agreed that the only such information furnished by the Underwriter consists of the information described as such in Section 6(f). As used in this paragraph and elsewhere in this Agreement:

(i) “**Time of Sale**” means 8:30 a.m. (New York time) on the date of this Agreement, or such other time as agreed to by the Company and the Underwriter.

(ii) “**Statutory Prospectus**” means the Base Prospectus, as amended and supplemented immediately prior to the Time of Sale, including any document incorporated by reference therein and any prospectus supplement deemed to be a part thereof. For purposes of this definition, Rule 430B Information contained in a form of prospectus that is deemed retroactively to be a part of the Registration Statement shall be considered to be included in the Statutory Prospectus as of the actual time that form of prospectus is filed with the Commission pursuant to Rule 424(b) under the Securities Act.

(iii) “**Issuer Free Writing Prospectus**” means any “issuer free writing prospectus,” as defined in Rule 433 under the Securities Act, relating to the Securities that (A) is required to be filed with the Commission by the Company, or (B) is exempt from filing pursuant to Rule 433(d)(5)(i) under the Securities Act because it contains a description of the Securities or of the offering that does not reflect the final terms, or is a “bona fide electronic roadshow,” as defined in Rule 433 of the Rules and Regulations, in each case in the form filed or required to be filed with the Commission or, if not required to be filed, in the form retained in the Company’s records pursuant to Rule 433(g) under the Securities Act.

(iv) “**Issuer General Free Writing Prospectus**” means any Issuer Free Writing Prospectus that is intended for general distribution to prospective investors, as evidenced by its being specified in Schedule I hereto.

(v) “**Issuer Limited-Use Free Writing Prospectus**” means any Issuer Free Writing Prospectus that is not an Issuer General Free Writing Prospectus.

(e) (A) Each Issuer Free Writing Prospectus, as of its issue date and at all subsequent times through the Prospectus Delivery Period or until any earlier date that the Company notified or notifies the Underwriter as described in Section 4(c)(B), did not, does not and will not include any information that conflicted, conflicts or will conflict with the information contained in the Registration Statement, any Statutory Prospectus or the Prospectus. The foregoing sentence does not apply to statements in or omissions from any Issuer Free Writing Prospectus based upon and in conformity with written information furnished in writing to the Company by the Underwriter specifically for use therein; it being understood and agreed that the only such information furnished by the Underwriter consists of the information described as such in Section 6(f).

(B)(1) At the earliest time after the filing of the Registration Statement that the Company or another offering participant made a *bona fide* offer (within the meaning of Rule 164(h)(2) under the Securities Act) of the Securities and (2) at the date hereof, the Company was not and is not an “ineligible issuer,” as defined in Rule 405 under the Securities Act, in the preceding three years not having been convicted of a felony or misdemeanor or having been made the subject of a judicial or administrative decree or order as described in Rule 405 (without taking account of any determination by the Commission pursuant to Rule 405 that it is not necessary that the Company be considered an ineligible issuer), nor an “excluded issuer” as defined in Rule 164 under the Securities Act.

(C) Each Issuer Free Writing Prospectus satisfied, as of its issue date and at all subsequent times through the Prospectus Delivery Period, all other conditions to use thereof as set forth in Rules 164 and 433 under the Securities Act.

(f) The financial statements of the Company, together with the related notes, set forth or incorporated by reference, in the Registration Statement, the Time of Sale Disclosure Package and the Prospectus comply in all material respects with the requirements of the Securities Act and the Exchange Act and fairly present the financial condition of the Company as of the dates indicated and the results of operations and changes in cash flows for the periods therein specified in conformity with generally accepted accounting principles in the United States consistently applied throughout the periods involved; and the supporting schedules included in the Registration Statement, the Time of Sale Disclosure Package and the Prospectus have been derived from the accounting records of the Company and present fairly the information required to be stated therein. No other schedules or financial statements are required to be included in the Registration Statement, the Time of Sale Disclosure Package or the Prospectus. To the Company’s knowledge, Deloitte & Touche LLP, which has expressed its opinion with respect to the financial statements filed as a part of the Registration Statement and included in the Registration Statement, the Time of Sale Disclosure Package and the Prospectus, is (x) an independent public accounting firm within the meaning of the Securities Act and the Rules and Regulations, (y) a registered public accounting firm (as defined in Section 2(a)(12) of the Sarbanes-Oxley Act of 2002 (the “*Sarbanes-Oxley Act*”)) and (z) in the performance of its work for the Company, not in violation of the auditor independence requirements of the Sarbanes-Oxley Act. Except as described in the Time of Sale Disclosure Package and the Prospectus, there are no material off-balance sheet transactions,

arrangements, obligations (including contingent obligations), or any other relationships with unconsolidated entities or other persons, that may have a material current or, to the Company's knowledge, future effect on the Company's financial condition, changes in financial condition, results of operations, liquidity, capital expenditures, capital resources or significant components of revenue or expenses. All non-GAAP financial information included in the Registration Statement, the Time of Sale Disclosure Package and the Prospectus complies with the requirements of Regulation G and Item 10 of Regulation S-K under the Securities Act. The interactive data in eXtensible Business Reporting Language included in the Registration Statement, the Time of Sale Disclosure Package and the Prospectus fairly presents the information called for in all material respects and has been prepared in all material respects in accordance with the Commission's rules and guidelines applicable thereto.

(g) Each of (i) the Company, (ii) AtriCure Europe B.V., its Netherlands subsidiary and (iii) AtriCure, LLC, its Delaware subsidiary (together with AtriCure Europe B.V., the "**Subsidiaries**") has been duly organized and is validly existing in good standing (or the foreign equivalent thereof) under the laws of their respective jurisdictions of incorporation or organization and each such entity has all requisite power and authority to own its properties and conduct its business as currently being conducted and as described in the Registration Statement, the Time of Sale Disclosure Package and the Prospectus, and is duly qualified to do business as a foreign entity in good standing in each jurisdiction in which the failure to so qualify might result in a material adverse change in the general affairs, condition (financial or otherwise), business, prospects, property, operations or results of operations of the Company and the Subsidiaries, taken as a whole ("**Material Adverse Change**"). All of the issued shares of capital stock of, or other ownership interests in the Subsidiaries have been duly and validly authorized and issued and are fully paid and non-assessable and are owned, directly or indirectly, by the Company, free and clear of any lien, charge, mortgage, pledge, security interest, claim, limitation on voting rights, equity, trust or other encumbrance, preferential arrangement, defect or restriction of any kind whatsoever.

(h) Except as contemplated in the Time of Sale Disclosure Package and the Prospectus, subsequent to the respective dates as of which information is given in the Time of Sale Disclosure Package, (a) neither the Company nor the Subsidiaries have incurred any material liabilities or obligations, direct or contingent, or entered into any material transactions, or declared or paid any dividends or made any distribution of any kind with respect to its capital stock; and (b) there has not been any change in the capital stock (other than a change in the number of outstanding shares of Common Stock due to the issuance of equity compensation awards under the Company's equity compensation plans or shares upon the exercise of outstanding options or warrants), or any material change in the short term or long term debt, or any issuance of options, warrants, convertible securities or other rights to purchase the capital stock, of the Company or the Subsidiaries (other than issuances of equity compensation awards under the Company's equity compensation plans), or any Material Adverse Change or any development that could reasonably be expected to result in a Material Adverse Change.

(i) Except as set forth in the Time of Sale Disclosure Package and the Prospectus, there is not pending or, to the knowledge of the Company, threatened or contemplated, any action, suit or proceeding to which the Company or the Subsidiaries are a party or of which any property or assets of the Company or the Subsidiaries is the subject before or by any court or governmental agency, authority or body, or any arbitrator, which, individually or in the aggregate, could reasonably be expected to result in any Material Adverse Change. There are no current or pending legal, governmental or regulatory actions, suits or proceedings that are required to be described in the Registration Statement, the Time of Sale Disclosure Package and the Prospectus that have not been so described.



(j) There are no statutes, regulations, contracts or documents that are required to be described in the Registration Statement, the Time of Sale Disclosure Package and the Prospectus or to be filed as exhibits to the Registration Statement by the Securities Act or by the Rules and Regulations that have not been so described or filed.

(k) This Agreement has been duly authorized, executed and delivered by the Company, and constitutes a valid, legal and binding obligation of the Company, enforceable in accordance with its terms, except as rights to indemnity hereunder may be limited by federal or state securities laws and except as such enforceability may be limited by bankruptcy, insolvency, reorganization or similar laws affecting the rights of creditors generally and subject to general principles of equity. The execution, delivery and performance of this Agreement and the consummation of the transactions herein contemplated will not (A) conflict with or result in a breach or violation of any of the terms or provisions of, or constitute a default under, or result in the creation or imposition of any lien, charge or encumbrance upon any property or assets of the Company pursuant to, any indenture, mortgage, deed of trust, loan agreement or other agreement or instrument to which the Company is a party or by which the Company is bound or to which any of the property or assets of the Company is subject, (B) result in any violation of the provisions of the charter or by-laws of the Company or (C) result in the violation of any law or statute or any judgment, order, rule or regulation of any court or arbitrator or governmental agency or regulatory authority, except, in the case of clauses (A) and (C) would not, individually or in the aggregate, reasonably be expected to result in a Material Adverse Change. No consent, approval, authorization or order of, or filing with, any court or governmental agency or body is required for the execution, delivery and performance of this Agreement or for the consummation of the transactions contemplated hereby, including the issuance or sale of the Securities by the Company, except such as may be required under the Securities Act, the rules of the Financial Industry Regulatory Authority (“*FINRA*”) or state securities or blue sky laws; and the Company has full power and authority to enter into this Agreement and to consummate the transactions contemplated hereby including the authorization, issuance and sale of the Securities as contemplated by this Agreement.

(l) All of the issued and outstanding shares of capital stock of the Company, including the outstanding shares of Common Stock, are duly authorized and validly issued, fully paid and nonassessable, have been issued in compliance with all federal and state securities laws, were not issued in violation of or subject to any preemptive rights or other rights to subscribe for or purchase securities that have not been waived in writing (a copy of which has been delivered to counsel to the Underwriter); the Securities which may be sold hereunder by the Company have been duly authorized and, when issued, delivered and paid for in accordance with the terms of this Agreement, will have been validly issued and will be fully paid and nonassessable; and the capital stock of the Company, including the Common Stock and the Securities, conforms to the description thereof in the Registration Statement, the Time of Sale Disclosure Package and the Prospectus. Except as otherwise described in the Registration Statement, the Time of Sale Disclosure Package and the Prospectus, there are no preemptive rights or other rights to subscribe for or to purchase, or any restriction upon the voting or transfer of, any shares of Common Stock pursuant to the Company’s charter, by laws or any agreement or other instrument to which the Company is a party or by which the Company is bound, other than options to purchase common stock under the Company’s existing stock option plans. Except as described in the Registration Statement, in the Time of Sale Disclosure Package and in the Prospectus, neither the filing of the Registration Statement nor the offering or sale of the Securities as contemplated by this Agreement gives rise to any rights for or relating to the registration of any shares of Common Stock or other securities of the Company that have not been fully complied with or previously waived. Except as described in the Registration Statement, the Time of Sale Disclosure Package and the Prospectus, there are no options, warrants, agreements, contracts or other rights in existence to purchase or acquire from the Company any shares of the capital stock of the Company. The Company has an authorized and outstanding capitalization as set forth in the Registration Statement, the Time of Sale Disclosure Package and the Prospectus. The description of the Company’s stock option, stock bonus and other stock plans or arrangements, and the options or other rights granted thereunder, set forth in the Time of Sale Disclosure Package and the Prospectus accurately and fairly presents the information required to be shown with respect to such plans, arrangements, options and rights. Except as set forth in the Time of Sale Disclosure Package, the Company is not a participant in any joint venture, partnership or similar arrangement.

(m) Each of the Company and the Subsidiaries holds, and is operating in compliance with, all franchises, grants, authorizations, licenses, permits, easements, consents, certificates and orders of any Governmental Authority or self-regulatory body required for the conduct of its business, and all such franchises, grants, authorizations, licenses, permits, easements, consents, certifications and orders are valid and in full force and effect, except as would not individually or in the aggregate, reasonably be expected to result in any Material Adverse Change; and neither the Company nor the Subsidiaries has received notice of any revocation or modification of any such franchise, grant, authorization, license, permit, easement, consent, certification or order or has reason to believe that any such franchise, grant, authorization, license, permit, easement, consent, certification or order will not be renewed in the ordinary course, except as would not individually or in the aggregate, reasonably be expected to result in any Material Adverse Change; and each of the Company and the Subsidiaries is in compliance with all applicable federal, state, local and foreign laws, regulations, orders and decrees, except as would not individually or in the aggregate, reasonably be expected to result in any Material Adverse Change.

(n) Each of the Company and the Subsidiaries has good and marketable title to all property (whether real or personal) described in the Registration Statement, the Time of Sale Disclosure Package and the Prospectus as being owned by them, in each case free and clear of all liens, claims, security interests, other encumbrances or defects except as described in the Registration Statement, the Time of Sale Disclosure Package and the Prospectus, and except those that could not, individually or in the aggregate, reasonably be expected to result in a Material Adverse Change. The property held under lease by the Company and the Subsidiaries is held by them under valid, subsisting and enforceable leases with only such exceptions with respect to any particular lease as do not interfere in any material respect with the conduct of the business of the Company or the Subsidiaries.

(o) The Company and the Subsidiaries own, possess, or can acquire on reasonable terms, all Intellectual Property necessary for the conduct of their business as now conducted or as described in the Registration Statement, the Time of Sale Disclosure Package and the Prospectus to be conducted, except as such failure to own, possess, or acquire such rights would not result in a Material Adverse Change. Except as set forth in the Registration Statement, the Time of Sale Disclosure Package and the Prospectus, (A) to the knowledge of the Company, there is no infringement, misappropriation or violation by third parties of any such Intellectual Property, except as such infringement, misappropriation or violation would not result in a Material Adverse Change; (B) there is no pending or, to the knowledge of the Company, threatened action, suit, proceeding or claim by others challenging the Company's or the Subsidiaries' rights in or to any such Intellectual Property, and the Company is unaware of any facts which would form a reasonable basis for any such claim; (C) the Intellectual Property owned by the Company and the Subsidiaries, and to the knowledge of the Company, the Intellectual Property licensed to the Company and the Subsidiaries, has not been adjudged invalid or unenforceable, in whole or in part, and there is no pending or threatened action, suit, proceeding or claim by others challenging the validity or scope of any such Intellectual Property, and the Company is unaware of any facts which would form a reasonable basis for any such claim; (D) there is no pending or, to the Company's knowledge, threatened action, suit, proceeding or claim by others that the Company or the Subsidiaries infringe, misappropriate or otherwise violate any Intellectual Property or other proprietary rights of others, and neither the Company nor the Subsidiaries have received any written notice of such claim and the Company is unaware of any other fact which would form a reasonable basis for any such claim; and (E) to the Company's knowledge, no employee of the Company or the Subsidiaries is in or has ever been in violation of any term of any employment contract, patent disclosure agreement, invention assignment agreement, non-competition agreement, non-solicitation agreement, nondisclosure agreement or any

restrictive covenant to or with a former employer where the basis of such violation relates to such employee's employment with the Company or the Subsidiaries or actions undertaken by the employee while employed with the Company or the Subsidiaries, except as such violation would not result in a Material Adverse Change. "**Intellectual Property**" shall mean all patents, patent applications, trade and service marks, trade and service mark registrations, trade names, copyrights, licenses, inventions, trade secrets, technology, know-how and other intellectual property.

(p) Neither the Company nor the Subsidiaries are (A) in violation of its charter or by laws; (B) in breach of or otherwise in default, and no event has occurred which, with notice or lapse of time or both, would constitute such a default in the performance or observance of any term, covenant, obligation, agreement or condition contained in any bond, debenture, note, indenture, loan agreement, mortgage, deed of trust or any other contract, lease or other instrument to which it is subject or by which it may be bound, or to which any of the material property or assets of the Company or the Subsidiaries is subject; or (C) in violation of any law or statute or any judgment, order, rule or regulation of any court or arbitrator or governmental or regulatory authority, except in the case of (B) and (C) above, as could not, individually or in the aggregate, reasonably be expected to result in a Material Adverse Change.

(q) Each of the Company and the Subsidiaries has timely filed all federal, state, local and foreign income and franchise tax returns required to be filed and is not in default in the payment of any material taxes which was payable pursuant to said returns or any assessments with respect thereto, other than any which the Company or the Subsidiaries are contesting in good faith. There is no pending dispute with any taxing authority relating to any of such returns and the Company has no knowledge of any proposed liability for any tax to be imposed upon the properties or assets of the Company or the Subsidiaries for which there is not an adequate reserve reflected in the Company's financial statements included in the Registration Statement, the Time of Sale Disclosure Package and the Prospectus.

(r) Other than the Subsidiaries, the Company, directly or indirectly, owns no capital stock or other equity or ownership or proprietary interest in any corporation, partnership, association, trust or other entity.

(s) The Company has not distributed and will not distribute any prospectus or other offering material in connection with the offering and sale of the Securities other than the Time of Sale Disclosure Package or the Prospectus or other materials permitted by the Securities Act to be distributed by the Company; *provided, however*, that, except as set forth on Schedule I, the Company has not made and will not make any offer relating to the Securities that would constitute a "free writing prospectus" as defined in Rule 405 under the Securities Act, except in accordance with the provisions of Section 4(p) of this Agreement.

(t) The Common Stock of the Company is registered pursuant to Section 12(b) of the Exchange Act and is listed on The NASDAQ Global Market ("**NASDAQ**") under the ticker symbol "ATRC." The Company has taken no action designed to, or likely to have the effect of, terminating the registration of the Common Stock under the Exchange Act or delisting the Common Stock from NASDAQ nor has the Company received any notice that it is not in compliance with the listing or maintenance requirements of NASDAQ. The Company believes that it is, and has no reason to believe that it will not in the foreseeable future continue to be, in material compliance with all such listing and maintenance requirements. Except as described in the Registration Statement, the Time of Sale Disclosure Package or the Prospectus, there are no affiliations among the Company's directors and officers and members of the FINRA. A Registration Statement relating to the Common Stock on Form 8-A or other applicable form under the Exchange Act has become effective.

(u) The Company maintains a system of internal accounting controls sufficient to provide reasonable assurances that (A) transactions are executed in accordance with management's general or specific authorization; (B) transactions are recorded as necessary to permit preparation of financial statements in conformity with generally accepted accounting principles in the United States and to maintain accountability for assets; (C) access to assets is permitted only in accordance with management's general or specific authorization; and (D) the recorded accountability for assets is compared with existing assets at reasonable intervals and appropriate action is taken with respect to any differences. Except as disclosed in the Registration Statement, in the Time of Sale Disclosure Package and in the Prospectus, as of the date of the latest audited financial statements included in the Registration Statement, the Time of Sale Disclosure Package and Prospectus, the Company's internal control over financial reporting is effective and none of the Company, its board of directors and audit committee is aware of any "significant deficiencies" or "material weaknesses" (each as defined by the Public Company Accounting Oversight Board) in its internal control over financial reporting, or any fraud that involves management or other employees of the Company who have a significant role in the Company's internal controls; and since the end of the latest audited fiscal year, there has been no change in the Company's internal control over financial reporting (whether or not remediated) that has materially affected, or is reasonably likely to materially affect, the Company's internal control over financial reporting. The Company's board of directors has, subject to the exceptions, cure periods and the phase in periods specified in the applicable stock exchange rules ("**Exchange Rules**"), validly appointed an audit committee to oversee internal accounting controls whose composition satisfies the applicable requirements of the Exchange Rules and the Company's board of directors and/or the audit committee has adopted a charter that satisfies the requirements of the Exchange Rules.

(v) The Company's board of directors has validly appointed an audit committee whose composition satisfies the applicable requirements of the NASDAQ Global Market and the Company's board of directors and/or the audit committee has adopted a charter that satisfies the applicable requirements of the NASDAQ Global Market.

(w) No relationship, direct or indirect, exists between or among the Company and the Subsidiaries, on the one hand, and the directors, officers, stockholders, customers or suppliers of the Company, on the other hand, which is required to be described in the Registration Statement, the Time of Sale Disclosure Package and the Prospectus which is not so described. The Company has not, directly or indirectly, extended or maintained credit, or arranged for the extension of credit, or renewed an extension of credit, in the form of a personal loan to or for any of its directors or executive officers in violation of applicable laws, including Section 402 of the Sarbanes-Oxley Act.

(x) Except as described in the Registration Statement, the Time of Sale Disclosure Package and the Prospectus, the Company and the Subsidiaries: (A) are and at all times have been in material compliance with all statutes, rules, regulations, or guidances applicable to Company and the Subsidiaries and the ownership, testing, development, manufacture, packaging, processing, use, distribution, marketing, labeling, promotion, sale, offer for sale, storage, import, export or disposal of any product manufactured or distributed by the Company ("**Applicable Laws**"), except as could not, individually or in the aggregate, reasonably be expected to result in a Material Adverse Change; (B) have not received any notice of adverse finding, warning letter, untitled letter or other correspondence or notice from the U.S. Food and Drug Administration or any other federal, state or foreign governmental authority having authority over the Company ("**Governmental Authority**") alleging or asserting noncompliance with any Applicable Laws or any licenses, certificates, approvals, clearances, authorizations, permits and supplements or amendments thereto required by any such Applicable Laws ("**Authorizations**") except as could not, individually or in the aggregate, reasonably be expected to result in a Material Adverse Change; (C) possess all material Authorizations and such Authorizations are valid and in full force and effect and are not in violation of any term of any such Authorizations; (D) have not received notice of any

claim, action, suit, proceeding, hearing, enforcement, investigation, arbitration or other action from any Governmental Authority or third party alleging that any product operation or activity is in violation of any Applicable Laws or Authorizations and have no knowledge that any such Governmental Authority or third party is considering any such claim, litigation, arbitration, action, suit, investigation or proceeding; (E) have not received notice that any Governmental Authority has taken, is taking or intends to take action to limit, suspend, modify or revoke any Authorizations and the Company has no knowledge that any such Governmental Authority is considering such action; and (F) have filed, obtained, maintained or submitted all material reports, documents, forms, notices, applications, records, claims, submissions and supplements or amendments as required by any Applicable Laws or Authorizations and that all such reports, documents, forms, notices, applications, records, claims, submissions and supplements or amendments were complete and correct in all material respects on the date filed (or were corrected or supplemented by a subsequent submission).

(y) The studies, tests and preclinical and clinical trials conducted by or on behalf of the Company and the Subsidiaries were and, if still pending, are, in all material respects, being conducted in accordance with experimental protocols, procedures and controls pursuant to accepted professional scientific standards and all Applicable Laws and Authorizations, including, without limitation, the Federal Food, Drug and Cosmetic Act; the descriptions of the results of such studies, tests and trials contained in the Registration Statement, the Time of Sale Disclosure Package and the Prospectus are accurate and complete in all material respects and fairly present the data derived from such studies, tests and trials; except to the extent disclosed in the Registration Statement, the Time of Sale Disclosure Package and the Prospectus, the Company is not aware of any studies, tests or trials the results of which the Company believes reasonably call into question the study, test, or trial results described or referred to in the Registration Statement, the Time of Sale Disclosure Package and the Prospectus when viewed in the context in which such results are described and the clinical state of development; and neither the Company nor the Subsidiaries have received any notices or correspondence from any Governmental Authority requiring the termination, suspension or material modification of any studies, tests or preclinical or clinical trials conducted by or on behalf of the Company or the Subsidiaries.

(z) The Company and the Subsidiaries (A) are in compliance with any and all applicable federal, state, local and foreign laws, rules, regulations, decisions and orders relating to the protection of human health and safety, the environment or hazardous or toxic substances or wastes, pollutants or contaminants (collectively, "**Environmental Laws**"); (B) have received and are in material compliance with all permits, licenses or other approvals required of them under applicable Environmental Laws to conduct their business; and (C) have not received notice of any actual or potential liability for the investigation or remediation of any disposal or release of hazardous or toxic substances or wastes, pollutants or contaminants, except in any such case for any such failure to comply, or failure to receive required permits, licenses or approvals, or liability as would not, individually or in the aggregate, result in a Material Adverse Change.

(aa) The documents incorporated by reference in the Time of Sale Disclosure Package and in the Prospectus, when they became effective or were filed with the Commission, as the case may be, conformed in all material respects to the requirements of the Securities Act or the Exchange Act, as applicable, and were filed on a timely basis with the Commission, and none of such documents contained an untrue statement of a material fact or omitted to state a material fact necessary to make the statements therein, in the light of the circumstances under which they were made, not misleading; any further documents so filed and incorporated by reference in the Time of Sale Disclosure Package or in the Prospectus, when such documents are filed with the Commission, will conform in all material respects to the requirements of the Exchange Act, and will not contain an untrue statement of a material fact or omit to state a material fact necessary to make the statements therein, in the light of the circumstances under which they were made, not misleading.

(bb) The Company and the Subsidiaries (A) are in compliance, in all material respects, with any and all applicable foreign, federal, state and local laws, rules, regulations, treaties, statutes and codes promulgated by any and all governmental authorities (including pursuant to the Occupational Health and Safety Act) relating to the protection of human health and safety in the workplace (“**Occupational Laws**”); (B) have received all material permits, licenses or other approvals required of it under applicable Occupational Laws to conduct its business as currently conducted; and (C) are in compliance, in all material respects, with all terms and conditions of such permit, license or approval. No action, proceeding, revocation proceeding, writ, injunction or claim is pending or, to the Company’s knowledge, threatened against the Company and the Subsidiaries relating to Occupational Laws, and the Company does not have knowledge of any facts, circumstances or developments relating to its operations or cost accounting practices that could reasonably be expected to form the basis for or give rise to such actions, suits, investigations or proceedings.

(cc) Each employee benefit plan, within the meaning of Section 3(3) of the Employee Retirement Income Security Act of 1974, as amended (“**ERISA**”), that is maintained, administered or contributed to by the Company, the Subsidiaries, or any of their affiliates for employees or former employees of the Company and the Subsidiaries and has been maintained in material compliance with its terms and the requirements of any applicable statutes, orders, rules and regulations, including but not limited to, ERISA and the Internal Revenue Code of 1986, as amended (the “**Code**”). No prohibited transaction, within the meaning of Section 406 of ERISA or Section 4975 of the Code, has occurred with respect to any such plan excluding transactions effected pursuant to a statutory or administrative exemption; and for each such plan that is subject to the funding rules of Section 412 of the Code or Section 302 of ERISA, no “accumulated funding deficiency” as defined in Section 412 of the Code has been incurred, whether or not waived, and the fair market value of the assets of each such plan (excluding for these purposes accrued but unpaid contributions) exceeds the present value of all benefits accrued under such plan determined using reasonable actuarial assumptions.

(dd) Except as set forth in the Registration Statement, the Time of Sale Disclosure Package and the Prospectus, neither the Company nor the Subsidiaries have granted rights to develop, manufacture, produce, assemble, distribute, license, market or sell its products to any other person and is not bound by any agreement that affects either the Company’s or the Subsidiaries’ exclusive right to develop, manufacture, produce, assemble, distribute, license, market or sell its products.

(ee) Nothing has come to the attention of the Company that has caused the Company to believe that the statistical and market-related data included in the Registration Statement, the Time of Sale Disclosure Package and the Prospectus is not based on or derived from sources that are reliable and accurate in all material respects.

(ff) Other than as contemplated by this Agreement, neither the Company nor the Subsidiaries have incurred any liability for any finder’s or broker’s fee or agent’s commission in connection with the execution and delivery of this Agreement or the consummation of the transactions contemplated hereby.

(gg) Neither the Company nor the Subsidiaries are presently doing business with the government of Cuba or with any person or affiliate located in Cuba.

(hh) The Company and the Subsidiaries carry, or are covered by, insurance in such amounts and covering such risks as is adequate for the conduct of their business and the value of its properties and as is customary for companies engaged in similar businesses in similar industries; and neither the Company nor the Subsidiaries has (A) received notice from any insurer or agent of such insurer that capital improvements or other expenditures are required or necessary to be made in order to

continue such insurance or (B) reason to believe that it will not be able to renew its existing insurance coverage as and when such coverage expires or to obtain similar coverage at reasonable cost from similar insurers as may be necessary to continue its business. All such insurance is outstanding and duly in force on the date hereof.

(ii) No labor problem or dispute with the employees of the Company or the Subsidiaries exists or, to the knowledge of the Company, is threatened or imminent that could reasonably be expected to result in a Material Adverse Change.

(jj) Neither the Company, nor the Subsidiaries, nor, to the best knowledge of the Company, any director, officer, agent, employee or other person associated with or acting on behalf of the Company or the Subsidiaries has (A) used any corporate funds for any unlawful contribution, gift, entertainment or other unlawful expense relating to political activity; (B) made any direct or indirect unlawful payment to any foreign or domestic government official or employee from corporate funds; (C) violated or is in violation of any provision of the Foreign Corrupt Practices Act of 1977; or (D) made any bribe, rebate, payoff, influence payment, kickback or other unlawful payment.

(kk) The Company is not and, after giving effect to the offering and sale of the Securities, will not be an “investment company,” as such term is defined in the Investment Company Act of 1940, as amended.

(ll) Except as described in the Prospectus or otherwise obtained by the Company, no approval of the shareholders of the Company is required for the Company to issue and deliver to the Underwriter the Securities, including such as may be required pursuant to the rules and regulations of any trading market.

(mm) The conditions for use of Form S-3, set forth in the General Instructions thereto, have been satisfied.

(nn) The Company is in compliance in all material respects with all applicable provisions of the Sarbanes-Oxley Act and the rules and regulations of the Commission thereunder.

(oo) The Company has established and maintains disclosure controls and procedures (as defined in Rules 13a-14 and 15d-14 under the Exchange Act) and such controls and procedures are effective in ensuring that material information relating to the Company is made known to the principal executive officer and the principal financial officer. The Company has utilized such controls and procedures in preparing and evaluating the disclosures in the Registration Statement, in the Time of Sale Disclosure Package and in the Prospectus.

(pp) The Company and its board of directors have taken all necessary action, if any, in order to render inapplicable any control share acquisition, business combination, poison pill (including any distribution under a rights agreement) or other similar anti-takeover provision under the Company’s charter documents or the laws of its state of incorporation that is or could reasonably be expected to become applicable to the Underwriter as a result of the Underwriter and the Company fulfilling their obligations or exercising their rights under the Agreement, including, without limitation, the Company’s issuance of the Securities and the Underwriter’s ownership of the Securities.

3. **Purchase, Sale and Delivery of Securities.**

(a) On the basis of the representations, warranties and agreements herein contained, but subject to the terms and conditions herein set forth, the Company agrees to issue and sell the Firm Shares to the Underwriter, and the Underwriter agrees to purchase from the Company 3,475,000 Firm Shares, subject to adjustments in accordance with Section 9 hereof. The purchase price for each Firm Share shall be \$6.815 per share.

The Firm Shares will be delivered by the Company to the Underwriter for the account of the Underwriter against payment of the purchase price therefor by wire transfer of same day funds payable to the order of the Company at the offices of Piper Jaffray & Co., U.S. Bancorp Center, 800 Nicollet Mall, Minneapolis, Minnesota, or such other location as may be mutually acceptable, at 9:00 am Central time on the third (or if the Firm Shares are priced, as contemplated by Rule 15c6-1(c) under the Exchange Act, after 4:30 p.m. Eastern time, the fourth) full business day following the date hereof, or at such other time and date as the Underwriter and the Company determine pursuant to Rule 15c6-1(a) under the Exchange Act, such time and date of delivery being herein referred to as the “**First Closing Date**.” If the Underwriter so elects, delivery of the Firm Shares may be made by credit through full fast transfer to the accounts at The Depository Trust Company designated by the Underwriter.

(b) On the basis of the representations, warranties and agreements herein contained, but subject to the terms and conditions herein set forth, the Company hereby grants to the Underwriter an option to purchase all or any portion of the Option Shares to be sold by the Company hereunder, at the same purchase price as the Firm Shares, for use solely in covering any over-allotments made by the Underwriter in the sale and distribution of the Firm Shares. The option granted hereunder may be exercised in whole or in part at any time and from time to time within 30 days after the effective date of this Agreement upon notice (confirmed in writing) by the Underwriter to the Company setting forth the aggregate number of Option Shares as to which the Underwriter is exercising the option, the names and denominations in which the certificates for the Option Shares are to be registered and the date and time, as determined by the Underwriter, when the Option Shares are to be delivered, such time and date being herein referred to as the “**Second Closing**” and “**Second Closing Date**”, respectively; provided, however, that the Second Closing Date shall not be earlier than the First Closing Date nor earlier than the second business day after the date on which the option shall have been exercised. No Option Shares shall be sold and delivered unless the Firm Shares previously have been, or simultaneously are, sold and delivered.

The Option Shares will be delivered by the Company to the Underwriter against payment of the purchase price therefor by wire transfer of same day funds payable to the order of the Company at the offices of Piper Jaffray & Co., U.S. Bancorp Center, 800 Nicollet Mall, Minneapolis, Minnesota, or such other location as may be mutually acceptable, at 9:00 a.m. Central time, on the Second Closing Date. If the Underwriter so elects, delivery of the Option Shares may be made by credit through full fast transfer to the accounts at The Depository Trust Company designated by the Underwriter.

4. **Covenants.** The Company covenants and agrees with the Underwriter as follows:

(a) During the period beginning on the date hereof and ending on the later of the Second Closing Date and such date, as in the opinion of counsel for the Underwriter, the Prospectus is no longer required by law to be delivered (assuming the absence of Rule 172 under the Securities Act), in connection with sales by the Underwriter (the “**Prospectus Delivery Period**”), prior to amending or supplementing the Registration Statement, including any Rule 462(b) Registration Statement, the Time of Sale Disclosure Package or the Prospectus, the Company shall furnish to the Underwriter for review a copy of each such proposed amendment or supplement, and the Company shall not file any such proposed amendment or supplement to which the Underwriter or counsel to the Underwriter reasonably objects. Subject to this [Section 4\(a\)](#), immediately following execution of this Agreement, the Company will prepare the Prospectus containing the Rule 430B Information and other selling terms of the Securities, the plan of distribution thereof and such other information as may be required by the Securities Act or the Rules and Regulations or as the Underwriter and the Company may deem appropriate, and if requested by



the Underwriter, an Issuer Free Writing Prospectus containing the selling terms of the Securities and such other information as the Company and the Underwriter may deem appropriate, and will file or transmit for filing with the Commission, in accordance with Rule 424(b) or Rule 433, as the case may be, copies of the Prospectus and each Issuer Free Writing Prospectus.

(b) The Company will advise the Underwriter, promptly after it shall receive notice or obtain knowledge thereof, of the issuance by the Commission of any stop order suspending the effectiveness of the Registration Statement, or any post-effective amendment thereto, or preventing or suspending the use of any Preliminary Prospectus, the Time of Sale Disclosure Package, the Prospectus or any Issuer Free Writing Prospectus, of the suspension of the qualification of the Securities for offering or sale in any jurisdiction, or of the initiation or threatening of any proceeding for any such purpose; and the Company will promptly use its best efforts to prevent the issuance of any stop order or to obtain its withdrawal if such a stop order should be issued. Additionally, the Company agrees that it shall comply with the provisions of Rules 424(b), 430A or 430B, as applicable, under the Securities Act and will use its reasonable efforts to confirm that any filings made by the Company under Rule 424(b), Rule 433 or Rule 462 were received in a timely manner by the Commission.

(c) (A) During the Prospectus Delivery Period, the Company will comply as far as it is able with all requirements imposed upon it by the Securities Act, as now and hereafter amended, and by the Rules and Regulations, as from time to time in force, and by the Exchange Act so far as necessary to permit the continuance of sales of or dealings in the Securities as contemplated by the provisions hereof, the Time of Sale Disclosure Package and the Prospectus. If during such period any event shall occur or condition shall exist as a result of which the Prospectus (or if the Prospectus is not yet available to prospective purchasers, the Time of Sale Disclosure Package) would include an untrue statement of a material fact or omit to state a material fact necessary to make the statements therein, in the light of the circumstances then existing, not misleading, or if during such period it is necessary to amend the Registration Statement or supplement the Prospectus (or, if the Prospectus is not yet available to prospective purchasers, the Time of Sale Disclosure Package) to comply with the Securities Act or to file under the Exchange Act any document which would be deemed to be incorporated by reference in the Prospectus in order to comply with the Securities Act or the Exchange Act, the Company will promptly notify the Underwriter and will amend the Registration Statement or supplement the Prospectus (or, if the Prospectus is not yet available to prospective purchasers, the Time of Sale Disclosure Package) or file such document (at the expense of the Company) so as to correct such statement or omission or effect such compliance.

(B) If, at any time following issuance of an Issuer Free Writing Prospectus, there occurred or occurs an event or development as a result of which such Issuer Free Writing Prospectus conflicted or would conflict with the information contained in the Registration Statement, any Statutory Prospectus or the Prospectus relating to the Securities or included or would include an untrue statement of a material fact or omitted or would omit to state a material fact necessary in order to make the statements therein, in the light of the circumstances prevailing at that subsequent time, not misleading, the Company promptly will notify the Underwriter and will promptly amend or supplement, at its own expense, such Issuer Free Writing Prospectus to eliminate or correct such conflict, untrue statement or omission.

(d) The Company shall take or cause to be taken all necessary action to qualify the Securities for sale under the securities laws of such jurisdictions as the Underwriter shall reasonably designate and to continue such qualifications in effect so long as required for the distribution of the Securities, except that the Company shall not be required in connection therewith to qualify as a foreign corporation or to execute a general consent to service of process in any state.

(e) The Company will furnish or make available to the Underwriter and counsel for the Underwriter, at the Company's expense, copies of the Registration Statement (which will include three complete manually signed copies of the Registration Statement and all consents and exhibits filed therewith), and to the Underwriter and any dealer each Preliminary Prospectus, the Time of Sale Disclosure Package, the Prospectus, the Issuer Free Writing Prospectus, and all amendments and supplements to such documents, in each case as soon as available and in such quantities as the Underwriter may from time to time reasonably request.

(f) During a period of five years commencing with the date hereof, the Company will furnish or make available to the Underwriter copies of all periodic and special reports furnished to the stockholders of the Company and all information, documents and reports filed with the Commission, the FINRA or any securities exchange (other than any such information, documents and reports that are filed with the Commission electronically via EDGAR or any successor system).

(g) The Company will make generally available to its security holders as soon as practicable, but in no event later than 15 months after the end of the Company's current fiscal quarter, an earnings statement (which need not be audited) covering a 12-month period that shall satisfy the provisions of Section 11(a) of the Securities Act and Rule 158 of the Rules and Regulations.

(h) The Company, whether or not the transactions contemplated hereunder are consummated or this Agreement is otherwise terminated (but subject to clause I below), will pay or cause to be paid (A) all expenses (including transfer taxes allocated to the respective transferees) incurred in connection with the delivery to the Underwriter of the Securities, (B) all expenses and fees (including, without limitation, fees and expenses of the Company's accountants and counsel, but excluding, for the avoidance of doubt, reasonable fees and disbursements of Underwriter's counsel which shall be paid pursuant to clause (I) below) in connection with the preparation, printing, filing, delivery, and shipping of the Registration Statement (including the financial statements therein and all amendments, schedules, and exhibits thereto), the Securities, each Preliminary Prospectus, the Time of Sale Disclosure Package, the Prospectus, any Issuer Free Writing Prospectus and any amendment thereof or supplement thereto, and the printing, delivery, and shipping of this Agreement and other underwriting documents, including Blue Sky Memoranda (covering the states and other applicable jurisdictions), (C) all reasonable filing fees and reasonable fees and disbursements of the Underwriter's counsel incurred in connection with the qualification of the Securities for offering and sale by the Underwriter or by dealers under the securities or blue sky laws of the states and other jurisdictions which the Underwriter shall designate, (D) the fees and expenses of any transfer agent or registrar, (E) the reasonable filing fees and fees and disbursements of Underwriter's counsel incident to any required review and approval by FINRA of the terms of the sale of the Securities, (F) listing fees, if any, (G) the costs and expenses of the Company relating to investor presentations or any "roadshow" undertaken in connection with the marketing of the Securities, (H) all other costs and expenses of the Company incident to the performance of its obligations hereunder that are not otherwise specifically provided for herein and (I) all other costs and expenses of the Underwriter (including reasonable fees and disbursements of counsel) incident to the performance of its obligations hereunder not otherwise specifically provided for herein, provided however such costs and expenses provided for in this clause (I) shall not exceed \$150,000 in the aggregate. The Company shall not in any event be liable to the Underwriter for loss of any anticipated profits from the transactions contemplated by this Agreement.

(i) The Company intends to apply the net proceeds from the sale of the Securities to be sold by it hereunder for the purposes set forth in the Time of Sale Disclosure Package and in the Prospectus.

(j) The Company will not, without the prior written consent of the Underwriter, from the date of execution of this Agreement and continuing to and including the date 90 days after the date of the Prospectus (the “**Lock-Up Period**”), (A) offer, pledge, announce the intention to sell, sell, contract to sell, sell any option or contract to purchase, purchase any option or contract to sell, grant any option, right or warrant to purchase or otherwise transfer or dispose of, directly or indirectly, any shares of Common Stock or any securities convertible into or exercisable or exchangeable for Common Stock or (B) enter into any swap or other agreement that transfers, in whole or in part, any of the economic consequences of ownership of the Common Stock, whether any such transaction described in clause (A) or (B) above is to be settled by delivery of Common Stock or such other securities, in cash or otherwise, except for (A) sales of the Securities to the Underwriter pursuant to this Agreement, (B) grants of options or the issuance of shares of Common Stock by the Company pursuant to equity incentive plans described in the Time of Sale Disclosure Package, (C) issuance of shares upon exercise or conversion of securities outstanding as of the date hereof, and (D) any issuance of options or other equity awards, up to 100,000 shares in the aggregate, to consultants of the Company in the ordinary course of business. The Company agrees not to accelerate the vesting of any option or warrant or the lapse of any repurchase right prior to the expiration of the Lock-Up Period. If (1) during the last 17 days of the Lock-Up Period, (a) the Company issues an earnings release, (b) the Company publicly announces material news or (c) a material event relating to the Company occurs; or (2) prior to the expiration of the Lock-Up Period, the Company announces that it will release earnings results during the 16-day period beginning on the last day of the Lock-Up Period, then the restrictions in this Agreement, unless otherwise waived by the Underwriter in writing, shall continue to apply until the expiration of the date that is 18 calendar days after the date on which (a) the Company issues the earnings release, (b) the Company publicly announces material news or (c) a material event relating to the Company occurs; *provided, however*, that this sentence shall not apply if the research published or distributed on the Company is compliant under Rule 139 of the Securities Act, and the Company’s securities are actively traded as defined in Rule 101(c)(1) of Regulation M of the Exchange Act. The Company will provide the Underwriter and each person subject to the Lock-Up Agreement (as defined below) with prior notice of any such announcement that gives rise to the extension of the Lock-Up Period.

(k) The Company has caused to be delivered to the Underwriter prior to the date of this Agreement a letter, in the form of Exhibit A hereto (the “**Lock-Up Agreement**”), from each of the Company’s directors and officers identified on Schedule III. The Company will issue stop-transfer instructions to the transfer agent for the Common Stock with respect to any transaction or contemplated transaction that would constitute a breach of or default under the applicable Lock-Up Agreement.

(l) The Company has not taken and will not take, directly or indirectly, any action designed to or which might reasonably be expected to cause or result in, or which has constituted, the stabilization or manipulation of the price of any security of the Company to facilitate the sale or resale of the Securities, and has not effected any sales of Common Stock which are required to be disclosed in response to Item 701 of Regulation S-K under the Securities Act which have not been so disclosed in the Registration Statement.

(m) Other than as contemplated by this Agreement, the Company will not incur any liability for any finder’s or broker’s fee or agent’s commission in connection with the execution and delivery of this Agreement or the consummation of the transactions contemplated hereby.

(n) During the Prospectus Delivery Period, the Company will file with the Commission such periodic and special reports as required by the Rules and Regulations.

(o) The Company and the Subsidiaries will maintain such controls and other procedures, including without limitation those required by Sections 302 and 906 of the Sarbanes-Oxley Act and the applicable regulations thereunder, that are designed to ensure that information required to be disclosed by the Company in the reports that it files or submits under the Exchange Act is recorded, processed, summarized and reported within the time periods specified in the Commission's rules and forms, including without limitation, controls and procedures designed to ensure that information required to be disclosed by the Company in the reports that it files or submits under the Exchange Act is accumulated and communicated to the Company's management, including its principal executive officer and its principal financial officer, or persons performing similar functions, as appropriate to allow timely decisions regarding required disclosure, to ensure that material information relating to the Company is made known to them by others within those entities.

(p) The Company will comply with all applicable provisions of the Sarbanes-Oxley Act.

(q) The Company represents and agrees that, unless it obtains the prior written consent of the Underwriter, it has not made and will not make any offer relating to the Securities that would constitute an "issuer free writing prospectus," as defined in Rule 433 under the Securities Act, or that would otherwise constitute a "free writing prospectus," as defined in Rule 405 under the Securities Act, required to be filed with the Commission; provided that the prior written consent of the parties hereto shall be deemed to have been given in respect of the free writing prospectuses included in Schedule I. Any such free writing prospectus consented to by the Company and the Underwriter is hereinafter referred to as a "**Permitted Free Writing Prospectus**." The Company represents that it has treated or agrees that it will treat each Permitted Free Writing Prospectus as an "issuer free writing prospectus," as defined in Rule 433, and has complied and will comply with the requirements of Rule 433 applicable to any Permitted Free Writing Prospectus, including timely Commission filing where required, legending and record keeping.

**5. Conditions of Underwriter's Obligations.** The obligations of the Underwriter hereunder are subject to the accuracy, as of the date hereof and at each of the First Closing Date and the Second Closing Date (as if made at such closing date), of and compliance with all representations, warranties and agreements of the Company contained herein, to the performance by the Company of its obligations hereunder and to the following additional conditions:

(a) If filing of the Prospectus, or any amendment or supplement thereto, or any Issuer Free Writing Prospectus, is required under the Securities Act or the Rules and Regulations, the Company shall have filed the Prospectus (or such amendment or supplement) or such Issuer Free Writing Prospectus with the Commission in the manner and within the time period so required (without reliance on Rule 424(b)(8) or Rule 164(b)); the Registration Statement shall remain effective; no stop order suspending the effectiveness of the Registration Statement or any part thereof, any Rule 462(b) Registration Statement, or any amendment thereof, nor suspending or preventing the use of the Time of Sale Disclosure Package, the Prospectus or any Issuer Free Writing Prospectus shall have been issued; no proceedings for the issuance of such an order shall have been initiated or threatened; and any request of the Commission for additional information (to be included in the Registration Statement, the Time of Sale Disclosure Package, the Prospectus, any Issuer Free Writing Prospectus or otherwise) shall have been complied with to the satisfaction of the Underwriter.

(b) No Underwriter shall have advised the Company that (i) the Registration Statement or any amendment thereof or supplement thereto contains an untrue statement of a material fact which, in the opinion of counsel to the Underwriter, is material or omits to state a material fact which, in the opinion of counsel to the Underwriter, is required to be stated therein or necessary to make the statements therein not misleading, or (ii) the Time of Sale Disclosure Package or the Prospectus, or any amendment thereof or supplement thereto, or any Issuer Free Writing Prospectus contains an untrue

statement of fact which, in the opinion of counsel to the Underwriter, is material, or omits to state a fact which, in the opinion of counsel to the Underwriter, is material and is required to be stated therein, or necessary to make the statements therein, in light of the circumstances under which they are made, not misleading.

(c) Except as contemplated in the Time of Sale Disclosure Package and in the Prospectus, subsequent to the respective dates as of which information is given in the Time of Sale Disclosure Package, neither the Company nor the Subsidiaries shall have incurred any material liabilities or obligations, direct or contingent, or entered into any material transactions, or declared or paid any dividends or made any distribution of any kind with respect to its capital stock; and there shall not have been any change in the capital stock (other than a change in the number of outstanding shares of Common Stock due to the issuance of shares upon the exercise of outstanding options or warrants), or any material change in the short-term or long-term debt of the Company, or any issuance of options, warrants, convertible securities or other rights to purchase the capital stock of the Company or the Subsidiaries, or any Material Adverse Change or any development reasonably likely to result in a Material Adverse Change (whether or not arising in the ordinary course of business), that, in the judgment of the Underwriter, makes it impractical or inadvisable to offer or deliver the Securities on the terms and in the manner contemplated in the Time of Sale Disclosure Package and in the Prospectus.

(d) On the First Closing Date and the Second Closing Date, as the case may be, there shall have been furnished to the Underwriter, the opinion of Keating Muething & Klekamp PLL, counsel for the Company, dated such closing date and addressed to the Underwriter in substantially the form attached hereto as Exhibit B.

(e) On the First Closing Date and the Second Closing Date, as the case may be, there shall have been furnished to the Underwriter, the opinion of Goodwin Procter LLP, counsel for the Underwriter, dated such closing date and addressed to the Underwriter with respect to the formation of the Company, the validity of the Securities, the Registration Statement, the Time of Sale Disclosure Package, the Prospectus and other related matters as the Underwriter reasonably may request, and such counsel shall have received such papers and information as they request to enable them to pass upon such matters.

(f) On the date of this Agreement, the First Closing Date and the Second Closing Date, as the case may be, the Underwriter shall have received a letter of Deloitte & Touche LLP, dated such date and addressed to the Underwriter, confirming that they are independent public accountants within the meaning of the Securities Act and are in compliance with the applicable requirements relating to the qualifications of accountants under Rule 2-01 of Regulation S-X of the Commission, and stating, as of the date of such letter (or, with respect to matters involving changes or developments since the respective dates as of which specified financial information is given in the Time of Sale Disclosure Package, as of a date not prior to the date hereof or more than five days prior to the date of such letter), the conclusions and findings of said firm with respect to the financial information and other matters covered by its letter delivered to the Underwriter concurrently with the execution of this Agreement, and the effect of the letter so to be delivered on the First Closing Date and the Second Closing Date, as the case may be, shall be to confirm the conclusions and findings set forth in such prior letter.

(g) On the First Closing Date and the Second Closing Date, as the case may be, there shall have been furnished to the Underwriter, a certificate, dated such closing date and addressed to the Underwriter, signed by the chief executive officer and by the chief financial officer of the Company, to the effect that:

(i) The representations and warranties of the Company in this Agreement are true and correct, as if made at and as of such closing date, and the Company has complied with all the agreements and satisfied all the conditions on its part to be performed or satisfied at or prior to such closing date;

(ii) No stop order or other order suspending the effectiveness of the Registration Statement or any part thereof or any amendment thereof or the qualification of the Securities for offering or sale, nor suspending or preventing the use of the Time of Sale Disclosure Package, the Prospectus or any Issuer Free Writing Prospectus, has been issued, and no proceeding for that purpose has been instituted or, to the best of their knowledge, is contemplated by the Commission or any state or regulatory body; and

(iii) The signers of said certificate have carefully examined the Registration Statement, the Time of Sale Disclosure Package and the Prospectus, and any amendments thereof or supplements thereto, and

(A) each part of the Registration Statement and the Prospectus, and any amendments thereof or supplements thereto contain, and contained when such part of the Registration Statement, or any amendment thereof, became effective, all statements and information required to be included therein, the Registration Statement, or any amendment thereof, does not contain and did not contain when such part of the Registration Statement, or any amendment thereof, became effective, any untrue statement of a material fact or omit to state any material fact required to be stated therein or necessary to make the statements therein not misleading, except that such statement shall not apply to statements in or omissions from the Registration Statement, or any amendment thereof, based upon and in conformity with written information furnished to the Company by the Underwriter specifically for use therein, and the Prospectus, as amended or supplemented, does not include and did not include as of its date or the time of first use within the meaning of the Rules and Regulations, any untrue statement of material fact or omit to state and did not omit to state as of its date or the time of first use within the meaning of the Rules and Regulations a material fact necessary to make the statements therein, in light of the circumstances under which they were made, not misleading, except that such statement shall not apply to statements in or omissions from the Prospectus, as amended or supplemented, based upon and in conformity with written information furnished to the Company by the Underwriter specifically for use therein,

(B) neither (1) the Time of Sale Disclosure Package nor (2) any individual Issuer Limited-Use Free Writing Prospectus, when considered together with the Time of Sale Disclosure Package, include, nor included as of the Time of Sale any untrue statement of a material fact or omits, or omitted as of the Time of Sale, to state any material fact necessary in order to make the statements therein, in the light of the circumstances under which they were made, not misleading, except that such statement shall not apply to statements in or omissions from the Time of Sale Disclosure Package or any Individual Limited-Use Free Writing Prospectus based upon and in conformity with written information furnished to the Company by the Underwriter specifically for use therein,

(C) since the Time of Sale there has occurred no event required to be set forth in an amended or supplemented prospectus which has not been so set forth,

(D) subsequent to the respective dates as of which information is given in the Registration Statement, the Time of Sale Disclosure Package and Prospectus, the Company has not incurred any material liabilities or obligations, direct or contingent, or entered into any material transactions, not in the ordinary course of business, or declared or paid any dividends or made any distribution of any kind with respect to its capital stock, and except as disclosed in the Time of Sale Disclosure Package and in the Prospectus, there has not been any change in the capital stock (other than a change in the number of outstanding shares of Common Stock due to the issuance of shares upon the exercise of outstanding options or warrants), or any material change in the short term or long term debt, or any issuance of options, warrants, convertible securities or other rights to purchase the capital stock, of the Company (other than issuances of options under the Company's existing stock option plans) or any Material Adverse Change or any development involving a prospective Material Adverse Change (whether or not arising in the ordinary course of business), and

(E) except as stated in the Registration Statement, the Time of Sale Disclosure Package and in the Prospectus, there is not pending, or, to the knowledge of the Company, threatened or contemplated, any action, suit or proceeding to which the Company is a party before or by any court or governmental agency, authority or body, or any arbitrator, which could reasonably be expected to result in any Material Adverse Change.

(h) The Underwriter shall have received all the Lock-Up Agreements referenced in Section 4(k).

(i) The Company shall have furnished to the Underwriter such additional documents, certificates and evidence as the Underwriter may have reasonably requested.

(j) At the First Closing Date, the Company shall have submitted to NASDAQ a Notification Form: Listing of Additional Shares related to the Securities.

(k) The Underwriter shall have received on the First Closing Date a certificate of the Secretary of the Company.

(l) The Underwriter shall have received on the First Closing Date, a certificate, signed on behalf of the Company by the chief financial officer of the Company substantially in the form of Exhibit C hereto.

(m) The Underwriter shall not have received any unresolved objection from FINRA as to the fairness and reasonableness of the amount of compensation allowable or payable to the Underwriter in connection with the issuance and sale of the Securities.

(n) At the First Closing Date and the Second Closing Date, as the case may be, counsel for the Underwriter shall have been furnished with such information, certificates and documents as it may reasonably require for the purpose of enabling it to pass upon the issuance and sale of the Securities as contemplated herein and related proceedings, or to evidence the accuracy of any of the representations or warranties, or the fulfillment of any of the conditions, herein contained, or otherwise in connection with the offering of the Securities contemplated hereby.

All such opinions, certificates, letters and other documents mentioned above and elsewhere in this Agreement will be in compliance with the provisions hereof only if they are satisfactory

in form and substance to the Underwriter and counsel for the Underwriter. The Company will furnish the Underwriter with such conformed copies of such opinions, certificates, letters and other documents as the Underwriter shall reasonably request.

#### 6. Indemnification and Contribution.

(a) The Company agrees to indemnify and hold harmless the Underwriter, its affiliates, directors and officers and each person, if any, who controls the Underwriter within the meaning of Section 15 of the Securities Act or Section 20 of the Exchange Act (each, an “**Indemnified Party**”), from and against any losses, claims, damages or liabilities, joint or several, to which each Indemnified Party may become subject, under the Securities Act or otherwise (including in settlement of any litigation if such settlement is effected with the written consent of the Company), insofar as such losses, claims, damages or liabilities (or actions in respect thereof) arise out of or are based upon an untrue statement or alleged untrue statement of a material fact contained in the Registration Statement, including the 430B Information and any other information deemed to be a part of the Registration Statement at the time of effectiveness and at any subsequent time pursuant to the Rules and Regulations, if applicable, any Preliminary Prospectus, the Time of Sale Disclosure Package, the Prospectus, or any amendment or supplement thereto, any Issuer Free Writing Prospectus or in any materials or information provided to investors by, at the instruction of, the Company in connection with the marketing of the offering of the Common Stock (“**Marketing Materials**”), including any roadshow or investor presentations made to investors by the Company (whether in person or electronically), or arise out of or are based upon the omission or alleged omission to state therein a material fact required to be stated therein or necessary to make the statements therein not misleading, and will reimburse each Indemnified Party for any legal or other expenses reasonably incurred by it in connection with investigating or defending against such loss, claim, damage, liability or action as such expenses are incurred; *provided, however*, that the Company shall not be liable in any such case to the extent that any such loss, claim, damage, liability or action arises out of or is based upon an untrue statement or alleged untrue statement or omission or alleged omission made in the Registration Statement, any Preliminary Prospectus, the Time of Sale Disclosure Package, the Prospectus, or any such amendment or supplement, any Issuer Free Writing Prospectus or in any Marketing Materials, in reliance upon and in conformity with information provided in writing to the Company by the Underwriter specifically for use therein; it being understood and agreed that the only such information furnished by the Underwriter consists of the information described as such in Section 6(f).

In addition to its other obligations under this Section 6(a), the Company agrees that, as an interim measure during the pendency of any claim, action, investigation, inquiry or other proceeding arising out of or based upon any statement or omission, or any alleged statement or omission, described in this Section 6(a), it will reimburse each Indemnified Party on a monthly basis for all reasonable legal fees or other expenses incurred in connection with investigating or defending any such claim, action, investigation, inquiry or other proceeding, notwithstanding the absence of a judicial determination as to the propriety and enforceability of the Company’s obligation to reimburse each Indemnified Party for such expenses and the possibility that such payments might later be held to have been improper by a court of competent jurisdiction. To the extent that any such interim reimbursement payment is so held to have been improper, each Indemnified Party that received such payment shall promptly return it to the party or parties that made such payment, together with interest, compounded daily, determined on the basis of the prime rate (or other commercial lending rate for borrowers of the highest credit standing) announced from time to time by U.S. Bank (the “**Prime Rate**”). Any such interim reimbursement payments which are not made to each Indemnified Party within 30 days of a request for reimbursement shall bear interest at the Prime Rate from the date of such request. This indemnity agreement shall be in addition to any liabilities which the Company may otherwise have.



(b) The Underwriter will indemnify and hold harmless the Company, its affiliates, directors and officers and each person, if any, who controls the Company within the meaning of Section 15 of the Securities Act and Section 20 of the Exchange Act (each, an “*Underwriter Indemnified Party*”), from and against any losses, claims, damages or liabilities to which each Underwriter Indemnified Party may become subject, under the Securities Act or otherwise (including in settlement of any litigation, if such settlement is effected with the written consent of the Underwriter), insofar as such losses, claims, damages or liabilities (or actions in respect thereof) arise out of or are based upon an untrue statement or alleged untrue statement of a material fact contained in the Registration Statement, any Preliminary Prospectus, the Time of Sale Disclosure Package, the Prospectus, or any amendment or supplement thereto, or any Issuer Free Writing Prospectus or arise out of or are based upon the omission or alleged omission to state therein a material fact required to be stated therein or necessary to make the statements therein not misleading, in each case to the extent, but only to the extent, that such untrue statement or alleged untrue statement or omission or alleged omission was made in the Registration Statement, any Preliminary Prospectus, the Time of Sale Disclosure Package, the Prospectus, or any such amendment or supplement, or any Issuer Free Writing Prospectus in reliance upon and in conformity with information provided in writing to the Company by the Underwriter specifically for use therein; (it being understood and agreed that the only such information furnished by the Underwriter consists of the information described as such in Section 6(f)), and will reimburse each Underwriter Indemnified Party for any legal or other expenses reasonably incurred by each Underwriter Indemnified Party in connection with investigating or defending against any such loss, claim, damage, liability or action as such expenses are incurred.

(c) Promptly after receipt by an indemnified party under Section 6(a) or 6(b) above of notice of the commencement of any action, such indemnified party shall, if a claim in respect thereof is to be made against the indemnifying party under such subsection, notify the indemnifying party in writing of the commencement thereof; but the omission so to notify the indemnifying party shall not relieve the indemnifying party from any liability that it may have to any indemnified party except to the extent such indemnifying party has been materially prejudiced by such failure. In case any such action shall be brought against any indemnified party, and it shall notify the indemnifying party of the commencement thereof, the indemnifying party shall be entitled to participate in, and, to the extent that it shall wish, jointly with any other indemnifying party similarly notified, to assume the defense thereof, with counsel satisfactory to such indemnified party, and after notice from the indemnifying party to such indemnified party of the indemnifying party’s election so to assume the defense thereof, the indemnifying party shall not be liable to such indemnified party under such subsection for any legal or other expenses subsequently incurred by such indemnified party in connection with the defense thereof other than reasonable costs of investigation; provided, however, that if, in the sole judgment of the Underwriter, it is advisable for the Underwriter to be represented by separate counsel, the Underwriter shall have the right to employ a single counsel (in addition to local counsel) to represent the Underwriter under subsection (a) of this Section 6, in which event the reasonable fees and expenses of such separate counsel shall be borne by the indemnifying party or parties and reimbursed to the Underwriter as incurred. An indemnifying party shall not be obligated under any settlement agreement relating to any action under this Section 6 to which it has not agreed in writing. In addition, no indemnifying party shall, without the prior written consent of the indemnified party (which consent shall not be unreasonably withheld or delayed), effect any settlement of any pending or threatened proceeding unless such settlement includes an unconditional release of such indemnified party for all liability on claims that are the subject matter of such proceeding and does not include a statement as to, or an admission of, fault, culpability or a failure to act by or on behalf of an indemnified party.

(d) If the indemnification provided for in this Section 6 is unavailable or insufficient to hold harmless an indemnified party under Section 6(a) or 6(b) above, then each indemnifying party shall contribute to the amount paid or payable by such indemnified party as a result of the losses, claims,

damages or liabilities referred to in Section 6(a) or 6(b) above, (i) in such proportion as is appropriate to reflect the relative benefits received by the Company on the one hand and the Underwriter on the other from the offering of the Securities or (ii) if the allocation provided by clause (i) above is not permitted by applicable law, in such proportion as is appropriate to reflect not only the relative benefits referred to in clause (i) above but also the relative fault of the Company on the one hand and the Underwriter on the other in connection with the statements or omissions that resulted in such losses, claims, damages or liabilities, as well as any other relevant equitable considerations. The relative benefits received by the Company on the one hand and the Underwriter on the other shall be deemed to be in the same proportion as the total net proceeds from the offering (before deducting expenses) received by the Company bear to the total underwriting discounts and commissions received by the Underwriter, in each case as set forth in the table on the cover page of the Prospectus. The relative fault shall be determined by reference to, among other things, whether the untrue or alleged untrue statement of a material fact or the omission or alleged omission to state a material fact relates to information supplied by the Company or the Underwriter and the parties' relevant intent, knowledge, access to information and opportunity to correct or prevent such untrue statement or omission. The Company and the Underwriter agree that it would not be just and equitable if contributions pursuant to this Section 6(d) were to be determined by pro rata allocation or by any other method of allocation which does not take account of the equitable considerations referred to in the first sentence of this Section 6(d). The amount paid by an indemnified party as a result of the losses, claims, damages or liabilities referred to in the first sentence of this Section 6(d) shall be deemed to include any legal or other expenses reasonably incurred by such indemnified party in connection with investigating or defending against any action or claim which is the subject of this Section 6(d). Notwithstanding the provisions of this Section 6(d), the Underwriter shall not be required to contribute any amount in excess of the amount by which the total price at which the Securities underwritten by them and distributed to the public were offered to the public exceeds the amount of any damages that the Underwriter have otherwise been required to pay by reason of such untrue or alleged untrue statement or omission or alleged omission. No person guilty of fraudulent misrepresentation (within the meaning of Section 11(f) of the Securities Act) shall be entitled to contribution from any person who was not guilty of such fraudulent misrepresentation.

(e) The obligations of the Company under this Section 6 shall be in addition to any liability which the Company may otherwise have and shall extend, upon the same terms and conditions, to each person, if any, who controls the Underwriter within the meaning of the Securities Act; and the obligations of the Underwriter under this Section 6 shall be in addition to any liability that the Underwriter may otherwise have and shall extend, upon the same terms and conditions, to each director of the Company (including any person who, with his consent, is named in the Registration Statement as about to become a director of the Company), to each officer of the Company who has signed the Registration Statement and to each person, if any, who controls the Company within the meaning of the Securities Act.

(f) The Underwriter confirms and the Company acknowledges that the statements with respect to the public offering of the Securities by the Underwriter set forth in the third and twelfth through fifteenth paragraphs under the caption "Underwriting" in the Time of Sale Disclosure Package and in the Prospectus are correct and constitute the only information concerning the Underwriter furnished in writing to the Company by or on behalf of the Underwriter specifically for use in the Registration Statement, any Preliminary Prospectus, the Time of Sale Disclosure Package, the Prospectus or any Issuer Free Writing Prospectus.

**7. Representations and Agreements to Survive Delivery.** All representations, warranties, and agreements of the Company herein or in certificates delivered pursuant hereto, including but not limited to the agreements of the Underwriter and the Company contained in Section 6 hereof, shall remain operative and in full force and effect regardless of any investigation made by or on behalf of the

Underwriter or any controlling person thereof, or the Company or any of its officers, directors, or controlling persons, or any controlling person thereof, and shall survive delivery of, and payment for, the Securities to and by the Underwriter hereunder.

#### **8. Termination of this Agreement.**

(a) The Underwriter shall have the right to terminate this Agreement by giving notice to the Company as hereinafter specified at any time at or prior to the First Closing Date, and the option referred to in Section 3(b), if exercised, may be cancelled at any time prior to the Second Closing Date, if (i) the Company shall have failed, refused or been unable, at or prior to such closing date, to perform any agreement on its part to be performed hereunder, (ii) any other condition of the Underwriter's obligations hereunder is not fulfilled, (iii) trading on the NASDAQ Stock Market, New York Stock Exchange or the NYSE Amex shall have been suspended, (iv) minimum or maximum prices for trading shall have been fixed, or maximum ranges for prices for securities shall have been required, on the NASDAQ Stock Market, New York Stock Exchange or the NYSE Amex, by such Exchange or by order of the Commission or any other Governmental Authority having jurisdiction, (v) a banking moratorium shall have been declared by federal or state authorities, or (vi) there shall have occurred any outbreak or escalation of hostilities, any change in financial markets or any calamity or crisis that, in the Underwriter's judgment, is material and adverse and makes it impractical or inadvisable to proceed with the completion of the sale of and payment for the Securities. Any such termination shall be without liability of any party to any other party except that the provisions of Section 4(g) and Section 6 hereof shall at all times be effective and shall survive such termination.

(b) If the Underwriter elects to terminate this Agreement as provided in this Section 8, the Company shall be notified promptly by the Underwriter by telephone, confirmed by letter.

**9. Default by the Company.** If the Company shall fail at the First Closing Date to sell and deliver the number of Securities which it is obligated to sell hereunder, then this Agreement shall terminate without any liability on the part of the Underwriter or, except as provided in Section 4(h) and Section 6 hereof, any non-defaulting party. No action taken pursuant to this Section 9 shall relieve the Company from liability, if any, in respect of such default.

**10. Notices.** Except as otherwise provided herein, all communications hereunder shall be in writing and, if to the Underwriter, shall be mailed or delivered to Piper Jaffray & Co., U.S. Bancorp Center, 800 Nicollet Mall, Minneapolis, Minnesota 55402, Attention: General Counsel, with a copy to Goodwin Procter LLP, 620 8<sup>th</sup> Avenue, New York, New York 10018, Attention: Michael D. Maline; and if to the Company, shall be mailed or delivered to AtriCure, Inc., 6217 Centre Park Drive, West Chester, Ohio 45069, Attention: Chief Executive Officer, with a required copy to F. Mark Reuter, Keating Muething & Klekamp PLL, One East Fourth Street, Suite 1400, Cincinnati, Ohio 45202. Any party to this Agreement may change such address for notices by sending to the parties to this Agreement written notice of a new address for such purpose.

**11. Persons Entitled to Benefit of Agreement.** This Agreement shall inure to the benefit of and be binding upon the parties hereto and their respective successors and assigns and the controlling persons, officers and directors referred to in Section 6. Nothing in this Agreement is intended or shall be construed to give to any other person, firm or corporation any legal or equitable remedy or claim under or in respect of this Agreement or any provision herein contained. The term "successors and assigns" as herein used shall not include any purchaser, as such purchaser, of any of the Securities from the Underwriter.

12. **Absence of Fiduciary Relationship.** The Company acknowledges and agrees that: (a) the Underwriter has been retained solely to act as underwriter in connection with the sale of the Securities and that no fiduciary, advisory or agency relationship between the Company and the Underwriter has been created in respect of any of the transactions contemplated by this Agreement, irrespective of whether the Underwriter has advised or are advising the Company on other matters; (b) the price and other terms of the Securities set forth in this Agreement were established by the Company following discussions and arms-length negotiations with the Underwriter and the Company is capable of evaluating and understanding and understands and accepts the terms, risks and conditions of the transactions contemplated by this Agreement; (c) it has been advised that the Underwriter and its affiliates are engaged in a broad range of transactions which may involve interests that differ from those of the Company and that the Underwriter has no obligation to disclose such interest and transactions to the Company by virtue of any fiduciary, advisory or agency relationship; (d) it has been advised that the Underwriter is acting, in respect of the transactions contemplated by this Agreement, solely for the benefit of the Underwriter, and not on behalf of the Company; (e) it waives to the fullest extent permitted by law, any claims it may have against the Underwriter for breach of fiduciary duty or alleged breach of fiduciary duty in respect of any of the transactions contemplated by this Agreement and agrees that the Underwriter shall have no liability (whether direct or indirect) to the Company in respect of such a fiduciary duty claim on behalf of or in right of the Company, including stockholders, employees or creditors of the Company.

13. **Governing Law.** This Agreement shall be governed by and construed in accordance with the laws of the State of New York.

14. **Counterparts.** This Agreement may be executed in one or more counterparts and, if executed in more than one counterpart, the executed counterparts shall each be deemed to be an original and all such counterparts shall together constitute one and the same instrument.

15. **General Provisions.** This Agreement constitutes the entire agreement of the parties to this Agreement and supersedes all prior written or oral and all contemporaneous oral agreements, understandings and negotiations with respect to the subject matter hereof. This Agreement may not be amended or modified unless in writing by all of the parties hereto, and no condition herein (express or implied) may be waived unless waived in writing by each party whom the condition is meant to benefit. The Section headings herein are for the convenience of the parties only and shall not affect the construction or interpretation of this Agreement.

[Signature Page Follows]

Please sign and return to the Company the enclosed duplicates of this Agreement whereupon this Agreement will become a binding agreement between the Company and the Underwriter in accordance with its terms.

Very truly yours,

**ATRICURE, INC.**

By: /s/ M. Andrew Wade

Name: M. Andrew Wade

Title: Vice President and Chief Financial Officer

The foregoing Purchase Agreement is hereby confirmed and accepted as of the date first above written.

**PIPER JAFFRAY & CO.**

By: /s/ David W. Stadinski

Name: David W. Stadinski

Title: Managing Director

*[Signature Page to Purchase Agreement]*

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**SCHEDULE I**  
**Issuer General Free Writing Prospectuses**

None.

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**SCHEDULE II**

**Pricing Information**

Number of Firm Shares to be Issued: 3,475,000

Public Offering Price: \$7.25 per share

Underwriting Discounts and Commissions: 6.0%

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**SCHEDULE III**

**Executive Officers and Directors Subject to Lockup**

Andrew L. Lux, PhD  
Patricia J. Kennedy  
James L. Lucky  
M. Andrew Wade  
Richard M. Johnston  
Michael H. Carrel  
Mark A. Collar  
Donald C. Harrison, MD  
Michael D. Hooven  
Elizabeth D. Krell  
Mark R. Lanning  
Karen P. Robards



EXHIBIT A

Form of Lockup Agreement

January , 2013

PIPER JAFFRAY & CO.  
800 Nicollet Mall  
Minneapolis, Minnesota 55402

Re: Public Offering of Shares of Common Stock

Ladies and Gentlemen:

The undersigned understands that Piper Jaffray & Co ("*Piper Jaffray*") will act as underwriter (the "*Underwriter*") and proposes to enter into the Purchase Agreement (the "*Purchase Agreement*") with AtriCure, Inc., a Delaware corporation (the "*Company*"), providing for the offering (the "*Offering*") of shares (the "*Shares*") of common stock, \$0.001 par value per share (the "*Common Stock*"), of the Company. Capitalized terms used herein and not otherwise defined shall have the meanings set forth in the Purchase Agreement.

In order to induce the Underwriter to enter in to the Purchase Agreement, the undersigned hereby agrees that, commencing on the date hereof and continuing until the ninetieth (90th) day following the date of the final prospectus filed by the Company with the Securities and Exchange Commission in connection with such Offering (the "*Lock-Up Period*"), the undersigned will not, without the prior written consent of the Underwriter (which consent may be withheld in the Underwriter's sole discretion), directly or indirectly, (1) offer, sell, contract to sell, pledge, sell any option or contract to purchase, purchase any option or contract to sell, grant any option, right or warrant to purchase, lend, or otherwise transfer or dispose of any shares of the Common Stock, or any securities convertible into or exercisable or exchangeable for the Common Stock; (2) enter into any swap or other arrangement that transfers to another, in whole or in part, any of the economic consequences of ownership of the Common Stock, or any securities convertible into or exchangeable for the Common Stock, regardless of whether any such transaction described herein is to be settled by delivery of the Common Stock or such other securities, or by delivery of cash or otherwise; (3) make any demand for, or exercise any right with respect to, the registration of any shares of the Common Stock or any security convertible into or exercisable of exchangeable for the Common Stock; or (4) publicly announce any intention to do any of the foregoing.

Notwithstanding the foregoing, the restrictions set forth in clause (1) and (2) above shall not apply to (a) transfers (i) as a bona fide gift or gifts, provided that the donee or donees thereof agree to be bound in writing by the restrictions set forth herein for the remainder of the Lock-Up Period, (ii) by will or intestate succession, (iii) to any trust for the direct or indirect benefit of the undersigned or the immediate family of the undersigned, (iv) to any partner, member or stockholder of the undersigned, (v) with the prior written consent of the Underwriter or (vi) effected pursuant to any exchange of "underwater" options with the Company, provided that in connection with transactions described in clauses (ii), (iii) and (iv) above, the recipient (as applicable) agrees to be bound in writing by the restrictions set forth herein for the remainder of the Lock-Up Period and the related transfer shall not involve a disposition for value or (b) the acquisition or exercise of any stock option issued pursuant to the Company's existing stock option plan or employee stock purchase plan as described in the Registration

Statement, including any exercise effected by the delivery of Shares of the Company held by the undersigned. For purposes of this Lock-Up Agreement, "immediate family" shall mean any relationship by blood, marriage or adoption, not more remote than first cousin. None of the restrictions set forth in this Lock-Up Agreement shall apply to Common Stock acquired in open market transactions.

Anything herein to the contrary notwithstanding, if:

(1) during the last 17 days of the Lock-Up Period the Company issues an earnings release or other material news or a material event relating to the Company occurs; or

(2) prior to the expiration of the Lock-Up Period, the Company announces that it will release earnings results during the 16 day period beginning on the last day of the Lock-Up Period,

the Lock-Up Period shall be extended and the restrictions imposed by this letter shall continue to apply until the expiration of the 18 day period beginning on the date of issuance of the earnings release or the occurrence of the material news or material event, unless the Underwriter waives, in writing, such extension.

The undersigned hereby acknowledges and agrees that written notice of any extension of the Lock-Up Period pursuant to the previous paragraph will be delivered by the Underwriter to the Company (in accordance with the notice provision in the Purchase Agreement) and that any such notice properly delivered will be deemed to have been given to, and received by, the undersigned. The undersigned hereby further agrees that, prior to engaging in any transaction or taking any other action that is subject to the terms of this Lock-Up Agreement during the period from the date of this Lock-Up Agreement to and including the 34th day following the expiration of the initial Lock-Up Period, it will give notice thereof to the Company and will not consummate such transaction or take any such action unless it has received written confirmation from the Company that the Lock-Up Period (as such may have been extended pursuant to the previous paragraph) has expired. Notwithstanding the foregoing, if the Company has "actively traded securities" within the meaning of Rule 101(c)(1) of Regulation M of the Exchange Act or otherwise satisfies the requirements set forth in Rule 139 that would permit the Underwriter to publish issuer-specific research reports pursuant to Rule 139, the Lock-Up Period shall not be extended upon the occurrence of (1) or (2) above.

The undersigned hereby agrees and consents to the entry of stop transfer instructions with the Company's transfer agent against the transfer of securities of the Company held by the undersigned during the Lock-Up Period (as may have been extended pursuant hereto), except in compliance with this Lock-Up Agreement.

Anything to the contrary notwithstanding, if (i) the Purchase Agreement does not become effective by February 15, 2013, (ii) after becoming effective, the Purchase Agreement (other than the provisions thereof which survive termination) shall terminate or be terminated prior to payment for and delivery of the Shares to be sold thereunder, or (iii) prior to the Purchase Agreement becoming effective, the Company notifies the Underwriter in writing that it does not intend to proceed with the Offering, this Lock-Up Agreement shall lapse and become null and void and the undersigned shall be released from all obligations under this Lock-Up Agreement.

The undersigned hereby represents and warrants that the undersigned has full power and authority to enter into this Lock-Up Agreement. This Lock-Up Agreement may not be revoked by the undersigned or the Company. All authority herein conferred or agreed to be conferred shall survive the death or incapacity of the undersigned and any obligations of the undersigned shall be binding upon the heirs, personal representatives, successors and assigns of the undersigned.

This Lock-Up Agreement shall be governed by and construed in accordance with the laws of the State of New York, without regard to the conflict of laws principles thereof.

Very truly yours,

Print Name: \_\_\_\_\_

Print Title: \_\_\_\_\_

Signature: \_\_\_\_\_

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**EXHIBIT B**

**Form of Opinion of Company Counsel**

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**EXHIBIT C**  
**ATRICURE, INC.**  
**Certificate Of Chief Financial Officer**



January 16, 2013

AtriCure, Inc.  
6217 Centre Park Drive  
West Chester, Ohio 45069

Re: Issuance and Sale of Shares of Common Stock

Ladies and Gentlemen:

We have acted as legal counsel to AtriCure, Inc., a Delaware corporation (the "Company"), in connection with the issuance and sale by the Company of 3,475,000 shares of the Company's common stock, par value \$0.001 per share (the "Shares"). The Shares are being sold by the Company pursuant to a Purchase Agreement, dated January 16, 2013 (the "Purchase Agreement"), by and among the Company and Piper Jaffray & Co. (the "Underwriter"), as well as an effective registration statement (the "Registration Statement") on Form S-3 (File No. 333-175288) that was declared effective by the U.S. Securities and Exchange Commission (the "Commission") on July 20, 2012, the statutory prospectus included therein, and the prospectus supplement dated January 16, 2013 and filed with the Commission pursuant to Rule 424(b) promulgated under the Securities Act of 1933, as amended (the "Securities Act"). This opinion is being furnished in accordance with the requirements of Item 601(b)(5) of Regulation S-K under the Securities Act.

We have examined originals or copies certified or otherwise identified to our satisfaction, of such documents, necessary or appropriate for purposes of rendering this opinion letter, including (a) the Certificate of Incorporation of the Company, as amended, (b) the By-laws of the Company, as amended, (c) the Purchase Agreement, (d) the Registration Statement, (e) the Base Prospectus, (f) the Preliminary Prospectus dated January 15, 2013; (g) the Prospectus dated January 16, 2013, (h) resolutions of the Board of Directors of the Company duly adopted on January 14, 2013; (i) resolutions of the Pricing Committee of the Board of Directors of the Company duly adopted on January 16, 2013, (j) a status certificate of the Department of State of the State of Delaware, dated January 15, 2013, to the effect that the Company is a corporation duly incorporated and existing under and by virtue of the laws of the State of Delaware and is duly authorized to transact business in the State of Delaware, (k) status certificate of the State of the State of Ohio dated January 15, 2013, to the effect that the Company is a foreign corporation duly qualified and authorized to transact business in the State of Ohio, and (l) such other documents, records and other instruments and matters of law as we have deemed necessary or appropriate for purposes of this opinion letter. In all such examinations, we have assumed, with your consent, the genuineness of all signatures on original and certified documents, the legal capacity of all natural persons, the authenticity of all documents submitted to us as originals, the conformity to executed documents of all unexecuted copies submitted to us, and the conformity to the originals of photocopies.

We are admitted to the Bar in the State of Ohio and we express no opinion as to the laws of any other jurisdiction, except the federal laws of the United States of America, and the general corporate laws of the State of Delaware, and we express no opinion with respect to any state securities or blue sky laws.

Based upon the foregoing and subject to the assumptions, limitations and exceptions set forth herein, we are of the opinion that as of the date hereof, the Shares to be purchased by the Underwriter from the Company have been duly authorized for issuance and sale pursuant to the Purchase Agreement and, when issued and delivered by the Company pursuant to the Purchase Agreement against payment of the consideration set forth therein, the Shares will be validly issued, fully paid and nonassessable.

This opinion is issued to you solely for use in connection with the Registration Statement and is not to be quoted or otherwise referred to in any financial statements of the Company or any other document, nor is it to be filed with or furnished to any government agency or other person, without our prior written consent.

We hereby consent to the use of our name under the caption "Legal Matters" in the prospectus supplement, dated January 16, 2013, relating to the Shares, and to the filing of this opinion as an exhibit to the Company's Current Report on Form 8-K, filed on the date hereof. In giving this consent, we do not admit that we are within the category of persons whose consent is required under Section 7 of the Securities Act or the rules and regulations of the Commission adopted under the Act.

Very truly yours,

Keating Muething & Klekamp PLL



**Contact:**

***AtriCure, Inc.***

Andy Wade  
Vice President and Chief Financial Officer  
(513) 755-4564  
[awade@atricure.com](mailto:awade@atricure.com)

**Investor Relations Contact:**

Lynn Pieper  
Westwicke Partners  
415-202-5678  
[Lynn.pieper@westwicke.com](mailto:Lynn.pieper@westwicke.com)

**For Immediate Release**

**AtriCure Announces Commencement of Public Offering of Common Stock**

WEST CHESTER, Ohio – January 15, 2013 – AtriCure, Inc. (Nasdaq: ATRC), a medical device company and a leader in cardiac surgical ablation systems for the treatment of atrial fibrillation, or AF, and systems for the exclusion of the left atrial appendage, today announced that it intends to offer shares of its common stock in a public offering. Piper Jaffray & Co. is acting as the sole manager for the offering.

AtriCure plans to use the net proceeds from the offering for general corporate purposes and working capital.

This offering will be made pursuant to a prospectus supplement to AtriCure's prospectus, dated July 20, 2011, filed as part of AtriCure's effective \$50 million shelf registration statement. This press release shall not constitute an offer to sell or the solicitation of an offer to buy any securities nor will there be any sale of these securities in any state or other jurisdiction in which such offer, solicitation or sale would be unlawful prior to registration or qualification under the securities laws of any such state or other jurisdiction.

Copies of the preliminary prospectus supplement and accompanying prospectus relating to these securities may be obtained by contacting Piper Jaffray & Co., Attention: Prospectus Department, 800 Nicollet Mall, J12S03, Minneapolis, MN 55402 or by telephone at 800-747-3924 or by email at [prospectus@pjc.com](mailto:prospectus@pjc.com).

**About AtriCure, Inc.**

AtriCure, Inc. is a medical device company and a leader in developing, manufacturing and selling innovative cardiac surgical ablation systems designed to create precise lesions, or scars, in cardiac, or heart, tissue for the treatment of atrial fibrillation, or AF, and systems for the exclusion of the left atrial appendage. The Company believes cardiothoracic surgeons are adopting its ablation products for the



treatment of AF during concomitant open-heart surgical procedures and sole-therapy minimally invasive procedures. AF affects more than 5.5 million people worldwide and predisposes them to a five-fold increased risk of stroke. The FDA has not cleared or approved certain AtriCure products for the treatment of AF or a reduction in the risk of stroke.

### **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, 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.



**Contact:**

*AtriCure, Inc.*

Andy Wade  
Vice President and Chief Financial Officer  
(513) 755-4564  
[awade@atricure.com](mailto:awade@atricure.com)

**Investor Relations Contact:**

Lynn Pieper  
Westwicke Partners  
415-202-5678  
[Lynn.pieper@westwicke.com](mailto:Lynn.pieper@westwicke.com)

**For Immediate Release**

**AtriCure Prices Public Offering of Common Stock**

WEST CHESTER, Ohio – January 16, 2013 – AtriCure, Inc. (Nasdaq: ATRC), a medical device company and a leader in cardiac surgical ablation systems for the treatment of atrial fibrillation, or AF, and systems for the exclusion of the left atrial appendage, today announced the pricing of its previously announced underwritten public offering of 3,475,000 shares of its common stock at a public offering price of \$7.25 per share. In connection with the offering, AtriCure has also granted the underwriter a 30-day option to purchase up to an additional 521,250 shares of common stock to cover over-allotments, if any. Piper Jaffray & Co. is acting as the sole manager for the offering.

Net proceeds from the sale of the shares after underwriting discounts and commissions and other offering expenses are expected to be approximately \$23.5 million. The offering is subject to customary closing conditions and is expected to close on Tuesday, January 22, 2013.

AtriCure plans to use the net proceeds from the offering for general corporate purposes and working capital.

The offering was made pursuant to a prospectus supplement to AtriCure's prospectus, dated July 20, 2011, filed as part of AtriCure's effective \$50 million shelf registration statement.

This press release shall not constitute an offer to sell or the solicitation of an offer to buy any securities nor will there be any sale of these securities in any state or other jurisdiction in which such offer, solicitation or sale would be unlawful prior to registration or qualification under the securities laws of any such state or other jurisdiction.

Copies of the preliminary prospectus supplement and accompanying prospectus relating to these securities may be obtained by contacting Piper Jaffray & Co., Attention: Prospectus Department, 800 Nicollet Mall, J12S03, Minneapolis, MN 55402 or by telephone at 800-747-3924 or by email at [prospectus@pjc.com](mailto:prospectus@pjc.com).

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