
**UNITED STATES
SECURITIES AND EXCHANGE COMMISSION**
Washington, D.C. 20549

**FORM S-3
REGISTRATION STATEMENT**
*UNDER
THE SECURITIES ACT OF 1933*

ENDOLOGIX, INC.
(Exact name of registrant as specified in its charter)

Delaware
(State or other jurisdiction of
incorporation or organization)

68-0328265
(IRS Employer
Identification No.)

**2 Musick
Irvine, California 92618
(949) 595-7200**
(Address, including zip code and telephone number, including area code, of the registrant's principal executive offices)

**John Onopchenko
Chief Executive Officer
Endologix, Inc.
2 Musick
Irvine, California 92618
(949) 595-7200**
(Name, address, including zip code and telephone number, including area code, of the agent for service)

Copies to:

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Approximate date of commencement of proposed sale to the public:
From time to time after the effective date of this registration statement.

If the only securities being registered on this Form are being offered pursuant to dividend or interest reinvestment plans, please check the following box.

If any of the securities being registered on this Form are to be offered on a delayed or continuous basis pursuant to Rule 415 under the Securities Act, other than securities offered only in connection with dividend or interest reinvestment plans, check the following box.

If this Form is filed to register additional securities for an offering pursuant to Rule 462(b) under the Securities Act, please check the following box and list the Securities Act registration statement number of the earlier effective registration statement for the same offering.

If this Form is a post-effective amendment filed pursuant to Rule 462(c) under the Securities Act, check the following box and list the Securities Act registration statement number of the earlier effective registration statement for the same offering.

If this Form is a registration statement pursuant to General Instruction I.D. or a post-effective amendment thereto that shall become effective upon filing with the Commission pursuant to Rule 462(e) under the Securities Act, check the following box.

If this Form is a post-effective amendment to a registration statement filed pursuant to General Instruction I.D. filed to register additional securities or additional classes of securities pursuant to Rule 413(b) under the Securities Act, check the following box.

Indicate by check mark whether the registrant is a large accelerated filer, an accelerated filer, a non-accelerated filer, a smaller reporting company or an emerging growth company. See definitions of "large accelerated filer," "accelerated filer," "smaller reporting company," and "emerging growth company" in Rule 12b-2 of the Securities and Exchange Act of 1934, as amended.

Large accelerated filer Accelerated filer
Non-accelerated filer (Do not check if a smaller reporting company) Smaller reporting company
Emerging growth company

If an emerging growth company, indicate by check mark if the registrant has elected not to use the extended transition period for complying with any new or revised financial accounting standards provided pursuant to Section 7(a)(2)(B) of Securities Act.

CALCULATION OF REGISTRATION FEE

Title of Each Class of Securities to be Registered	Amount to be Registered ⁽¹⁾	Proposed Maximum Offering Price Per Unit ⁽¹⁾⁽²⁾	Proposed Maximum Aggregate Offering Price ⁽¹⁾⁽²⁾	Amount of Registration Fee ⁽³⁾
Common stock, \$0.001 par value per share	—	—	—	—
Preferred stock, \$0.001 par value per share	—	—	—	—
Warrants	—	—	—	—
Units ⁽⁴⁾	—	—	—	—
Total	—	—	\$100,000,000	\$12,450.00

- (1) This registration statement covers the registration of such indeterminate number of shares of common stock and preferred stock; such indeterminate number of warrants to purchase shares of common stock, shares of preferred stock, and/or units; and such indeterminate number of units as may be sold by the registrant from time to time, which together shall have an aggregate initial offering price not to exceed \$100,000,000. Any securities registered hereunder may be sold separately or as units with any other securities registered hereunder. The securities registered hereunder also include such indeterminate number of shares of common stock, shares of preferred stock, and warrants as may be issued upon the conversion of or exchange for preferred stock; upon the exercise of warrants; or pursuant to the anti-dilution provisions of any such securities. In addition, pursuant to Rule 416 under the Securities Act of 1933, as amended, or the Securities Act, the securities being registered hereunder include such indeterminate number of shares of common stock or preferred stock as may be issuable with respect to the shares being registered hereunder as a result of stock splits, stock dividends or similar transactions.
- (2) The proposed maximum aggregate offering price per unit will be determined from time to time by the Registrant in connection with, and at the time of, the issuance of the securities and is not specified as to each class of security pursuant to General Instruction II.D. of Form S-3.
- (3) Calculated pursuant to Rule 457(o) under the Securities Act based on the proposed maximum aggregate offering price of all securities listed.
- (4) Each unit will represent an interest in two or more other securities, which may or may not be separable from one another.

The registrant hereby amends this registration statement on such date or dates as may be necessary to delay its effective date until the Registrant shall file a further amendment which specifically states that this registration statement shall thereafter become effective in accordance with Section 8(a) of the Securities Act or until the registration statement shall become effective on such date as the Securities and Exchange Commission, acting pursuant to said Section 8(a), may determine.

EXPLANATORY NOTE

This registration statement contains two prospectuses:

- a base prospectus, which covers the offering, issuance and sale of up to \$100,000,000 of our common stock, preferred stock, warrants and/or units; and
- a prospectus supplement relating to the offer and sale of up to \$50,000,000 of our common stock pursuant to a sales agreement with Stifel, Nicolaus & Company, Incorporated.

The base prospectus immediately follows this explanatory note. The specific terms of any securities to be offered pursuant to the base prospectus will be specified in a prospectus supplement to the base prospectus. The prospectus supplement with respect to the sales agreement immediately follows the base prospectus. The shares of common stock that may be offered, issued and sold under that prospectus supplement are included in the \$100,000,000 of securities that may be offered, issued and sold by us under the base prospectus. Upon termination of the sales agreement, any portion of the \$50,000,000 included in the prospectus supplement that is not sold pursuant to the sales agreement will be available for sale in other offerings pursuant to the base prospectus.

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The information in this prospectus is not complete and may be changed. We may not sell these securities until the registration statement filed with the Securities and Exchange Commission is effective. This prospectus is not an offer to sell these securities and it is not soliciting an offer to buy these securities in any state where the offer or sale is not permitted.

PRELIMINARY PROSPECTUS
SUBJECT TO COMPLETION, DATED MAY 31, 2018

\$100,000,000



ENDOLOGIX, INC.

Common Stock
Preferred Stock
Warrants
Units

We may offer and sell, from time to time in one or more offerings, any combination of common stock, preferred stock, warrants and/or units having an aggregate initial offering price not to exceed \$100,000,000. The preferred stock may be convertible into or exchangeable for other shares of our preferred stock, shares of our common stock or warrants. The warrants may be exercisable for shares of our common stock, shares of our preferred stock, and/or units.

This prospectus provides a general description of the securities we may offer. Each time we sell a particular class of securities, we will provide specific terms of the securities offered in a supplement to this prospectus. The prospectus supplement may also add, update or change information in this prospectus. You should read this prospectus and any prospectus supplement, as well as the documents incorporated by reference or deemed to be incorporated by reference herein or therein, carefully before you invest in any of the securities offered pursuant to this prospectus.

This prospectus may not be used to offer or sell our securities unless accompanied by a prospectus supplement relating to the offered securities.

These securities may be sold directly by us, through dealers or agents designated from time to time, to or through underwriters or dealers or through a combination of these methods on a continuous or delayed basis. For additional information on the methods of sale, you should refer to the section entitled "Plan of Distribution" in this prospectus. We will describe the plan of distribution for any particular offering of our securities in a prospectus supplement. If any agents, underwriters or dealers are involved in the sale of any securities with respect to which this prospectus is being delivered, we will set forth in a prospectus supplement the names of such agents or underwriters and any applicable fees, commissions, discounts and over-allotment options. We will also set forth in a prospectus supplement the price to the public of such securities and the net proceeds we expect to receive from such sale.

Our common stock is listed on the NASDAQ Global Select Market and traded under the symbol "ELGX." On May 30, 2018, the last reported sale price for our common stock on the NASDAQ Global Select Market was \$5.64 per share.

INVESTING IN OUR SECURITIES INVOLVES A HIGH DEGREE OF RISK. YOU SHOULD REVIEW CAREFULLY THE RISKS AND UNCERTAINTIES DESCRIBED UNDER THE HEADING "[RISK FACTORS](#)" BEGINNING ON PAGE 4 OF THIS PROSPECTUS, AS WELL AS THE RISKS AND UNCERTAINTIES DESCRIBED UNDER A SIMILAR HEADING IN ANY APPLICABLE PROSPECTUS SUPPLEMENT AND IN THE DOCUMENTS THAT WE INCORPORATE BY REFERENCE HEREIN OR THEREIN.

Neither the Securities and Exchange Commission nor any state securities commission has approved or disapproved of these securities or passed upon the accuracy or adequacy of this prospectus. Any representation to the contrary is a criminal offense.

The date of this prospectus is _____, 2018

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ABOUT THIS PROSPECTUS

This prospectus is part of a registration statement that we filed with the Securities and Exchange Commission, or the SEC, using a “shelf” registration process. Under this shelf registration process, we may from time to time offer and sell any combination of the securities described in this prospectus in one or more offerings with an aggregate initial offering price not to exceed \$100,000,000. We have provided to you in this prospectus a general description of the securities we may offer. Each time we offer or sell any of our securities under this prospectus, we will, to the extent required by law, provide a prospectus supplement that will contain specific information about the terms of the offering.

We may add, update or change any of the information contained in this prospectus or in any accompanying prospectus supplement we may authorize to be delivered to you. To the extent there is a conflict between the information contained in this prospectus and any accompanying prospectus supplement, you should rely on the information in the prospectus supplement, provided that if any statement in one of these documents is inconsistent with a statement in another document having a later date—for example, a document incorporated by reference in this prospectus or any prospectus supplement—the statement in the document having the later date modifies or supersedes the earlier statement. Any statement so modified will be deemed to constitute a part of this prospectus only as so modified, and any statement so superseded will be deemed not to constitute a part of this prospectus. This prospectus, together with any accompanying prospectus supplement, includes all material information relating to an offering pursuant to this registration statement.

You should rely only on the information contained in this prospectus, in any accompanying prospectus supplement, or in any document incorporated by reference herein or therein. We have not authorized anyone to provide you with any different information. We take no responsibility for, and can provide no assurance as to the reliability of, any other information that others may provide to you. The information contained in this prospectus, in any applicable prospectus supplement, and in the documents incorporated by reference herein or therein is accurate only as of the date such information is presented. Our business, financial condition, results of operations and future prospects may have changed since those respective dates.

This prospectus and any accompanying prospectus supplement does not constitute an offer to sell or the solicitation of an offer to buy any securities other than the registered securities to which they relate, nor does this prospectus and any accompanying prospectus supplement constitute an offer to sell or the solicitation of an offer to buy securities in any jurisdiction to any person to whom it is unlawful to make such offer or solicitation in such jurisdiction. This prospectus may not be used to offer or sell our securities unless accompanied by a prospectus supplement relating to the offered securities.

The registration statement containing this prospectus, including the exhibits to the registration statement, provides additional information about us and the securities offered pursuant to this prospectus. For a more complete understanding of the offering of the securities, you should refer to the registration statement, including its exhibits. The registration statement can be read on the SEC’s website or at the SEC’s offices mentioned under the heading “Where You Can Find More Information.”

SPECIAL NOTE REGARDING FORWARD-LOOKING INFORMATION

This prospectus, any accompanying prospectus supplement, and the documents incorporated by reference herein and therein, contain forward-looking statements within the meaning of the federal securities laws. These forward-looking statements are intended to qualify for the safe harbor from liability established by the Private Securities Litigation Reform Act of 1995. All statements other than statements of historical fact included in this prospectus, any accompanying prospectus supplement, or the documents incorporated by reference herein or therein, are forward looking statements.

Our forward-looking statements are based on our management's current assumptions and expectations of future events and trends, which affect or may affect our business, strategy, operations or financial performance. Although we believe these forward-looking statements are based upon reasonable assumptions, they are subject to numerous known and unknown risks and uncertainties and are made in light of information currently available to us. Many important factors, in addition to the factors described in this prospectus, may materially and adversely affect our results as indicated in our forward-looking statements. You should read this prospectus, any accompanying prospectus supplement, and the documents we incorporate by reference herein and therein, completely and with the understanding that our actual future results may be materially different from and worse than what we expect.

Moreover, we operate in an evolving environment. New risk factors and uncertainties emerge from time to time and it is not possible for our management to predict all risk factors and uncertainties, nor can we assess the impact of all factors on our business or the extent to which any factor, or combination of factors, may cause actual results to differ materially from those contained in any forward-looking statements.

Forward-looking statements speak only as of the date they were made, and, except to the extent required by law or the rules of the NASDAQ Stock Market, we undertake no obligation to update or review any forward-looking statement because of new information, future events or other factors. You should, however, review the risks and uncertainties we describe in the reports we will file from time to time with the SEC, after the date of this prospectus. See the information included under the heading "Where You Can Find More Information."

Forward-looking statements involve risks and uncertainties and are not guarantees of future performance. As a result of the risks and uncertainties described above, the forward-looking statements discussed in this prospectus might not occur and our future results and performance may differ materially from the information provided in these forward-looking statements due to, but not limited to, the factors mentioned above. Because of these uncertainties, you should not place undue reliance on these forward-looking statements when making an investment decision.

We qualify all of our forward-looking statements by these cautionary statements.

ABOUT THE COMPANY

Overview

We develop, manufacture, market, and sell innovative medical devices for the treatment of aortic disorders. Our products are intended for the minimally invasive endovascular treatment of abdominal aortic aneurysms (“AAA”). Our AAA products are built on one of two platforms:

- Traditional minimally-invasive endovascular aneurysm repair (“EVAR”); and
- Endovascular aneurysm sealing (“EVAS”), our innovative solution for sealing the aneurysm sac while maintaining blood flow through two blood flow lumens.

Our current EVAR products include the AFX® Endovascular AAA System (the “AFX System”), the VELA® Proximal Endograft (“VELA”), and the Ovation® Abdominal Stent Graft System (the “Ovation System”). Our current EVAS product is the Nellix® Endovascular Aneurysm Sealing System (the “Nellix EVAS System”). We sell our EVAR platforms (including extensions and accessories) to hospitals in the United States, Canada, New Zealand, South Korea and Europe, and our EVAS platform to hospitals in New Zealand and Europe. We sell our EVAR and EVAS platforms (including extensions and accessories) to third-party international distributors and agents in Asia, Europe, South America and in other parts of the world. Such sales of our EVAR and EVAS platforms provide the sole source of our reported revenue.

Endologix®, AFX®, Duraply®, VELA®, IntuiTrak®, ActiveSeal®, Nellix®, Ovation®, Ovation Prime®, Ovation Alto®, and CustomSeal® are registered trademarks of Endologix, Inc. and its subsidiaries.

We have obtained CE Mark approval for the Nellix EVAS System in the European Union. The Nellix EVAS System is only approved as an investigational device in the United States. Ovation Alto, our next generation Ovation System device, is only approved as an investigational device and is not currently approved in any market.

Corporate Information

We were incorporated in California in March 1992 under the name Cardiovascular Dynamics, Inc. and reincorporated in Delaware in June 1993. In January 1999, we merged with Radiance Medical Systems, Inc. and changed our name to Radiance Medical Systems, Inc., which was a privately-held corporation. In May 2002, we merged with Endologix, Inc., which was a privately held corporation, and changed our name to Endologix, Inc. Our main offices are located at 2 Musick, Irvine, California 92618, and our telephone number is (949) 595-7200. Additional information about Endologix, Inc. and our products is available through our website at www.endologix.com. The information contained on or accessed through our website is not incorporated by reference into this prospectus, and you should not consider information contained on our website to be a part of this prospectus or in deciding whether to purchase our securities. References in this prospectus to our website are to inactive textual references only.

RISK FACTORS

Investing in our securities involves a high degree of risk. Before making an investment decision, you should carefully consider the risks described in the sections entitled “Risk Factors” in our most recent Annual Report on Form 10-K and subsequent Quarterly Reports on Form 10-Q, as filed with the SEC, which are incorporated by reference in this prospectus in their entirety, as well as any amendments or updates to our risk factors reflected in subsequent filings with the SEC, including any applicable prospectus supplement. If any of these risks actually occur, our business, financial condition, results of operations and future prospects could be materially and adversely affected. In that case, the trading price of our securities could decline and you might lose all or part of your investment. For more information, see “Where You Can Find More Information.”

The risks and uncertainties we have described are not the only ones we face. Additional risks and uncertainties not presently known to us or that we currently deem immaterial may also affect our business, financial condition or results of operations.

This prospectus and the documents we incorporate by reference in this prospectus contain forward-looking statements that involve risks and uncertainties. Our actual results could differ materially from those anticipated in these forward-looking statements as a result of certain factors, including the risks and uncertainties mentioned elsewhere in this prospectus. For more information, see “Special Note Regarding Forward-Looking Information.”

USE OF PROCEEDS

We intend to use the net proceeds we receive from the sale of our securities, and from the exercise of any warrants issued pursuant hereto, for working capital and other general corporate purposes.

We may set forth additional information regarding the anticipated use of proceeds from the sale of securities we offer under this prospectus in a prospectus supplement relating to the specific offering. We have not determined the amount of net proceeds to be used from any specific offering. As a result, our management will have broad discretion in the allocation of the net proceeds.

THE SECURITIES WE MAY OFFER

We may offer and sell, from time to time in one or more offerings, any combination of common stock, preferred stock, warrants, and/or units having an aggregate initial offering price not to exceed \$100,000,000. The preferred stock may be convertible into or exchangeable for other shares of our preferred stock, shares of our common stock or warrants. The warrants may be exercisable for shares of our common stock, shares of our preferred stock, and/or units. In this prospectus, we refer to the common stock, preferred stock, warrants and units that we may offer collectively as “securities.”

This prospectus provides a general description of the securities we may offer. Each time we sell any of our securities under this prospectus, we will, to the extent required by law, provide a prospectus supplement that will contain specific information about the terms of the offering. The prospectus supplement may also add, update or change information in this prospectus. For more information, see “About this Prospectus.”

DESCRIPTION OF CAPITAL STOCK

The following is a summary of all material characteristics of our capital stock as set forth in our amended and restated certificate of incorporation, as amended, or our Charter, and our amended and restated bylaws, or our Bylaws. The summary does not purport to be complete and is qualified in its entirety by reference to our Charter and our Bylaws, copies of which have been filed as exhibits to our SEC filings. For more information, see “Where You Can Find More Information.”

Common Stock

General. We may issue shares of our common stock from time to time. We are currently authorized to issue 135,000,000 shares of common stock, par value \$0.001 per share. As of March 31, 2018, there were 83,996,817 shares of our common stock issued and outstanding. Pursuant to a definitive proxy statement filed with the SEC on April 30, 2018, we have asked our stockholders to approve an amendment to our Charter to increase the total number of authorized shares of our common stock by 35,000,000 shares, from 135,000,000 shares to 170,000,000 shares, or the Charter Amendment Proposal. If our stockholders approve the Charter Amendment Proposal at our annual meeting of stockholders to be held on June 14, 2018, we will be authorized to issue 170,000,000 shares of our common stock, par value \$0.001 per share. The rights, preferences and privileges of holders of our common stock are subject to, and may be adversely affected by, the rights of the holders of shares of any of our outstanding preferred stock.

Dividend Rights. Subject to preferences that may be applicable to any then outstanding shares of preferred stock, holders of common stock are entitled to receive ratably such dividends as may be declared by the board of directors out of funds legally available therefor.

Voting Rights. The holders of our common stock are entitled to one vote for each share held of record on all matters submitted to a vote of the stockholders. The holders of common stock are not entitled to cumulative voting rights with respect to the election of directors, and as a consequence, minority stockholders will not be able to elect directors on the basis of their votes alone.

No Preemptive, Conversion or Similar Rights. Holders of common stock have no preemptive rights and no right to convert their common stock into any other securities.

Right to Receive Liquidation Distributions. In the event of a liquidation, dissolution or winding up, holders of the common stock are entitled to share ratably in all assets remaining after payment of liabilities and the liquidation preferences of any then outstanding shares of preferred stock.

Fully Paid and Non-Assessable. All outstanding shares of common stock are, and all shares of common stock to be issued under this prospectus will be, fully paid and non-assessable.

Preferred Stock

Our Charter provides that our board of directors has the authority, without further action by the stockholders, to issue up to 5,000,000 shares of preferred stock in one or more series and to fix the number of shares constituting any series or the designation of a series and to determine or alter for each series or designation of a series the voting powers, if any, and the designations, preferences, and relative, participating, optional, or other rights, and the qualifications, limitations or restrictions, of any series or the designation of a series. Prior to the issuance of shares of each series of preferred stock, the board of directors is required by the General Corporation Law of the State of Delaware, or the DGCL, and our Charter, to adopt resolutions and file a certificate of designation with the Secretary of State of the State of Delaware. The certificate of designation will establish, for each class or series of preferred stock, the rights, preferences, and privileges of such class or series.

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Whenever preferred stock is to be sold pursuant to this prospectus, we will file a prospectus supplement relating to that sale which will specify (in each case to the extent applicable):

- the title and stated value of the preferred stock;
- the number of shares of the preferred stock offered, the liquidation preference per share and the offering price of the preferred stock;
- the dividend rate, period and payment date, and method of calculation for dividends;
- whether dividends are cumulative or non-cumulative and, if cumulative, the date from which dividends will accumulate;
- any listing of the preferred stock on any securities exchange;
- the provision for redemption of the preferred stock;
- the terms and conditions upon which the preferred stock will be convertible into any other class of capital stock, including the conversion price;
- voting rights of the preferred stock;
- preemption rights;
- the relative ranking and preferences of the preferred stock as to dividend rights and rights upon the liquidation, dissolution or winding up of our affairs;
- limitations on issuance of any class or series of preferred stock ranking senior to or on a parity with the series of preferred stock as to dividend rights and rights if we liquidate, dissolve or wind up our affairs; and
- any other specific terms, preferences, rights or limitations of, or restrictions on, the preferred stock.

The DGCL provides that the holders of preferred stock will have the right to vote separately as a class on any proposed fundamental change in the rights of the preferred stock. This right is in addition to any voting rights that may be provided for in the applicable certificate of designation.

All shares of preferred stock offered by this prospectus will, when issued, be fully paid and nonassessable and will not have any preemptive or similar rights.

Delaware Law and Certain Certificate of Incorporation and Bylaw Provisions

The provisions of Delaware law, our Charter and our Bylaws may have the effect of delaying, deferring or discouraging another person from acquiring control of us by means of a tender offer, a proxy contest or otherwise, or removing incumbent officers and directors. These provisions, summarized below, are expected to discourage certain types of coercive takeover practices and takeover bids that our board of directors may consider inadequate and to encourage any person seeking to acquire control of us to first negotiate with our board of directors.

Delaware Law. We are governed by the provisions of Section 203 of the DGCL. In general, Section 203 prohibits a public Delaware corporation from engaging in a “business combination” with an “interested stockholder” for a period of three years after the date such stockholder became an “interested stockholder.” A “business combination” includes mergers, asset sales or other transactions resulting in a financial benefit to the stockholder. An “interested stockholder” is a person who, together with affiliates and associates, owns, or within three years did, prior to the determination of interested stockholder status, own, 15% or more of the corporation’s outstanding voting stock. These provisions may have the effect of delaying, deferring or preventing a change in control of our company not approved in advance by our board of directors.

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Charter and Bylaw Provisions. Our Charter and our Bylaws also include a number of other provisions that may have the effect of deterring hostile takeovers or delaying or preventing changes in control or our management as follows:

- Our Charter and our Bylaws provide for a classified board of directors comprised of three classes of directors with each class serving a staggered three-year term. Our directors may be removed with or without cause.
- Our Bylaws provide that all stockholder action must be effected at a duly called meeting of stockholders and not by a consent in writing.
- Our Bylaws provide that stockholders seeking to present proposals before a meeting of stockholders, or to nominate candidates for election as directors at a meeting of stockholders, must provide timely notice in writing. Our Bylaws also specify requirements as to the form and content of a stockholder's notice. These provisions may delay or preclude stockholders from bringing matters before a meeting of stockholders or from making nominations for directors at a meeting of stockholders, which could delay or deter takeover attempts or changes in management.
- Our Bylaws provide that all vacancies, including newly created directorships, may, except as otherwise required by law, be filled by the affirmative vote of a majority of our directors then in office, even if less than a quorum.
- Our board of directors has the authority to issue preferred stock, which could potentially be used to discourage attempts by third parties to obtain control of us through a merger, tender offer, proxy or consent solicitation or otherwise, by making those attempts more difficult to achieve or more costly.

NASDAQ Global Select Market

Our common stock is listed on the NASDAQ Global Select Market and traded under the symbol "ELGX." On May 30, 2018, the last reported sale price for our common stock on the NASDAQ Global Select Market was \$5.64 per share.

Transfer Agent and Registrar

The transfer agent and registrar for our common stock is American Stock Transfer & Trust Company, LLC. The address of American Stock Transfer & Trust Company is 6201 15th Avenue, Brooklyn, NY 11219 and the telephone number is (718) 921-8200.

DESCRIPTION OF WARRANTS

We may issue warrants for the purchase of shares of common stock, shares of preferred stock and/or units, from time to time. We may issue warrants independently or together with common stock and/or preferred stock, and the warrants may be attached to or separate from those securities. If we issue warrants, they will be evidenced by warrant agreements or warrant certificates issued under one or more warrant agreements, which will be contracts between us and the holders of the warrants or an agent for the holders of the warrants. The forms of warrant agreements or warrant certificates, as applicable, relating to the warrants will be filed as exhibits to the registration statement that includes this prospectus, or as an exhibit to a filing with the SEC that is incorporated by reference into this prospectus.

DESCRIPTION OF UNITS

We may issue units comprised of one or more of the other securities described in this prospectus in any combination from time to time. Each unit will be issued so that the holder of the unit is also the holder of each security included in the unit. Thus, the holder of a unit will have the rights and obligations of a holder of each included security. If we issue units, they will be evidenced by unit agreements or unit certificates issued under one or more unit agreements, which will be contracts between us and the holders of the units or an agent for the holders of the units. The unit agreement under which a unit is issued may provide that the securities included in the unit may not be held or transferred separately, at any time or at any time before a specified date. The forms of unit agreements or unit certificates, as applicable, relating to the units will be filed as exhibits to the registration statement that includes this prospectus, or as an exhibit to a filing with the SEC that is incorporated by reference into this prospectus.

PLAN OF DISTRIBUTION

We may sell our securities from time to time in any manner permitted by the Securities Act, including any one or more of the following ways:

- through agents;
- to or through underwriters;
- to or through broker-dealers (acting as agent or principal);
- in “at the market offerings”, within the meaning of Rule 415(a)(4) of the Securities Act, to or through a market maker or into an existing trading market, on an exchange or otherwise; and/or
- directly to purchasers, through a specific bidding or auction process or otherwise.

The securities may be sold at a fixed price or prices, which may be changed, at market prices prevailing at the time of sale, at prices relating to the prevailing market prices or at negotiated prices.

Offers to purchase offered securities may be solicited by agents designated by us from time to time. Any agent involved in the offer or sale of the offered securities in respect of which this prospectus is delivered will be named, and any commissions payable by us will be set forth, in the applicable prospectus supplement. Unless otherwise set forth in the applicable prospectus supplement, any agent will be acting on a reasonable best efforts basis for the period of its appointment. Any agent may be deemed to be an underwriter, as that term is defined in the Securities Act, of the offered securities so offered and sold.

We will set forth in a prospectus supplement the terms of the offering of our securities, including:

- the name or names of any agents, underwriters or dealers;
- the type of securities being offered;
- the purchase price of our securities being offered and the net proceeds we expect to receive from the sale;
- any over-allotment options under which underwriters may purchase additional securities from us;
- any agency fees or underwriting discounts and commissions and other items constituting agents’ or underwriters’ compensation;
- the public offering price;
- any discounts or concessions allowed or reallocated or paid to dealers; and
- any securities exchanges on which such securities may be listed.

If offered securities are sold to the public by means of an underwritten offering, either through underwriting syndicates represented by managing underwriters or directly by the managing underwriters, we will execute an underwriting agreement with an underwriter or underwriters, and the names of the specific managing underwriter or underwriters, as well as any other underwriters, will be set forth in the applicable prospectus supplement. In addition, the terms of the transaction, including commissions, discounts and any other compensation of the underwriters and dealers, if any, will be set forth in the applicable prospectus supplement, which prospectus supplement will be used by the underwriters to make resales of the offered securities. If underwriters are utilized in the sale of the offered securities, the offered securities will be acquired by the underwriters for their own account and may be resold from time to time in one or more transactions, including:

- transactions on the NASDAQ Global Select Market or any other organized market where the securities may be traded;
- in the over-the-counter market;

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- in negotiated transactions; or
- under delayed delivery contracts or other contractual commitments.

We may grant to the underwriters options to purchase additional offered securities to cover over-allotments, if any, at the public offering price with additional underwriting discounts or commissions, as may be set forth in the applicable prospectus supplement. If we grant any over-allotment option, the terms of the over-allotment option will be set forth in the applicable prospectus supplement.

We may authorize agents or underwriters to solicit offers by certain types of institutional investors to purchase securities from us at the public offering price set forth in the prospectus supplement pursuant to delayed delivery contracts providing for payment and delivery on a specified date in the future. We will describe the conditions to these contracts and the commissions we must pay for solicitation of these contracts in the prospectus supplement.

We may indemnify agents, underwriters and dealers against specified liabilities, including liabilities incurred under the Securities Act, or to contribution by us to payments they may be required to make in respect of such liabilities. Agents, underwriters or dealers, or their respective affiliates, may be customers of, engage in transactions with or perform services for us or our respective affiliates, in the ordinary course of business.

Unless otherwise specified in the applicable prospectus supplement, each class or series of securities will be a new issue with no established trading market, other than our common stock, which is traded on the NASDAQ Global Select Market. We may elect to list any other class or series of securities on any exchange and, in the case of our common stock, on any additional exchange. However, unless otherwise specified in the applicable prospectus supplement, we will not be obligated to do so. It is possible that one or more underwriters may make a market in a class or series of securities, but the underwriters will not be obligated to do so and may discontinue any market making at any time without notice. We cannot give any assurance as to the liquidity of the trading market for any of the offered securities.

Any underwriter may engage in over-allotment, stabilizing transactions, short-covering transactions and penalty bids in accordance with Regulation M under the Securities Exchange Act of 1934, as amended, or the Exchange Act. Over-allotment involves sales in excess of the offering size, which create a short position. Stabilizing transactions permit bids to purchase the underlying security so long as the stabilizing bids do not exceed a specified maximum price. Syndicate-covering or other short-covering transactions involve purchases of the securities, either through exercise of the over-allotment option or in the open market after the distribution is completed, to cover short positions. Penalty bids permit the underwriters to reclaim a selling concession from a dealer when the securities originally sold by the dealer are purchased in a stabilizing or covering transaction to cover short positions. Those activities may cause the price of the securities to be higher than it would otherwise be. If commenced, the underwriters may discontinue any of the activities at any time.

To comply with the securities laws of certain states, if applicable, the securities offered by this prospectus will be offered and sold in those states only through registered or licensed brokers or dealers.

In compliance with guidelines of the Financial Industry Regulatory Authority, or FINRA, the maximum consideration or discount to be received by any FINRA member or independent broker dealer may not exceed 8% of the aggregate amount of the securities offered pursuant to this prospectus and any applicable prospectus supplement.

LEGAL MATTERS

Certain legal matters, including the validity of the issuance of the securities offered by this prospectus, will be passed upon for us by Stradling Yocca Carlson & Rauth, P.C., Newport Beach, California.

EXPERTS

The consolidated financial statements and schedule of Endologix, Inc. as of December 31, 2017 and 2016 and for each of the years in the three-year period ended December 31, 2017, and management's assessment of the effectiveness of internal control over financial reporting as of December 31, 2017, have been incorporated by reference herein in reliance upon the reports of KPMG LLP, independent registered public accounting firm, incorporated by reference herein, and upon the authority of said firm as experts in accounting and auditing.

INCORPORATION OF CERTAIN DOCUMENTS BY REFERENCE

The SEC allows us to “incorporate” into this prospectus information that we file with the SEC in other documents. This means that we can disclose important information to you by referring to other documents that contain that information. Any information that we incorporate by reference into this prospectus is considered part of this prospectus.

Information contained in this prospectus and information that we file with the SEC in the future and incorporate by reference in this prospectus automatically modifies and supersedes previously filed information, including information in previously filed documents or reports that have been incorporated by reference in this prospectus, to the extent the new information differs from or is inconsistent with the old information. Any statement so modified will be deemed to constitute a part of this prospectus only as so modified, and any statement so superseded will be deemed not to constitute a part of this prospectus. For more information, see “About this Prospectus.”

We incorporate by reference, as of their respective dates of filing, the documents listed below that we have filed with the SEC and any future documents that we file with the SEC pursuant to Sections 13(a), 13(c), 14 or 15(d) of the Exchange Act, including any documents filed after the date of the initial registration statement of which this prospectus is a part until the offering of the securities covered by this prospectus has been completed, other than, in each case, documents or information deemed to have been “furnished” and not “filed” in accordance with SEC rules:

- our Annual Report on Form 10-K for the fiscal year ended December 31, 2017, or our Annual Report, filed with the SEC on March 13, 2018;
- our Quarterly Report on Form 10-Q for the fiscal quarter ended March 31, 2017, or our Quarterly Report, filed with the SEC on May 9, 2018;
- the information specifically incorporated by reference into our Annual Report from our Definitive Proxy Statement on Schedule 14A (Revised), filed with the SEC on April 30, 2018;
- our Current Reports on Form 8-K as filed with the SEC on each of January 8, 2018, January 31, 2018, February 21, 2018 and May 2, 2018; and
- the description of our common stock contained in our registration statement on Form 8-A, filed with the SEC on June 18, 1996, including any amendment or report filed for the purpose of updating such description.

These filings have not been included in or delivered with this prospectus. We will provide to each person, including any beneficial owner to whom this prospectus is delivered, a copy of any document that is incorporated by reference in this prospectus. You may obtain a copy of these documents, at no cost, from our website (www.endologix.com) or by contacting us using the following information:

Endologix, Inc.
2 Musick
Irvine, California 92618
Attention: Investor Relations
(949) 595-7200

Exhibits to the documents will not be sent, however, unless those exhibits have specifically been incorporated by reference in this prospectus.

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You should rely only on the information contained in this prospectus, in any accompanying prospectus supplement, or in any document incorporated by reference herein or therein. We have not authorized anyone to provide you with any different information. We take no responsibility for, and can provide no assurance as to the reliability of, any other information that others may provide to you. The information contained in this prospectus, in any applicable prospectus supplement, and in the documents incorporated by reference herein or therein is accurate only as of the date such information is presented. Our business, financial condition, results of operations and future prospects may have changed since those respective dates.

WHERE YOU CAN FIND MORE INFORMATION

We file annual, quarterly and current reports and other information with the SEC. You may read and copy any document we file at the SEC's Public Reference Room located at 100 F Street, N.E., Washington, D.C. 20549. You may obtain information on the operation of the public reference room by calling the SEC at 1-800-SEC-0330. Our filings with the SEC also are available from the SEC's website at www.sec.gov, which contains reports, proxy and information statements, and other information regarding issuers that file electronically.

This prospectus is part of a registration statement that we filed with the SEC. As permitted by SEC rules, this prospectus and any accompanying prospectus supplement that we may file, which form a part of the registration statement, do not contain all of the information that is included in the registration statement. The registration statement contains more information regarding us and our securities, including certain exhibits. You can obtain a copy of the registration statement from the SEC at the address listed above or from the SEC's website.

\$100,000,000



ENDOLOGIX, INC.

**Common Stock
Preferred Stock
Warrants
Units**

**PROSPECTUS
, 2018**

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The information in this prospectus supplement is not complete and may be changed. We may not sell these securities until the registration statement filed with the Securities and Exchange Commission is effective. This prospectus supplement is not an offer to sell these securities and it is not soliciting an offer to buy these securities in any state where the offer or sale is not permitted.

SUBJECT TO COMPLETION, DATED MAY 31, 2018

PROSPECTUS SUPPLEMENT
(To Prospectus dated _____, 2018)

Up to \$50,000,000



ENDOLOGIX, INC.

Common Stock

We have entered into an At-The-Market Equity Offering Sales Agreement, or the Sales Agreement, with Stifel, Nicolaus & Company, Incorporated, or Stifel, relating to our common stock offered by this prospectus supplement. In accordance with the terms of the Sales Agreement, we may offer and sell our common stock having an aggregate offering price of up to \$50,000,000 from time to time through Stifel acting as our agent.

Our common stock is listed on the NASDAQ Global Select Market under the symbol "ELGX." On May 30, 2018, the last reported sale price of our common stock as reported on the NASDAQ Global Select Market was \$5.64 per share.

Sales of our common stock, if any, under this prospectus supplement may be made in sales deemed to be "at the market" offering as defined in Rule 415 promulgated under the Securities Act of 1933, as amended, or the Securities Act. Stifel, as sales agent, will use commercially reasonable efforts to sell on our behalf all of the shares requested to be sold by us, consistent with its normal trading and sales practices, on mutually agreed terms between Stifel and us. There is no arrangement for funds to be received in any escrow, trust or similar arrangement.

Stifel will be entitled to compensation at a fixed commission rate of up to 3.0% of the gross sales price per share sold through it as sales agent under the Sales Agreement. In connection with the sale of our common stock on our behalf, Stifel will be deemed to be an "underwriter" within the meaning of the Securities Act and the compensation of Stifel will be deemed to be underwriting commissions. We have also agreed to provide rights of indemnification and contribution to Stifel with respect to certain liabilities, including liabilities under the Securities Act.

INVESTING IN OUR COMMON STOCK INVOLVES A HIGH DEGREE OF RISK. YOU SHOULD REVIEW CAREFULLY THE RISKS AND UNCERTAINTIES DESCRIBED UNDER THE HEADING "RISK FACTORS" BEGINNING ON PAGE S-5 OF THIS PROSPECTUS SUPPLEMENT AND PAGE 33 OF OUR QUARTERLY REPORT ON FORM 10-Q FOR THE FISCAL QUARTER ENDED MARCH 31, 2018, AS WELL AS THE RISKS AND UNCERTAINTIES DESCRIBED IN THE OTHER DOCUMENTS WE FILE WITH THE SEC.

Neither the Securities and Exchange Commission nor any state securities commission has approved or disapproved of the securities being offered by this prospectus supplement or accompanying prospectus, or determined if this prospectus supplement or accompanying prospectus is truthful or complete. Any representation to the contrary is a criminal offense.

STIFEL

The date of this prospectus supplement is _____, 2018.

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ABOUT THIS PROSPECTUS SUPPLEMENT

This document is part of a registration statement that was filed with the Securities and Exchange Commission, or the SEC, using a “shelf” registration process and consists of two parts. The first part is the base prospectus, including the documents incorporated by reference therein, which provides general information. The second part, this prospectus supplement, including the documents incorporated by reference herein, describes the specific terms of this offering. In general, when we refer only to the prospectus, we are referring to both parts of this document combined.

Before you invest, you should carefully read this prospectus, all information incorporated by reference herein, as well as the additional information described under the heading “Where You Can Find More Information.” These documents contain information you should carefully consider when deciding whether to invest in our common stock.

This prospectus supplement may add, update or change information contained in the accompanying prospectus. To the extent there is a conflict between the information contained in this prospectus supplement and the accompanying prospectus, you should rely on information contained in this prospectus supplement, provided that if any statement in, or incorporated by reference into, one of these documents is inconsistent with a statement in another document having a later date, the statement in the document having the later date modifies or supersedes the earlier statement. Any statement so modified will be deemed to constitute a part of this prospectus only as so modified, and any statement so superseded will be deemed not to constitute a part of this prospectus.

You should rely only on the information contained in this prospectus, any document incorporated by reference herein, or any free writing prospectuses we may provide to you in connection with this offering. Neither we nor Stifel has authorized anyone to provide you with any different information. We take no responsibility for, and can provide no assurance as to the reliability of, any other information that others may provide to you. The information contained in this prospectus, and in the documents incorporated by reference herein, is accurate only as of the date such information is presented. Our business, financial condition, results of operations and future prospects may have changed since those respective dates.

This prospectus does not constitute an offer to sell or the solicitation of an offer to buy any securities other than the shares of common stock to which it relates, nor does this prospectus constitute an offer to sell or the solicitation of an offer to buy securities in any jurisdiction to any person to whom it is unlawful to make such offer or solicitation in such jurisdiction.

Unless otherwise indicated, information contained in or incorporated by reference into this prospectus concerning our industry and the markets in which we operate, including market opportunity, market position and competitive landscape, is based on information from our management’s estimates, as well as from industry publications, surveys and studies conducted by third parties. Management estimates are derived from publicly available information, our knowledge of our industry, and assumptions based on such information and knowledge, which we believe to be reasonable. In addition, while we believe that information contained in the industry publications, surveys and studies has been obtained from reliable sources, the accuracy and completeness of such information is not guaranteed, and we have not independently verified any of the data contained in these third-party sources.

This prospectus, including the documents incorporated by reference herein, includes statements that are based on various assumptions and estimates that are subject to numerous known and unknown risks and uncertainties. Some of these risks and uncertainties are described in the section entitled “Risk Factors” beginning on page S-6 of this prospectus supplement and page 33 of our Quarterly Report on Form 10-Q for the fiscal quarter ended March 31, 2018, or our Quarterly Report, as well as the other documents we file with the SEC. These and other important factors could cause our future results to be materially different from the results expected as a result of, or implied by, these assumptions and estimates. You should read the information contained in, or incorporated by

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reference into, this prospectus completely and with the understanding that future results may be materially different from and worse than what we expect. See the information included under the heading “Special Note Regarding Forward-Looking Information.”

This prospectus does not contain all of the information included in the registration statement of which this prospectus is a part. For a more complete understanding of the offering of the securities, you should refer to the registration statement, including its exhibits. The registration statement containing this prospectus, including the exhibits to the registration statement, provides additional information about us and the securities offered pursuant to this prospectus. The registration statement, including the exhibits, can be read on the SEC’s website or at the SEC’s offices mentioned under the heading “Where You Can Find More Information.”

PROSPECTUS SUPPLEMENT SUMMARY

This prospectus supplement summary discusses the key aspects of the offering and highlights certain information appearing elsewhere in this prospectus and in the documents we incorporate by reference herein. However, as this is a summary, it does not contain all of the information you should consider before deciding to invest in our common stock. You are encouraged to carefully read this entire prospectus, including the information provided under the heading (i) “Risk Factors” in this prospectus and in our Quarterly Report as well as in the other documents we file with the SEC, and (ii) “Management’s Discussion and Analysis of Financial Condition and Results of Operations”, and our financial statements and the related notes, in our Quarterly Report, our Annual Report on Form 10-K for the fiscal year ended December 31, 2017, or our Annual Report, as well as in the other periodic reports we file with the SEC.

Unless otherwise stated in this prospectus, references to “Endologix,” “we,” “us,” or “our” refer to Endologix, Inc. and its consolidated subsidiaries.

Overview

We develop, manufacture, market, and sell innovative medical devices for the treatment of aortic disorders. Our products are intended for the minimally invasive endovascular treatment of abdominal aortic aneurysms (“AAA”). Our AAA products are built on one of two platforms:

- Traditional minimally-invasive endovascular aneurysm repair (“EVAR”); and
- Endovascular aneurysm sealing (“EVAS”), our innovative solution for sealing the aneurysm sac while maintaining blood flow through two blood flow lumens.

Our current EVAR products include the AFX® Endovascular AAA System (the “AFX System”), the VELA® Proximal Endograft (“VELA”), and the Ovation® Abdominal Stent Graft System (the “Ovation System”). Our current EVAS product is the Nellix® Endovascular Aneurysm Sealing System (the “Nellix EVAS System”). We sell our EVAR platforms (including extensions and accessories) to hospitals in the United States, Canada, New Zealand, South Korea and Europe, and our EVAS platform to hospitals in New Zealand and Europe. We sell our EVAR and EVAS platforms (including extensions and accessories) to third-party international distributors and agents in Asia, Europe, South America and in other parts of the world. Such sales of our EVAR and EVAS platforms provide the sole source of our reported revenue.

Endologix®, AFX®, Duraply®, VELA®, IntuiTrak®, ActiveSeal®, Nellix®, Ovation®, Ovation Prime®, Ovation Alto®, and CustomSeal® are registered trademarks of Endologix, Inc. and its subsidiaries.

We have obtained CE Mark approval for the Nellix EVAS System in the European Union. The Nellix EVAS System is only approved as an investigational device in the United States. Ovation Alto, our next generation Ovation System device, is only approved as an investigational device and is not currently approved in any market.

Corporate Information

We were incorporated in California in March 1992 under the name Cardiovascular Dynamics, Inc. and reincorporated in Delaware in June 1993. In January 1999, we merged with Radiance Medical Systems, Inc. and changed our name to Radiance Medical Systems, Inc., which was a privately-held corporation. In May 2002, we merged with Endologix, Inc., which was a privately held corporation, and changed our name to Endologix, Inc. Our main offices are located at 2 Musick, Irvine, California 92618, and our telephone number is (949) 595-7200. Additional information about Endologix, Inc. and our products is available through our website at www.endologix.com. The information contained on or accessed through our website is not incorporated by reference into this prospectus, and you should not consider information contained on our website to be a part of this prospectus or in deciding whether to purchase our securities. References in this prospectus to our website are to inactive textual references only.

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THE OFFERING

Issuer:	Endologix, Inc.
Common Stock offered by us:	A number of shares of common stock resulting in aggregate gross proceeds to us of up to \$50.0 million.
Manner of offering:	“At the market offering” that may be made from time to time by or through Stifel, acting as sales agent or principal. See “Plan of Distribution” on page S-19.
Use of proceeds:	We intend to use the net proceeds from this offering for working capital and other general corporate purposes. See “Use of Proceeds” on page S-8.
Risk factors:	Investing in our common stock involves a high degree of risk. You should review carefully the risks and uncertainties described under the heading “Risk Factors” beginning on page S-5 of this prospectus and page 33 of our Quarterly Report, as well as the risks and uncertainties described in the other documents we file with the SEC.
NASDAQ Global Select Market symbol:	“ELGX”

RISK FACTORS

Investing in our common stock involves a high degree of risk. Before making an investment decision, you should carefully consider the risks and uncertainties described below, together with all of the other information included in this prospectus, and the information incorporated by reference herein, including the risks described under the heading "Risk Factors" beginning on page 33 of our Quarterly Report, as well as in the other documents we file with the SEC.

If any of the risks described below, or incorporated by reference into this prospectus, actually occur, our business, financial condition, results of operations and future prospects could suffer. In that case, the trading price of our common stock may decline and you may lose all or part of your investment. The risks and uncertainties we have described are not the only ones we face. Additional risks and uncertainties not presently known to us or that we currently deem immaterial may also affect our business, financial condition results of operations and future prospects. Certain statements below are forward-looking statements. See the information included under the heading "Special Note Regarding Forward-Looking Information."

Risks Related to this Offering

You may experience immediate and substantial dilution in the book value of your investment.

The offering price per share in this offering may exceed the pro forma net tangible book value per share of our common stock outstanding prior to this offering. Assuming that an aggregate of 8,865,248 shares of our common stock are sold at a price of \$5.64 per share, the last reported sale price of our common stock on the NASDAQ Global Select Market on May 30, 2018, for aggregate gross proceeds of \$50.0 million, and after deducting commissions and estimated aggregate offering expenses payable by us, you will experience immediate dilution of \$5.74 per share, representing the difference between our pro forma as adjusted net tangible book value per share as of March 31, 2018 after giving effect to this offering and the assumed offering price. The exercise of outstanding stock options or warrants could result in further dilution of your investment.

Management will have broad discretion to determine how to use the funds raised in this offering, and may use them in ways that may not enhance our operating results or the price of our common stock.

Our management will have broad discretion over the use of proceeds from this offering, and we could spend the proceeds from this offering in ways our stockholders may not agree with or that do not yield a favorable return. We intend to use the net proceeds of this offering for working capital and other general corporate purposes. However, our use of these proceeds may differ substantially from our current plans. If we do not invest or apply the proceeds of this offering in ways that improve our operating results, we may fail to achieve expected financial results, which could cause our stock price to decline.

You may experience future dilution as a result of future equity offerings.

In order to raise additional capital, we may in the future offer additional shares of our common stock or other securities convertible into or exchangeable for our common stock at prices that may not be the same as the price per share paid by investors in this offering. We may sell shares or other securities in any other offering at a price per share that is less than the price per share paid by any investors in this offering, and investors purchasing shares or other securities in the future could have rights superior to existing stockholders. The price per share at which we sell additional shares of our common stock, or securities convertible or exchangeable into common stock, in future transactions may be higher or lower than the price per share paid by any investors in this offering.

Future sales of substantial amounts of our common stock, or the possibility that such sales could occur, could adversely affect the market price of our common stock.

We may issue up to \$50.0 million of common stock from time to time in this offering. The issuance from time to time of shares in this offering, as well as the fact that we have the ability to issue such shares in this offering,

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could have the effect of depressing the market price or increasing the market price volatility of our common stock.

It is not possible to predict the actual number of shares we will sell under the Sales Agreement, or the gross proceeds resulting from those sales.

Subject to certain limitations in the Sales Agreement and compliance with applicable law, we have the discretion to deliver a placement notice to Stifel at any time throughout the term of the Sales Agreement. The number of shares that are sold through Stifel after delivering a placement notice will fluctuate based on a number of factors, including the market price of our common stock during the sales period, the limits we set with Stifel in any applicable placement notice, and the demand for our common stock during the sales period. Because the price per share of each share sold will fluctuate during this offering, it is not currently possible to predict the number of shares that will be sold or the gross proceeds to be raised in connection with those sales.

The common stock offered hereby will be sold in “at the market offerings”, and investors who buy shares at different times will likely pay different prices.

Investors who purchase shares in this offering at different times will likely pay different prices, and so may experience different levels of dilution and different outcomes in their investment results. We will have discretion, subject to market demand, to vary the timing, prices, and numbers of shares sold in this offering. In addition, subject to the final determination by our board of directors, there is no minimum or maximum sales price for shares to be sold in this offering. Investors may experience a decline in the value of the shares they purchase in this offering as a result of sales made at prices lower than the prices they paid.

SPECIAL NOTE REGARDING FORWARD-LOOKING INFORMATION

This prospectus contains “forward-looking statements” within the meaning of the federal securities laws, which statements are subject to considerable risks and uncertainties. These forward-looking statements are intended to qualify for the safe harbor from liability established by the Private Securities Litigation Reform Act of 1995. All statements included or incorporated by reference in this prospectus, other than statements of historical fact, are forward-looking statements. You can identify forward-looking statements by the use of words such as “may,” “will,” “could,” “anticipate,” “expect,” “intend,” “believe,” “continue” or the negative of such terms, or other comparable terminology. Forward-looking statements also include the assumptions underlying or relating to such statements. In particular, forward-looking statements contained in this prospectus relate to, among other things, our future or assumed financial condition, results of operations, liquidity, business forecasts and plans, research and product development plans, manufacturing plans, strategic plans and objectives, capital needs and financing plans, product launches, regulatory approvals, competitive environment, and the application of accounting guidance. We caution you that the foregoing list may not include all of the forward-looking statements made in this prospectus.

Our forward-looking statements are based on our management’s current assumptions and expectations about future events and trends, which affect or may affect our business, strategy, operations or financial performance. Although we believe that these forward-looking statements are based upon reasonable assumptions, they are subject to numerous known and unknown risks and uncertainties and are made in light of information currently available to us. Our actual financial condition and results could differ materially from those anticipated in these forward-looking statements as a result of various factors, including those set forth in the section entitled “Risk Factors” beginning on page S-5 of this prospectus and page 33 of our Quarterly Report, as well as those described in the other documents we file with the SEC. You should read this prospectus, and the documents incorporated by reference herein, completely and with the understanding that our actual future results may be materially different from and worse than what we expect.

Moreover, we operate in an evolving environment. New risk factors and uncertainties emerge from time to time and it is not possible for our management to predict all risk factors and uncertainties, nor can we assess the impact of all factors on our business or the extent to which any factor, or combination of factors, may cause actual results to differ materially from those contained in any forward-looking statements.

Forward-looking statements speak only as of the date they were made, and, except to the extent required by law or the rules of the NASDAQ Stock Market, we undertake no obligation to update or review any forward-looking statement because of new information, future events or other factors. You should, however, review the risks and uncertainties we describe in the reports we will file from time to time with the SEC, after the date of this prospectus. See the information included under the heading “Where You Can Find More Information.”

We qualify all of our forward-looking statements by these cautionary statements.

USE OF PROCEEDS

We may issue and sell our common stock having aggregate gross proceeds of up to \$50.0 million from time to time. Because there is no minimum offering amount required as a condition to close this offering, the actual total public offering amount, commissions and proceeds to us, if any, are not determinable at this time. We estimate that the net proceeds from the sale of our common stock that we are offering may be up to \$48.2 million, after deducting Stifel's commission and estimated offering expenses payable by us.

We currently anticipate that we will use the net proceeds received by us for working capital and other general corporate purposes. Our expected use of the net proceeds from this offering is based upon our present plans and business condition. As of the date of this prospectus supplement, we cannot predict with certainty all of the particular uses for the net proceeds to be received upon the completion of this offering or the amounts that we will actually spend on the uses set forth above. The amounts and timing of our actual use of proceeds will vary depending on numerous factors, including the factors described under the heading "Risk Factors" beginning on page S-5 of this prospectus and page 33 of our Quarterly Report, as well as the other documents we file with the SEC. As a result, management will retain broad discretion over the allocation of the net proceeds from this offering, and investors will be relying on the judgment of our management regarding the application of the net proceeds.

DESCRIPTION OF COMMON STOCK

General

We may issue shares of our common stock from time to time. We are currently authorized to issue 135,000,000 shares of common stock, par value \$0.001 per share. Pursuant to a definitive proxy statement filed with the SEC on April 30, 2018, we have asked our stockholders to approve an amendment to our Charter to increase the total number of authorized shares of our common stock by 35,000,000 shares, from 135,000,000 shares to 170,000,000 shares, or the Charter Amendment Proposal. If our stockholders approve the Charter Amendment Proposal at our annual meeting of stockholders to be held on June 14, 2018, we will be authorized to issue 170,000,000 shares of our common stock. The rights, preferences and privileges of holders of our common stock are subject to, and may be adversely affected by, the rights of the holders of shares of any of our outstanding preferred stock.

As of March 31, 2018, there were 83,996,817 shares of our common stock outstanding, and there were no shares of our preferred stock outstanding.

Common Stock

Our common stock is publicly traded on the NASDAQ Global Select Market under the symbol “ELGX”. On May 30, 2018, the last reported sale price of our common stock on the NASDAQ Global Select Market was \$5.64.

The material terms of our common stock are described under the heading “Description of Capital Stock” in the accompanying prospectus.

Price Range of Common Stock

The following table sets forth, for the periods indicated, the high and low intraday sale prices of our common stock as reported by The NASDAQ Global Select Market.

	Price Range	
	High	Low
<u>Year Ended December 31, 2018:</u>		
First Quarter	\$ 5.44	\$ 3.75
Second Quarter (through May 30, 2018)	\$ 5.80	\$ 4.02
<u>Year Ended December 31, 2017:</u>		
First Quarter	\$ 7.44	\$ 5.45
Second Quarter	\$ 7.66	\$ 4.21
Third Quarter	\$ 5.37	\$ 4.08
Fourth Quarter	\$ 6.50	\$ 4.50
<u>Year Ended December 31, 2016:</u>		
First Quarter	\$10.04	\$ 6.51
Second Quarter	\$13.60	\$ 8.13
Third Quarter	\$14.50	\$11.33
Fourth Quarter	\$13.25	\$ 4.78

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Holders

As of April 30, 2018, there were approximately 244 holders of record of our common stock. The actual number of holders of our common stock is greater than the number of record holders, and includes stockholders who are beneficial owners, but whose shares are held in street name by banks, brokers, dealers and other nominees. This number of holders of record also does not include stockholders whose shares may be held in trust by other entities.

DIVIDEND POLICY

We have never declared or paid any cash dividends on our common stock. We have no current plans to declare or pay any dividends and intend to retain all of our future earnings, if any, generated by our operations for the development and growth of our business. Any future decision to pay dividends will be made by our board of directors in its sole discretion and will depend upon our results of operations, financial condition, capital requirements and other factors that our board of directors deems relevant in its informed business judgment. In addition, the terms of our Facility Agreement with Deerfield Management Company, L.P. and its affiliates restrict our ability to pay cash dividends.

DILUTION

If you invest in our common stock in this offering, your ownership interest will be immediately diluted to the extent of the difference between the public offering price per share and the as adjusted net tangible book value per share after this offering. As of March 31, 2018, our net tangible book value (deficit) was \$(57.1) million, or \$(0.68) per share. Net tangible book value (deficit) per share represents our total tangible assets less our total liabilities (excluding deferred revenue), divided by the number of shares outstanding.

After giving effect to the sale of our common stock in an amount equal to \$50.0 million at an assumed price of \$5.64 per share, the last reported sale price of our common stock on the NASDAQ Global Select Market on May 30, 2018, and after deducting commissions to Stifel and estimated offering expenses payable by us, our as adjusted net tangible book value as of March 31, 2018 would have been \$(8.92) million, or \$(0.10) per share.

This amount represents an immediate increase in net tangible book value of \$0.58 per share to our existing stockholders and immediate dilution in net tangible book value of \$5.74 per share to new investors purchasing shares in this offering. We determine dilution by subtracting the as adjusted net tangible book value per share after this offering from the price per share paid by an investor in this offering.

The following table illustrates this dilution.

Assumed public offering price per share		\$ 5.64
Net tangible book value (deficit) per share as of March 31, 2018	\$(0.68)	
Increase in net tangible book value per share attributable to this offering	<u>0.58</u>	
As adjusted net tangible book value (deficit) per share after this offering		<u>\$(0.10)</u>
Dilution per share to new investors in this offering		\$ 5.74

An increase of \$1.00 per share in the price at which the shares are sold from the assumed offering price of \$5.64 per share shown in the table above, assuming all of our common stock in the aggregate amount of \$50.0 million is sold at that price, would not increase our adjusted net tangible book value (deficit) per share after the offering, but would increase the dilution in net tangible book value per share to new investors in this offering to \$6.74 per share, after deducting commissions and estimated offering expenses payable by us. A decrease of \$1.00 per share in the price at which the shares are sold from the assumed offering price of \$5.64 per share shown in the table above, assuming all of our common stock in the aggregate amount of \$50.0 million is sold at that price, would increase our adjusted net tangible book value (deficit) per share after the offering to \$(0.09) per share, and would decrease the dilution in net tangible book value per share to new investors in this offering to \$4.73 per share, after deducting commissions and estimated aggregate offering expenses payable by us. This information is supplied for illustrative purposes only and may differ based on the actual offering price and the actual number of shares offered.

The above discussion and table are based on 83,996,817 shares of our common stock outstanding as of March 31, 2018, and excludes as of that date:

- 6,470,000 shares of common stock issuable upon exercise of warrants issued to Deerfield Private Design Fund IV, L.P., Deerfield International Master Fund, L.P., Deerfield Partners, L.P., and Deerfield Private Design Fund III, L.P., at a weighted average exercise price of \$9.23 per share;
- Up to 3,333,333 shares that we may be required to issue to the former stockholders of Nellix, Inc., a privately-held medical device company, or Nellix, as contingent consideration pursuant to the terms of the merger agreement with Nellix and the other parties thereto;
- 35,094 warrants assumed in connection with the merger with TriVascular Technologies, Inc.;
- 15,260,731 shares initially issuable in connection with conversion of our outstanding convertible senior notes;

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- 4,070,715 shares of common stock issuable upon exercise of outstanding options, at a weighted average exercise price of \$9.43 per share, and 388,404 shares of common stock issuable upon the settlement of restricted stock units under the 2006 Stock Incentive Plan;
- 199,771 shares of common stock issuable upon exercise of outstanding options to purchase shares of common stock under the Amended and Restated 2006 Employee Stock Purchase Plan, and 791,144 shares that are reserved for future grant or issuance under the plan;
- 7,034,393 shares of common stock issuable upon exercise of outstanding options, at a weighted average exercise price of \$6.40 per share, and 1,588,301 shares of common stock issuable upon the settlement of restricted stock units under the 2015 Stock Incentive Plan, and 1,044,393 shares that are reserved for future grant or issuance under the plan; and
- 349,278 shares of common stock issuable upon exercise of outstanding options, at a weighted average exercise price of \$4.86 per share, and 102,687 shares of common stock issuable upon the settlement of restricted stock units under the 2017 Inducement Stock Incentive Plan, and 1,486,423 shares that are reserved for future grant or issuance under the plan.

Our option holders and warrant holders may exercise the above-referenced options and warrants in the future or we may make future grants under the above-referenced plans. In addition, we may choose to raise additional capital through the sale of equity or convertible debt securities due to market conditions or strategic considerations, even if we believe we have sufficient funds for our current or future operating plans. To the extent that any of these options or warrants are exercised, new options or shares of common stock are issued under the above-referenced plans, or we issue additional shares of common stock or other equity securities in the future, there will be further dilution to investors purchasing in this offering.

CERTAIN U.S. FEDERAL TAX CONSIDERATIONS APPLICABLE TO HOLDERS OF COMMON STOCK

The following is a description of certain U.S. federal income and estate tax considerations related to the purchase, ownership and disposition of our common stock that are applicable to U.S. and non-U.S. holders (defined below).

This summary:

- is based on the U.S. Internal Revenue Code of 1986, as amended, or the Code, U.S. federal tax regulations promulgated or proposed under it, or Treasury Regulations, judicial authority and published rulings and administrative pronouncements of the U.S. Internal Revenue Service, or IRS, each as of the date of this prospectus and each of which are subject to change at any time, possibly with retroactive effect;
- is applicable only to holders who hold the shares as “capital assets” within the meaning of section 1221 of the Code;
- does not discuss the applicability of any U.S. state or local taxes, non-U.S. taxes or any other U.S. federal tax except for U.S. federal income tax; and
- does not address all aspects of U.S. federal income taxation that may be relevant to holders in light of their particular circumstances including alternative minimum tax considerations or who are subject to special treatment under U.S. federal income tax laws, including but not limited to:
 - certain former citizens and long-term residents of the United States;
 - banks, financial institutions, or “financial services entities”;
 - insurance companies;
 - tax-exempt organizations;
 - tax-qualified retirement and pension plans;
 - brokers, dealers or traders in securities, commodities or currencies;
 - persons subject to the alternative minimum tax;
 - persons that own or have owned more than 5% of our common stock;
 - persons who hold or receive our common stock pursuant to the exercise of any employee stock option or otherwise as compensation;
 - investors holding our common stock as part of a “straddle,” “hedge,” “conversion transaction,” or other risk-reduction transaction;
 - investors who are an integral parts or controlled entities of a foreign sovereign, partnerships or other pass-through entities;
 - real estate investment trusts and regulated investment companies; and
 - “controlled foreign corporations” and “passive foreign investment companies.”

This description constitutes neither tax nor legal advice. Prospective investors are urged to consult their own tax advisors to determine the specific tax consequences and risks to them of purchasing, holding and disposing of our common stock, including the application to their particular situations of any U.S. federal, state, local and non-U.S. tax laws and of any applicable income tax treaty.

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Certain U.S. Federal Income Tax Considerations Applicable to U.S. Holders

U.S. Holder Defined

For purposes of this discussion, a U.S. holder is a beneficial owner of our common stock that is a “U.S. person” for U.S. federal income tax purposes. A “U.S. person” is any of the following:

- a citizen or resident of the United States for U.S. federal income tax purposes;
- a corporation, or other entity taxable as a corporation for U.S. federal income tax purposes, that was created or organized in or under the laws of the United States or any state thereof or the District of Columbia;
- an estate the income of which is subject to U.S. federal income tax regardless of its source; or
- a trust if (a) a court within the United States is able to exercise primary supervision over its administration and one or more U.S. persons have the authority to control all substantial decisions of the trust, or (b) the trust has a valid election in effect to be treated as a U.S. person.

If a partnership (or an entity or arrangement treated as a partnership for U.S. federal income tax purposes) owns our common stock, then the U.S. federal income tax treatment of a partner in that partnership, including a partner that is a U.S. person, generally will depend on the status of the partner and the partnership’s activities. Partners and partnerships should consult their own tax advisors with regard to the U.S. federal income tax treatment of an investment in our common stock.

Distributions to U.S. Holders

Distributions of cash or property, if any, paid to a U.S. holder of our common stock will constitute dividends for U.S. federal income tax purposes to the extent paid from our current or accumulated earnings and profits, as determined under U.S. federal income tax principles. Distributions made on our common stock that are treated as dividends generally will be included in your income as ordinary dividend income. With respect to noncorporate taxpayers, such dividends are generally taxed at reduced rates provided certain holding period requirements are satisfied.

Amounts not treated as dividends for U.S. federal income tax purposes will constitute a return of capital and first be applied against and reduce a holder’s adjusted tax basis in its common stock, but not below zero. Any excess will be treated as capital gain and will be treated as described under the section titled “—Sale or Taxable Disposition of Common Stock by U.S. Holders” below.

Sale or Taxable Disposition of Common Stock by U.S. Holders

Upon the sale, exchange or disposition of our common stock, you generally will recognize capital gain or loss equal to the difference between (i) the amount of cash and the fair market value of any property received upon the sale or exchange and (ii) your adjusted tax basis in the common stock. Such capital gain or loss will be long-term capital gain or loss if your holding period in the common stock is more than one year at the time of the sale, exchange or disposition. Long-term capital gains recognized by certain noncorporate taxpayers will generally be subject to reduced rates of U.S. federal income tax. The deductibility of capital losses is subject to limitations.

Medicare Contributions Tax

Certain U.S. holders who are individuals, estates or certain trusts must pay a 3.8% tax on the U.S. person’s “net investment income.” Net investment income generally includes, among other things, dividend income and net gains from the disposition of our common stock. A U.S. holder that is an individual, estate or trust should consult its tax advisor regarding the applicability of the Medicare tax to its income and gains in respect of its investment in our common stock.

Certain U.S. Federal Income Tax Considerations Applicable to Non-U.S. Holders

Non-U.S. Holder Defined

For purposes of this discussion, a non-U.S. holder is a beneficial owner of our common stock that is not a “U.S. holder” (as defined under the section titled “U.S. Holder Defined” above).

If a partnership (or an entity or arrangement treated as a partnership for U.S. federal income tax purposes) owns our common stock, then the U.S. federal income tax treatment of a partner, including a partner that is a non-U.S. person, in that partnership generally will depend on the status of the partner and the partnership’s activities. Partners and partnerships should consult their own tax advisors with regard to the U.S. federal income tax treatment of an investment in our common stock.

Distributions to Non-U.S. Holders

Distributions of cash or property, if any, paid to a non-U.S. holder of our common stock will constitute “dividends” for U.S. federal income tax purposes to the extent paid out of our current or accumulated earnings and profits, as determined for U.S. federal income tax purposes. If the amount of a distribution exceeds both our current and accumulated earnings and profits, such excess will first constitute a nontaxable return of capital, which will reduce the holder’s tax basis in our common stock, but not below zero. Any excess will be treated as gain from the sale of our common stock and will be treated as described under the section titled “—Sale or Taxable Disposition of Common Stock by Non-U.S. Holders” below.

Subject to the following paragraphs, dividends on our common stock generally will be subject to U.S. federal withholding tax at a 30% gross rate, subject to any exemption or lower rate as may be specified by an applicable income tax treaty. We may withhold up to 30% of either (i) the gross amount of the entire distribution, even if the amount of the distribution is greater than the amount constituting a dividend, as described above, or (ii) the amount of the distribution we project will be a dividend, based upon a reasonable estimate of both our current and our accumulated earnings and profits for the taxable year in which the distribution is made. If tax is withheld on the amount of a distribution in excess of the amount constituting a dividend, then you may obtain a refund of that excess amount by timely filing a claim for refund with the IRS. Any such distributions will also be subject to the discussion below under the section titled “Foreign Account Tax Compliance Act Considerations.”

To claim the benefit of a reduced rate of or an exemption from U.S. federal withholding tax under an applicable income tax treaty, a non-U.S. holder will be required (i) to satisfy certain certification requirements, which may be made by providing us or our agent with a properly executed and completed IRS Form W-8BEN (for individuals) or W-8BEN-E (for entities) certifying, under penalty of perjury, that the holder qualifies for treaty benefits and is not a U.S. person or (ii) if our common stock is held through certain non-U.S. intermediaries, to satisfy the relevant certification requirements of the applicable Treasury Regulations. Special certification and other requirements apply to certain non-U.S. holders that are pass-through entities. Non-U.S. holders that do not timely provide us or our paying agent with the required certification, but that qualify for a reduced treaty rate, may obtain a refund of any excess amounts withheld by timely filing an appropriate claim for refund with the IRS. Non-U.S. holders should consult their tax advisors regarding their entitlement to benefits under an applicable income tax treaty.

Dividends that are effectively connected with the conduct of a trade or business by the non-U.S. holder within the United States (and, if required by an applicable income tax treaty, are attributable to a permanent establishment, or a fixed base in the case of an individual non-U.S. holder, that is maintained by the non-U.S. holder in the United States) (“effectively connected dividends”) are not subject to the U.S. federal withholding tax, provided that the non-U.S. holder certifies, under penalty of perjury, that the dividends paid to such holder are effectively connected dividends on a properly executed and completed IRS Form W-8ECI (or other applicable form). Instead, any such dividends will be subject to U.S. federal income tax on a net income basis in a manner similar to that which would apply if the non-U.S. holder were a U.S. person.

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Corporate non-U.S. holders who receive effectively connected dividends may also be subject to an additional “branch profits tax” at a gross rate of 30% on their earnings and profits for the taxable year that are effectively connected with the holder’s conduct of a trade or business within the United States, subject to any exemption or reduction provided by an applicable income tax treaty.

Sale or Taxable Disposition of Common Stock by Non-U.S. Holders

Any gain realized on the sale, exchange or other taxable disposition of our common stock generally will not be subject to U.S. federal income tax unless:

- the gain is effectively connected with the conduct of a trade or business by the non-U.S. holder within the United States (and, if required by an applicable income tax treaty, is attributable to a permanent establishment, or fixed base in the case of an individual non-U.S. holder, that is maintained by the non-U.S. holder in the United States);
- the non-U.S. holder is an individual who is present in the United States for 183 days or more in the taxable year of that disposition, and certain other conditions are met; or
- we are or have been a “United States real property holding corporation” for U.S. federal income tax purposes at any time during the shorter of the five-year period ending on the date of such disposition and the non-U.S. holder’s holding period in our common stock.

A non-U.S. holder described in the first or second bullet point above generally will be subject to U.S. federal income tax on the net gain derived from the sale or disposition under regular graduated U.S. federal income tax rates as if the holder were a U.S. person. If the non-U.S. holder is a corporation, then the gain may also, under certain circumstances, be subject to the “branch profits” tax, which was discussed above.

With respect to the third bullet point, although there can be no assurance, we believe we are not, have not been and will not become a “United States real property holding corporation” for U.S. federal income tax purposes. In the event that we are or become a United States real property holding corporation at any time during the applicable period described in the third bullet point above, any gain recognized on a sale or other taxable disposition of our common stock may be subject to U.S. federal income tax, including any applicable withholding tax, if (i) the non-U.S. holder beneficially owns, or has owned, more than 5% of our common stock at any time during the applicable period, or (ii) our common stock ceases to be regularly traded on an “established securities market” within the meaning of the Code. Non-U.S. holders who intend to acquire more than 5% of our common stock are encouraged to consult their tax advisors with respect to the U.S. tax consequences of a disposition of our common stock.

Any proceeds from the disposition of our common stock will also be subject to the discussion below under the section titled “Foreign Account Tax Compliance Act Considerations.”

Federal Estate Tax

Common stock owned or treated as owned by an individual who is a non-U.S. holder at the time of his or her death generally will be included in the individual’s gross estate for U.S. federal estate tax purposes and may be subject to U.S. federal estate tax unless an applicable estate tax treaty provides otherwise.

Information Reporting and Backup Withholding

Information returns will be filed with the IRS in connection with payments of dividends on our common stock and the proceeds from a sale or other disposition of our common stock. Copies of information returns may be made available to the tax authorities of the country in which a non-U.S. holder resides or is incorporated under the provisions of a specific treaty or agreement.

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You may be subject to backup withholding with respect to dividends paid on our common stock or with respect to proceeds received from a disposition of the shares of our common stock. Certain holders (including, among others, corporations and certain tax-exempt organizations) are generally not subject to backup withholding. You will be subject to backup withholding if you are not otherwise exempt and you

- fail to furnish your taxpayer identification number, or TIN, which, for an individual, is ordinarily his or her social security number;
- furnish an incorrect TIN;
- are notified by the IRS that you have failed to properly report payments of interest or dividends; or
- fail to certify, under penalties of perjury, that you have furnished a correct TIN and that the IRS has not notified you that you are subject to backup withholding.

Backup withholding is not an additional tax, but rather is a method of tax collection. You generally will be entitled to credit any amounts withheld under the backup withholding rules against your U.S. federal income tax liability provided that the required information is furnished to the IRS in a timely manner.

A non-U.S. holder may have to comply with certification procedures to establish that it is not a U.S. person in order to avoid information reporting and backup withholding tax requirements. The certification procedures required to claim a reduced rate of withholding under an income tax treaty will satisfy the certification requirements necessary to avoid backup withholding as well. The amount of any backup withholding from a payment to a non-U.S. holder may be allowed as a credit against such holder's U.S. federal income tax liability and may entitle such non-U.S. holder to a refund, provided that the required information is timely furnished to the IRS.

Foreign Account Tax Compliance Act Considerations

The Foreign Account Tax Compliance Act, or FATCA, generally imposes a U.S. federal withholding tax at a rate of 30% on payments of dividends on, and gross proceeds from the sale or other disposition of, our common stock if paid to a foreign entity unless (i) if the foreign entity is a "foreign financial institution," the foreign entity must enter into an agreement with the IRS or, in the case of a foreign financial institution in a jurisdiction that has entered into an intergovernmental agreement with the United States, comply with the requirements of such agreement and undertake certain due diligence, reporting, withholding, and certain certification obligations, (ii) if the foreign entity is not a "foreign financial institution," the foreign entity identifies certain of its U.S. investors, if any, or (iii) the foreign entity is otherwise exempt under FATCA.

Under applicable U.S. Treasury Regulations, withholding under FATCA applies to payments of dividends on our common stock and to payments of gross proceeds from a sale or other disposition of our common stock made after December 31, 2016. Under certain circumstances, a non-U.S. holder may be eligible for refunds or credits of the tax. An intergovernmental agreement between the United States and an applicable foreign country may modify the requirements described in this section. Non-U.S. holders should consult their own tax advisors regarding the possible implications of these rules on their investment in our common stock and the entities through which they hold our common stock, including, without limitation, the process and deadlines for meeting the applicable requirements to prevent the imposition of the 30% withholding tax under FATCA.

PLAN OF DISTRIBUTION

We have entered into a Sales Agreement with Stifel as our sales agent, which we have filed as an exhibit to the registration statement of which this prospectus forms a part. The Sales Agreement is incorporated by reference in this prospectus. Sales of our common stock, if any, may be made in sales deemed to be “at the market offerings” as defined in Rule 415 of the Securities Act. Stifel will use commercially reasonable efforts to sell on our behalf all of our common stock requested to be sold by us, consistent with its normal trading and sales practices, under the terms and subject to the conditions set forth in the Sales Agreement. We may instruct Stifel not to sell our common stock if the sales cannot be effected at or above the price designated by us in any instruction or placement notice we deliver to Stifel. We or Stifel may suspend the offering of our common stock upon delivering notice and subject to other conditions, as further described in the Sales Agreement.

Stifel will provide written confirmation to us following the close of trading on the NASDAQ Global Select Market each day in which our shares are sold under the Sales Agreement. Each such confirmation will include the number of shares of common stock sold on such day, the net proceeds to us, the compensation payable by us to Stifel in connection with the sales of such common stock, and the additional expenses deducted from the net proceeds payable to us.

We will pay Stifel commissions for its services in acting as agent and/or principal in the sale of our common stock. Stifel will be entitled to compensation at a fixed commission rate of up to 3.0% of the gross sales price of all of our common stock sold through it as sales agent under the Sales Agreement. We estimate that the total expenses for the offering, excluding compensation payable to Stifel under the terms of the Sales Agreement, will be approximately \$250,000, which includes the reimbursement to Stifel for the reasonable out-of-pocket fees and disbursements of its legal counsel, in an amount not to exceed \$50,000.

Settlement for sales of our common stock will occur on the second business day following the date on which any sales are made, or on such other date as is agreed upon by us and Stifel in connection with a particular transaction, in return for payment of the net proceeds to us. Settlement for all shares of our common stock shall be effected by book-entry delivery of the shares of our common stock to Stifel’s account at The Depository Trust Company against payments by Stifel of the net proceeds from the sale of such shares of our common stock in same day funds delivered to an account designated by us.

We will report at least quarterly the number of shares of common stock sold through Stifel, as sales agent, under the Sales Agreement, the net proceeds to us and the compensation paid by us to Stifel in connection with the sales of our common stock.

Stifel and its affiliates have provided, and may in the future provide, various investment banking, commercial banking, fiduciary and advisory services for us from time to time for which they have received, and may in the future receive, customary fees and expenses. Stifel and its affiliates may, from time to time, engage in other transactions with and perform services for us in the ordinary course of their business.

In connection with the sale of our common stock on our behalf, Stifel will be deemed to be an “underwriter” within the meaning of the Securities Act, and the compensation of Stifel will be deemed to be underwriting commissions or discounts. We have agreed to indemnify Stifel against specified liabilities, including liabilities under the Securities Act, or to contribute to payments that Stifel may be required to make because of those liabilities.

The offering of shares of our common stock pursuant to the Sales Agreement will terminate upon the earlier of (1) the sale of all shares subject to the Sales Agreement or (2) termination of the Sales Agreement. The Sales Agreement may be terminated by Stifel or us at any time as further described in the Sales Agreement.

LEGAL MATTERS

Certain legal matters relating to this offering will be passed upon for us by Stradling Yocca Carlson & Rauth, P.C., Newport Beach, California. Certain legal matters relating to this offering will be passed upon for the sales agent by Duane Morris LLP, New York, New York.

EXPERTS

The consolidated financial statements and schedule of Endologix, Inc. as of December 31, 2017 and 2016 and for each of the years in the three-year period ended December 31, 2017, and management's assessment of the effectiveness of internal control over financial reporting as of December 31, 2017, have been incorporated by reference herein in reliance upon the reports of KPMG LLP, independent registered public accounting firm, incorporated by reference herein, and upon the authority of said firm as experts in accounting and auditing.

INCORPORATION OF CERTAIN DOCUMENTS BY REFERENCE

The SEC allows us to “incorporate” into this prospectus information that we file with the SEC in other documents. This means that we can disclose important information to you by referring to other documents that contain that information. Any information that we incorporate by reference into this prospectus is considered part of this prospectus.

Information contained in this prospectus, and information that we file with the SEC in the future and incorporate by reference in this prospectus automatically modifies and supersedes previously filed information, including information in previously filed documents or reports that have been incorporated by reference in this prospectus, to the extent the new information differs from or is inconsistent with the old information. Any statement so modified will be deemed to constitute a part of this prospectus only as so modified, and any statement so superseded will be deemed not to constitute a part of this prospectus. For more information, see “About this Prospectus.”

We incorporate by reference, as of their respective dates of filing, the documents listed below that we have filed with the SEC and any documents that we file with the SEC pursuant to Sections 13(a), 13(c), 14 or 15(d) of the Exchange Act, between the date of this prospectus supplement and the date on which the offering of the securities covered by this prospectus has been completed, other than, in each case, documents or information deemed to have been “furnished” and not “filed” in accordance with SEC rules:

- our Annual Report on Form 10-K for the fiscal year ended December 31, 2017, as filed with the SEC on March 13, 2018;
- our Quarterly Report on Form 10-Q for the fiscal quarter ended March 31, 2017, or the Quarterly Report, filed with the SEC on May 9, 2018;
- the information specifically incorporated by reference into the Annual Report from our Definitive Proxy Statement on Schedule 14A (Revised), filed with the SEC on April 30, 2018;
- our Current Reports on Form 8-K as filed with the SEC on each of January 8, 2018, January 31, 2018, February 21, 2018 and May 2, 2018; and
- the description of our common stock contained in our registration statement on Form 8-A, filed with the SEC on June 18, 1996, including any amendment or report filed for the purpose of updating such description.

These filings have not been included in or delivered with this prospectus. We will provide to each person, including any beneficial owner to whom this prospectus is delivered, a copy of any document that is incorporated by reference in this prospectus. You may obtain a copy of these documents, at no cost, from our website (www.endologix.com) or by contacting us using the following information:

Endologix, Inc.
2 Musick
Irvine, California 92618
Attention: Investor Relations
(949) 595-7200

Exhibits to the filings will not be sent, however, unless those exhibits have specifically been incorporated by reference in this prospectus.

You should rely only on the information contained in this prospectus, in any document incorporated by reference herein, or in any free writing prospectuses we may provide to you in connection with this offering. Neither we nor Stifel has authorized anyone to provide you with any different information. We take no

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responsibility for, and can provide no assurance as to the reliability of, any other information that others may provide to you.

The information contained in this prospectus, and in the documents incorporated by reference herein, is accurate only as of the date such information is presented. Our business, financial condition, results of operations and future prospects may have changed since those respective dates.

WHERE YOU CAN FIND MORE INFORMATION

We file annual, quarterly and current reports and other information with the SEC. You may read and copy any document we file at the SEC's Public Reference Room located at 100 F Street, N.E., Washington, D.C. 20549. You may obtain information on the operation of the public reference room by calling the SEC at 1-800-SEC-0330. Our filings with the SEC also are available from the SEC's website at www.sec.gov, which contains reports, proxy and information statements, and other information regarding issuers that file electronically.

This prospectus is part of a registration statement that we filed with the SEC. As permitted by SEC rules, this prospectus forms a part of the registration statement, but does not contain all of the information that is included in the registration statement. The registration statement contains more information regarding us and our securities, including certain exhibits. You can obtain a copy of the registration statement from the SEC at the address listed above or from the SEC's website.

Up to \$50,000,000



ENDOLOGIX, INC

Common Stock

PROSPECTUS SUPPLEMENT
, 2018

STIFEL

PART II

INFORMATION NOT REQUIRED IN PROSPECTUS

ITEM 14. OTHER EXPENSES OF ISSUANCE AND DISTRIBUTION.

The following table sets forth an itemization of the various costs and expenses, other than underwriting discounts and commissions, payable by us in connection with the issuance and distribution of the securities being registered hereunder. All of the amounts shown are estimated except for the SEC registration fee.

SEC registration fee	\$12,450
FINRA filing fees	\$15,500
Legal fees and expenses	\$ *
Accounting fees and expenses	\$ *
Printing fees and expenses	\$ *
Transfer agent and registrar fees and expenses	\$ *
Miscellaneous	\$ *
Total expenses	\$ **

* These fees and expenses depend on the securities offered and the number of issuances, and accordingly cannot be estimated at this time.

ITEM 15. INDEMNIFICATION OF DIRECTORS AND OFFICERS.

We are incorporated under the laws of the State of Delaware. Section 145 of the DGCL provides that a Delaware corporation may indemnify any persons who are, or are threatened to be made, parties to any threatened, pending or completed action, suit or proceeding, whether civil, criminal, administrative or investigative (other than an action by or in the right of such corporation), by reason of the fact that such person was an officer, director, employee or agent of such corporation, or is or was serving at the request of such corporation as an officer, director, employee or agent of another corporation or enterprise. The indemnity may include expenses (including attorneys' fees), judgments, fines and amounts paid in settlement actually and reasonably incurred by such person in connection with such action, suit or proceeding, provided that such person acted in good faith and in a manner he or she reasonably believed to be in or not opposed to the corporation's best interests and, with respect to any criminal action or proceeding, had no reasonable cause to believe that his or her conduct was illegal. Section 145 of the DGCL further authorizes a corporation to purchase and maintain insurance on behalf of any indemnified person against any liability asserted against and incurred by such person in any indemnified capacity, or arising out of such person's status as such, regardless of whether the corporation would otherwise have the power to indemnify such person under the DGCL.

Section 102(b)(7) of the DGCL permits a corporation to provide in its certificate of incorporation that a director of the corporation shall not be personally liable to the corporation or its stockholders for monetary damages for breach of fiduciary duties as a director, except for liability for any:

- breach of a director's duty of loyalty to the corporation or its stockholders;
- act or omission not in good faith or that involves intentional misconduct or a knowing violation of law;
- unlawful payment of dividends or redemption of shares; or
- transaction from which the director derives an improper personal benefit.

Our Charter authorizes us to, and our Bylaws provide that we must, indemnify our directors and officers to the fullest extent authorized by the DGCL and also pay expenses incurred in defending any such proceeding in

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advance of its final disposition upon delivery of an undertaking, by or on behalf of an indemnified person, to repay all amounts so advanced if it should be determined ultimately that such person is not entitled to be indemnified under this section or otherwise.

As permitted by the DGCL, we have entered into indemnification agreements with each of our directors and certain of our officers. These agreements require us to indemnify these individuals to the fullest extent permitted under Delaware law against liabilities that may arise by reason of their service to us, and to advance expenses incurred as a result of any proceeding against them as to which they could be indemnified.

We have an insurance policy covering our officers and directors with respect to certain liabilities, including liabilities arising under the Securities Act or otherwise.

Any underwriting agreement or similar agreement that we enter into in connection with an offer of securities pursuant to this registration statement may provide for indemnification by any underwriters of us, our directors, our officers who sign the registration statement and our controlling persons for some liabilities, including liabilities arising under the Securities Act.

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ITEM 16. EXHIBITS.

<u>Exhibit No.</u>	<u>Description</u>
1.1	Form of Underwriting Agreement*
1.2	At-The-Market Equity Offering Sales Agreement
3.1	Amended and Restated Certificate of Incorporation, as amended (incorporated by reference to Exhibit 3.1 to our Quarterly Report on Form 10-Q, filed on August 5, 2016).
3.2	Amended and Restated Bylaws, as amended (incorporated by reference to Exhibit 3.1 to our Current Report on Form 8-K, filed with the SEC on December 14, 2010).
4.1	Specimen Certificate of Common Stock (incorporated by reference to Exhibit 4.1 to Amendment No. 2 to our Registration Statement on Form S-1 (File No. 333-04560), filed with the SEC on June 10, 1996).
4.2	Updated Specimen Certificate of Common Stock (incorporated by reference to Exhibit 4.1.1 to our Annual Report on Form 10-K, filed with the SEC on March 2, 2015).
4.3	Form of Certificate of Designation of Preferred Stock*
4.4	Form of Warrant Agreement (including form of warrant)*
4.5	Form of Unit Agreement (including form of unit)*
5.1	Legal Opinion of Stradling Yocca Carlson & Rauth, P.C. to Shelf Registration Statement
5.2	Supplemental Legal Opinion of Stradling Yocca Carlson & Rauth, P.C. to Shelf Registration Statement
23.1	Consent of KPMG LLP, independent registered public accounting firm.
23.2	Consent of Stradling Yocca Carlson & Rauth, P.C. (included in Exhibit 5.1).
24.1	Power of Attorney (included on the signature page of this registration statement).

* To be filed by amendment to this registration statement, or as an exhibit to a document to be incorporated by reference into this registration statement, in each case in connection with a particular offering of the securities.

ITEM 17. UNDERTAKINGS.

The undersigned registrant hereby undertakes:

(1) To file, during any period in which offers or sales are being made, a post-effective amendment to this registration statement:

- (i) To include any prospectus required by Section 10(a)(3) of the Securities Act;
- (ii) To reflect in the prospectus any facts or events arising after the effective date of this registration statement (or the most recent post-effective amendment thereof) which, individually or in the aggregate, represent a fundamental change in the information set forth in this registration statement. Notwithstanding the foregoing, any increase or decrease in the volume of securities offered (if the total dollar value of securities offered would not exceed that which was registered) and any deviation from the low or high end of the estimated maximum offering range may be reflected in the form of prospectus filed with the SEC pursuant to Rule 424(b) if, in the aggregate, the changes in volume and price represent no more than 20% change in the maximum aggregate offering price set forth in the "Calculation of Registration Fee" table in the effective registration statement; and
- (iii) To include any material information with respect to the plan of distribution not previously disclosed in this registration statement or any material change to such information in this registration statement;

provided, however, that paragraphs (i), (ii) and (iii) above do not apply if the information required to be included in a post-effective amendment by those paragraphs is contained in reports filed with or furnished to the SEC by the registrant pursuant to Section 13 or Section 15(d) of the Exchange Act that are incorporated by reference in the registration statement, or is contained in a form of prospectus filed pursuant to Rule 424(b) that is part of the registration statement.

(2) That, for the purpose of determining any liability under the Securities Act, each such post-effective amendment shall be deemed to be a new registration statement relating to the securities offered therein, and the offering of such securities at that time shall be deemed to be the initial bona fide offering thereof.

(3) To remove from registration by means of a post-effective amendment any of the securities being registered which remain unsold at the termination of the offering.

(4) That, for the purpose of determining liability under the Securities Act to any purchaser:

- (i) Each prospectus filed by the registrant pursuant to Rule 424(b)(3) shall be deemed to be part of the registration statement as of the date the filed prospectus was deemed part of and included in the registration statement; and
- (ii) Each prospectus required to be filed pursuant to Rule 424(b)(2), (b)(5) or (b)(7) as part of a registration statement in reliance on Rule 430B relating to an offering made pursuant to Rule 415(a)(1)(i), (vii) or (x) for the purpose of providing the information required by Section 10(a) of the Securities Act shall be deemed to be part of and included in the registration statement as of the earlier of the date such form of prospectus is first used after effectiveness or the date of the first contract of sale of securities in the offering described in the prospectus. As provided in Rule 430B, for liability purposes of the issuer and any person that is at that date an underwriter, such date shall be deemed to be a new effective date of the registration statement relating to the securities in the registration statement to which the prospectus relates, and the offering of such securities at that time shall be deemed to be the initial bona fide offering thereof. Provided, however, that no statement made in a registration statement or prospectus that is part of the registration statement or made in a document incorporated or deemed incorporated by reference into the registration statement or prospectus that is part of the registration statement will, as to a purchaser with a time of contract of sale prior to such effective date, supersede or modify any statement that was made in the registration statement or prospectus that was part of the registration statement or made in any such document immediately prior to such effective date.

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(5) That, for the purpose of determining liability of the registrant under the Securities Act to any purchaser in the initial distribution of the securities, the undersigned registrant undertakes that in a primary offering of securities of the undersigned registrant pursuant to this registration statement, regardless of the underwriting method used to sell the securities to the purchaser, if the securities are offered or sold to such purchaser by means of any of the following communications, the undersigned registrant will be a seller to the purchaser and will be considered to offer or sell such securities to such purchaser:

- (i) Any preliminary prospectus or prospectus of the undersigned registrant relating to the offering required to be filed pursuant to Rule 424;
- (ii) Any free writing prospectus relating to the offering prepared by or on behalf of the undersigned registrant or used or referred to by the undersigned registrant;
- (iii) The portion of any other free writing prospectus relating to the offering containing material information about the undersigned registrant or its securities provided by or on behalf of the undersigned registrant; and
- (iv) Any other communication that is an offer in the offering made by an undersigned registrant to the purchaser.

(6) That, for purposes of determining any liability under the Securities Act, each filing of the registrant's annual report pursuant to Section 13(a) or 15(d) of the Exchange Act (and, where applicable, each filing of an employee benefit plan's annual report pursuant to Section 15(d) of the Exchange Act) that is incorporated by reference in the registration statement shall be deemed to be a new registration statement relating to the securities offered therein, and the offering of such securities at that time shall be deemed to be the initial bona fide offering thereof.

(7) Insofar as indemnification for liabilities arising under the Securities Act may be permitted to directors, officers and controlling persons of the registrant pursuant to the foregoing provisions, or otherwise, the registrant has been advised that in the opinion of the SEC such indemnification is against public policy as expressed in the Securities Act and is, therefore, unenforceable. In the event that a claim for indemnification against such liabilities (other than the payment by the registrant of expenses incurred or paid by a director, officer or controlling person of the registrant in the successful defense of any action, suit or proceeding) is asserted by such director, officer or controlling person in connection with the securities being registered, the registrant will, unless in the opinion of its counsel the matter has been settled by controlling precedent, submit to a court of appropriate jurisdiction the question whether such indemnification by it is against public policy as expressed in the Securities Act and will be governed by the final adjudication of such issue.

SIGNATURES

Pursuant to the requirements of the Securities Act, the registrant certifies that it has reasonable grounds to believe that it meets all of the requirements for filing on Form S-3 and has duly caused this registration statement to be signed on its behalf by the undersigned, thereunto duly authorized, in the City of Irvine, State of California, on May 31, 2018.

ENDOLOGIX, INC.

By: /s/ John Onopchenko

Name: John Onopchenko

Title: Chief Executive Officer

KNOW ALL PERSONS BY THESE PRESENTS that each individual whose signature appears below constitutes and appoints John Onopchenko and Vaseem Mahboob, and each of them, his or her true and lawful attorneys-in-fact and agents with full power of substitution, for him or her and in his or her name, place and stead, in any and all capacities, to sign any and all amendments, including post-effective amendments, to this registration statement, and to sign any registration statement for the same offering covered by this registration statement that is to be effective upon filing pursuant to Rule 462(b) promulgated under the Securities Act, and all post-effective amendments thereto, and to file the same, with all exhibits thereto and all documents in connection therewith, making such changes in this registration statement as such attorneys-in-fact and agents so acting deem appropriate, with the SEC, granting unto said attorneys-in-fact and agents, and each of them, full power and authority to do and perform each and every act and thing requisite and necessary to be done with respect to the offering of securities contemplated by this registration statement, as fully to all intents and purposes as he or she might or could do in person, hereby ratifying and confirming all that said attorneys-in-fact and agents or any of them, or his, her or their substitute or substitutes, may lawfully do or cause to be done by virtue hereof.

Pursuant to the requirements of the Securities Act, this registration statement has been signed by the following persons in the capacities and on the dates indicated.

<u>Signature</u>	<u>Title</u>	<u>Date</u>
<u>/s/ John Onopchenko</u> (John Onopchenko)	Chief Executive Officer (Principal Executive Officer)	May 31, 2018
<u>/s/ Vaseem Mahboob</u> (Vaseem Mahboob)	Chief Financial Officer (Principal Financial and Accounting Officer)	May 31, 2018
<u>/s/ Daniel Lemaitre</u> (Dan Lemaitre)	Chairman of the Board	May 31, 2018
<u>/s/ Thomas F. Zenty III</u> (Thomas F. Zenty III)	Director	May 31, 2018
<u>/s/ Thomas C. Wilder</u> (Thomas C. Wilder)	Director	May 31, 2018
<u>/s/ Guido J. Neels</u> (Guido J. Neels)	Director	May 31, 2018
<u>/s/ Gregory D. Waller</u> (Gregory D. Waller)	Director	May 31, 2018

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<u>Signature</u>	<u>Title</u>	<u>Date</u>
<hr/> <u>/s/ Leslie V. Norwalk</u> (Leslie V. Norwalk)	Director	May 31, 2018
<hr/> <u>/s/ Christopher G. Chavez</u> (Christopher G. Chavez)	Director	May 31, 2018
<hr/> <u>/s/ John McDermott</u> (John McDermott)	Director	May 31, 2018

ENDOLOGIX, INC.

Common Stock
(\$0.001 par value per share)

AT-THE-MARKET EQUITY OFFERING SALES AGREEMENT

May 31, 2018

STIFEL, NICOLAUS & COMPANY, INCORPORATED
One South Street, 15th Floor
Baltimore, Maryland 21202

Ladies and Gentlemen:

Endologix, Inc., a Delaware corporation (the “Company”), proposes, subject to the terms and conditions stated herein, to issue and sell from time to time to or through Stifel, Nicolaus & Company, Incorporated (“Stifel Nicolaus”), as sales agent and/or principal (“Agent”), shares (the “Shares”) of the Company’s common stock, \$0.001 par value per share (the “Common Stock”), having an aggregate offering price of up to \$50,000,000 on the terms set forth in Section 2 of this At-The-Market Equity Offering Sales Agreement (the “Agreement”). The Company agrees that whenever it determines to sell Shares directly to the Agent as principal, it will enter into a separate agreement (each, a “Terms Agreement”) in substantially the form of Annex I hereto, relating to such sale in accordance with Section 3.

Section 1. Representations and Warranties. The Company represents and warrants to the Agent that, unless such representation or warranty specifies otherwise, as of the date of this Agreement, any applicable Registration Statement Amendment Date (as defined in Section 3(j) below), each Company Periodic Report Date (as defined in Section 3(i) below), each Applicable Time (as defined in Section 1(a) below) and each Settlement Date (as defined in Section 2(g) below):

(a) Compliance with Registration Requirements. The Company shall file with the Securities and Exchange Commission (the “Commission”) a registration statement under the Securities Act of 1933, as amended (the “1933 Act”), on Form S-3 relating to certain securities of the Company identified therein, including, without limitation, the Common Stock (collectively, the “Securities”); such registration statement, and any post-effective amendment thereto, shall have become effective; no stop order suspending the effectiveness of such registration statement or any part thereof shall have been issued and no proceeding for that purpose shall have been initiated or, to the knowledge of the Company, threatened by the Commission; the prospectus filed as part of such registration statement and relating to the Securities is hereinafter called the “Base Prospectus”; the various parts of such registration statement, including all exhibits thereto and any prospectus supplement (including the prospectus supplement included within the Registration Statement at the time it is filed) relating to the Shares that is filed with the Commission and deemed by virtue of Rule 430B to be part of such registration statement, each as amended at the time such part of the registration statement became effective, including any post-effective amendments thereto, are hereinafter collectively called the “Registration Statement”; any prospectus supplement to the prospectus specifically relating to the Shares (including the prospectus supplement included within the Registration Statement at the time it is filed) prepared and filed with the Commission pursuant to Rule 424(b) under the 1933 Act is hereinafter called the “Prospectus Supplement”; the Base Prospectus, as supplemented by the Prospectus Supplement, is hereinafter called the “Prospectus”; any reference herein to the Base Prospectus, the Prospectus Supplement 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 1933 Act; any reference to any amendment or supplement to the Base Prospectus, the Prospectus Supplement or the Prospectus shall be deemed to refer to and include any post-effective amendment to the Registration Statement, any prospectus supplement relating to the Shares filed with the Commission pursuant to Rule 424(b) under the 1933 Act and any documents filed under the Securities Exchange Act of 1934, as amended (the “1934 Act”), and the rules and regulations of the Commission thereunder (the “1934 Act Regulations”), and incorporated therein, in each case after the date of the Base Prospectus, the Prospectus Supplement or the Prospectus, as the case may be; any reference to any amendment to the Registration Statement

shall be deemed to refer to and include any annual report of the Company filed pursuant to Section 13(a) or 15(d) of the 1934 Act after the effective date of the Registration Statement that is incorporated by reference in the Registration Statement; and any “issuer free writing prospectus” as defined in Rule 433 under the 1933 Act relating to the Shares is hereinafter called an “Issuer Free Writing Prospectus”.

No order preventing or suspending the use of the Prospectus, or any part thereof, or any Issuer Free Writing Prospectus has been issued by the Commission, and the Prospectus, at the time of filing thereof, conformed in all material respects to the requirements of the 1933 Act and the rules and regulations of the Commission thereunder (the “1933 Act 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 the light of the circumstances under which they were made, not misleading.

For the purposes of this Agreement, the “Applicable Time” means, with respect to any Shares, the time of sale of such Shares pursuant to this Agreement; the Prospectus and the applicable Issuer Free Writing Prospectus(es) issued at or prior to such Applicable Time, taken together (collectively, and, with respect to any Shares, together with the public offering price of such Shares, the “General Disclosure Package”) as of each Applicable Time and each Settlement Date (as defined below), will not include any untrue statement of a material fact or omit 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; and each applicable Issuer Free Writing Prospectus will not conflict with the information contained in the Registration Statement or the Prospectus and each such Issuer Free Writing Prospectus, as supplemented by and taken together with the General Disclosure Package as of such Applicable Time, will not include any untrue statement of a material fact or omit 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.

(b) Incorporation of Documents by Reference. The documents incorporated or deemed to be incorporated by reference in the Registration Statement when it was filed with the Commission and when it became effective, and in the Prospectus when it was filed with the Commission, complied in all material respects with the requirements of the 1934 Act and the 1934 Act Regulations, and, when read together with the other information in the Prospectus, (i) at the time the Registration Statement became effective, (ii) at the time the Prospectus was issued and (iii) on the date of this Agreement, 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 not misleading.

(c) Independent Accountants. The accountants who certified the financial statements and supporting schedules included in the Registration Statement are independent public accountants as required by the 1933 Act and the 1933 Act Regulations.

(d) Financial Statements. The financial statements included or incorporated by reference in the Registration Statement, the General Disclosure Package and the Prospectus, together with the related schedules and notes, present fairly, in all material respects, the financial position of the Company and its consolidated Subsidiaries (as defined below) at the dates indicated and the statement of operations, stockholders’ equity and cash flows of the Company and its consolidated Subsidiaries for the periods specified; such financial statements have been prepared in conformity with generally accepted accounting principles in the United States (“GAAP”) applied on a consistent basis throughout the periods involved. The supporting schedules, if any, present fairly, in all material respects, in accordance with GAAP, the information required to be stated therein. The selected financial information and the summary financial information (if any) included in the Prospectus present fairly, in all material respects, the information shown therein and have been compiled on a basis consistent with that of the audited financial statements included or incorporated by reference in the Registration Statement. All disclosures contained in the Registration Statement, the General Disclosure Package or the Prospectus, or incorporated by reference therein, regarding “non-GAAP financial measures” (as such term is defined by the rules and regulations of the Commission) comply in all material respects with Regulation G of the 1934 Act and Item 10 of Regulation S-K of the 1933 Act, to the extent applicable.

(e) No Material Adverse Change in Business. Since the respective dates as of which information is given in the Registration Statement, the General Disclosure Package or the Prospectus, and except as otherwise stated therein (i) there has been no material adverse change in the condition, financial or otherwise, or in the business affairs or business prospects of the Company and its Subsidiaries considered as one enterprise, whether or

not arising in the ordinary course of business (a “Material Adverse Effect”), (ii) there have been no transactions entered into by the Company or any of its Subsidiaries, other than those entered into in the ordinary course of business, which are material with respect to the Company and its Subsidiaries considered as one enterprise, and (iii) there has been no dividend or distribution of any kind declared, paid or made by the Company on any class of its capital stock.

(f) Good Standing of the Company. The Company has been duly organized and is validly existing as a corporation in good standing under the laws of the jurisdiction of its organization and has the corporate power and authority to own, lease and operate its properties and to conduct its business as described in the Prospectus, and to enter into and perform its obligations under this Agreement; and the Company is duly qualified as a foreign corporation to transact business and is in good standing in each other jurisdiction in which such qualification is required, whether by reason of the ownership or leasing of property or the conduct of business, except where the failure so to qualify or to be in good standing would not result in a Material Adverse Effect.

(g) Good Standing of Subsidiaries. Each subsidiary listed on Schedule 1 hereto (each a “Subsidiary” and, collectively, the “Subsidiaries”) has been duly organized and is validly existing as a corporation in good standing under the laws of the jurisdiction of its incorporation, has the corporate power and authority to own, lease and operate its properties and to conduct its business as described in the Prospectus and is duly qualified as a foreign corporation to transact business and is in good standing in each jurisdiction in which such qualification is required, whether by reason of the ownership or leasing of property or the conduct of business, except where the failure so to qualify or to be in good standing would not result in a Material Adverse Effect; except as otherwise disclosed in the Registration Statement, all of the issued and outstanding capital stock of each such Subsidiary has been duly authorized and validly issued, is fully paid and non-assessable and is owned by the Company, directly or through subsidiaries, free and clear of any security interest, mortgage, pledge, lien, encumbrance, claim or equity.

(h) Capitalization. The issued and outstanding shares of Common Stock have been duly authorized and validly issued and are fully paid and non-assessable; none of the outstanding shares of Common Stock were issued in violation of the preemptive or other similar rights of any securityholder of the Company. The Common Stock has been registered pursuant to Section 12(b) of the 1934 Act and is listed for trading on the Nasdaq Stock Market (“NASDAQ”), and the Company has taken no action designed to terminate the registration or listing of the Common Stock on NASDAQ, nor has the Company received any written notification that the Commission or NASDAQ is contemplating terminating such registration or listing.

(i) Authorization of Agreements. This Agreement has been (and any applicable Terms Agreement will be) duly authorized by the Company. This Agreement has been (and any applicable Terms Agreement will be) executed and delivered by the Company.

(j) Authorization and Description of Securities. The Shares have been duly authorized and reserved for issuance and sale pursuant to this Agreement and, when issued and delivered by the Company pursuant to this Agreement (and any applicable Terms Agreement) against payment of the consideration set forth herein (or therein), will be validly issued, fully paid and non-assessable; the Common Stock conforms in all material respects to the description thereof contained in the Prospectus and such description conforms to the rights set forth in the instruments defining the same; and the issuance of the Shares is not subject to the preemptive or other similar rights of any securityholder of the Company.

(k) Absence of Defaults and Conflicts. (i) Neither the Company nor any of its Subsidiaries is in violation of its charter or by-laws, or (ii) in default in the performance or observance of any obligation, agreement, covenant or condition contained in any contract, indenture, mortgage, deed of trust, loan or credit agreement, note, lease or other agreement or instrument that is individually material to the Company and to which the Company or any of its Subsidiaries is a party or by which it or any of them may be bound, or to which any of the material properties or assets of the Company or any Subsidiary are subject (collectively, “Material Agreements and Instruments”), and (iii) the execution, delivery and performance of this Agreement (or any applicable Terms Agreement) and the consummation of the transactions contemplated herein (or therein) and in the Registration Statement (including the issuance and sale of the Shares, and the use of the proceeds from the sale of the Shares as described in the Prospectus) and compliance by the Company with its obligations hereunder (1) have been duly authorized by all necessary corporate action and do not and will not, whether with or without the giving of notice or

passage of time or both, conflict with or constitute a breach of, or default or Repayment Event (as defined below) under, or result in the creation or imposition of any lien, charge or encumbrance upon any property or assets of the Company or any Subsidiary pursuant to, the Material Agreements and Instruments, (2) will not result in any violation of the provisions of the charter or by-laws of the Company, and (3) will not result in any violation of any applicable law, statute, rule, regulation, judgment, order, writ or decree of any government, government instrumentality or court, domestic or foreign (including the U.S. Food and Drug Administration (the “FDA”), having jurisdiction over the Company or any Subsidiary or any of their assets, properties or operations (each, a “Governmental Entity”), except in the case of clauses (ii) and (iii), such violation or default as would not reasonably be expected to result in a Material Adverse Effect.

As used herein, a “Repayment Event” means any event or condition which gives the holder of any note, debenture or other evidence of indebtedness (or any person acting on such holder’s behalf) the right to require the repurchase, redemption or repayment of all or a portion of such indebtedness by the Company or any Subsidiary.

(l) Absence of Labor Dispute. No labor dispute with the employees of the Company or any Subsidiary exists or, to the knowledge of the Company, is imminent, and the Company is not aware of any existing labor disturbance by the employees of any of its principal suppliers, manufacturers, customers or contractors.

(m) Absence of Proceedings. There is no action, suit, proceeding, inquiry or investigation before or brought by any Governmental Entity now pending, or, threatened in writing, against or affecting the Company or any Subsidiary, which is required to be disclosed in the Registration Statement or the Prospectus (other than as disclosed therein), or which would reasonably be expected to result in a Material Adverse Effect, or materially and adversely affect the properties or assets thereof or the consummation of the transactions contemplated in this Agreement (or any applicable Terms Agreement) or the performance by the Company of its obligations hereunder (or thereunder); the aggregate of all pending legal or governmental proceedings to which the Company or any Subsidiary is a party or of which any of their respective property or assets is the subject which are not described in the Prospectus, including ordinary routine litigation incidental to the business, would not reasonably be expected to result in a Material Adverse Effect.

(n) Accuracy of Exhibits. There are no contracts or documents which are required to be described in the Registration Statement or the Prospectus or the documents incorporated by reference therein or to be filed as exhibits thereto which have not been so described and filed as required.

(o) Possession of Intellectual Property. Except as would not reasonably be expected to result in a Material Adverse Effect, (i) the Company and its Subsidiaries own or possess, or can acquire on reasonable terms, adequate patents, patent rights, licenses, inventions, copyrights, know-how (including trade secrets and other unpatented and/or unpatentable proprietary or confidential information, systems or procedures), trademarks, service marks, trade names or other intellectual property (collectively, “Intellectual Property”) necessary to carry on the business now operated by them, and (ii) neither the Company nor any of its Subsidiaries has received any written notice of any infringement of or conflict with asserted rights of others with respect to any Intellectual Property.

(p) Compliance with Health Care Laws. Except as described in the Prospectus, the Company: (i) is and for the past three (3) years has been in compliance with applicable Health Care Laws, except for such noncompliance as would not, singly or in the aggregate, reasonably be expected to result in a Material Adverse Effect; (ii) has not received any unresolved FDA Form 483, notice of adverse finding, warning letter, untitled letter or other written correspondence or notice from any Governmental Entity alleging or asserting noncompliance with any Health Care Laws which has not been remedied by the Company, except for such noncompliance as would not, singly or in the aggregate, be reasonably expected to result in a Material Adverse Effect; (iii) possesses all licenses, certificates, approvals, clearances, authorizations, registrations, permits (and supplements or amendments thereto) required by any Health Care Laws (“Authorizations”), such Authorizations are valid and in full force and effect, and the Company is not in violation of any term of any such Authorizations, except for such failure, invalidity or violation as would not reasonably be expected to result in a Material Adverse Effect; (iv) has not received written notice of any claim, action, suit, proceeding, hearing, enforcement, investigation, arbitration or other action from any Governmental Entity or third party alleging that any product, operation or activity is in violation of any Health Care Laws or Authorizations, and does not have knowledge that any such Governmental Entity or third party is considering any such claim, litigation, arbitration, action, suit, investigation or proceeding, except for such

violations as would not reasonably be expected to result in a Material Adverse Effect; (v) has not received written notice that any Governmental Entity 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 Entity is considering such action, except for such limitations, suspensions, modifications or revocations as would not reasonably be expected to result in a Material Adverse Effect; and (vi) has filed, obtained, maintained or submitted all reports, documents, forms, notices, applications, records, claims, submissions (and supplements or amendments thereto) as required by any Health Care Laws or Authorizations, and all such reports, documents, forms, notices, applications, records, claims, submissions (and supplements or amendments thereto) were complete and correct in all material respects on the date filed (or were corrected or supplemented by a subsequent submission), except where the failure to file, obtain, maintain or submit such documents would not reasonably be expected to result in a Material Adverse Effect.

As used herein, "Health Care Laws" means: (i) the Federal Food, Drug and Cosmetic Act and the regulations promulgated thereunder; (ii) all applicable federal, state, local and all applicable foreign health care related fraud and abuse law, including the U.S. Anti-Kickback Statute (42 U.S.C. Section 1320a-7b(b)), the Physician Self-Referral Law (commonly known as the Stark law) (42 U.S.C. Section 1395nn), the civil False Claims Act (31 U.S.C. Section 3729 et seq.), the administrative False Claims Law (42 U.S.C. Section 1320a-7b(a)), the Civil Monetary Penalties Law (42 U.S.C. Section 1320a-7a), the Health Insurance Portability and Accountability Act of 1996 (42 U.S.C. Section 1320d et seq.), as amended by the Health Information Technology for Economic and Clinical Health Act of 2009 (collectively, "HIPAA"), the exclusion laws (42 U.S.C. Section 1320a-7), and the Physician Payments Sunshine Act (42 U.S.C. Section 1320a-7h); (iii) all criminal laws relating to health care fraud and abuse, including 18 U.S.C. Sections 286 and 287, and the health care fraud criminal provisions under HIPAA, Medicare (Title XVIII of the Social Security Act), and Medicaid (Title XIX of the Social Security Act); and (iv) the regulations promulgated pursuant to such laws, and comparable state laws.

(q) Clinical Studies. The studies, tests and preclinical and clinical trials conducted by or on behalf of the Company as described in the Prospectus (the "Clinical Studies"), were, and if still pending are, in all material respects, being conducted in accordance with experimental protocols, procedures and controls pursuant to accepted professional and scientific standards and all applicable Health Care Laws and Authorizations; the descriptions of the results of such studies, tests and trials contained in the Registration Statement, the General 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 General Disclosure Package and the Prospectus, the Company has no knowledge 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 General Disclosure Package and the Prospectus when viewed in the context in which such results are described and the clinical state of development; and the Company has not received any written notices or correspondence from any Governmental Entity requiring the termination, suspension or material modification of any Clinical Studies, except where any such termination, suspension or modification would not reasonably be expected to result in a Material Adverse Effect.

(r) Manufacturing Practices. All manufacturing operations performed by or on behalf of the Company are being conducted in compliance with the Quality System regulation of the FDA and, to the extent applicable, counterpart regulations in the European Union and all other countries where compliance is required, except to the extent that the failure to be in compliance would not reasonably be expected to result in a Material Adverse Effect. The Company and its subsidiaries are in compliance with all reporting requirements under Health Care Laws, including, but not limited to, medical device reports (as defined by 21 C.F.R. Part 803), reports of corrections and removals (as defined by 21 C.F.R. Part 806), and the reporting and recordkeeping requirements under the Quality System regulation of the FDA, and counterpart regulations in other countries where compliance is required, except to the extent that the failure to be in compliance would not reasonably be expected to result in a Material Adverse Effect.

(s) Absence of Further Requirements. No filing with, or authorization, approval, consent, license, order, registration, qualification or decree of, any court or governmental authority or agency is necessary or required for the performance by the Company of its obligations hereunder, in connection with the offering, issuance or sale of the Shares hereunder or the consummation of the transactions contemplated by this Agreement (or any applicable Terms Agreement), except such as have been already obtained or as may be required under the 1933 Act or the 1933 Act Regulations or state securities laws.

(t) Absence of Manipulation. Neither the Company nor any affiliate of the Company has taken, nor will the Company take, directly or indirectly, any action which is designed to or which has constituted or which would be expected to cause or result in stabilization or manipulation of the price of any security of the Company to facilitate the sale or resale of the Shares.

(u) Possession of Licenses and Permits. (i) The Company and its Subsidiaries possess such permits, licenses, approvals, consents and other authorizations issued by the appropriate federal, state, local or foreign regulatory agencies or bodies necessary to conduct the business now operated by them (collectively, "Governmental Licenses"); (ii) the Company and its Subsidiaries are in compliance with the terms and conditions of all such Governmental Licenses; (iii) the Governmental Licenses are valid and in full force and effect; and (iv) neither the Company nor any of its Subsidiaries has received any written notice of proceedings relating to the revocation or material modification of any such Governmental Licenses, except in the case of clauses (i) through (iii), such failures, noncompliance or invalidity as would not reasonably be expected to result in a Material Adverse Effect.

(v) Title to Property. The Company and its Subsidiaries have good and marketable title to all real property owned by the Company and its Subsidiaries free and clear of all mortgages, pledges, liens, security interests, claims, restrictions or encumbrances of any kind except such as (i) are described in the Prospectus, or (ii) do not, singly or in the aggregate, materially affect the value of such property and do not interfere with the use made and proposed to be made of such property by the Company or any of its Subsidiaries; and all of the leases and subleases material to the business of the Company and its Subsidiaries, considered as one enterprise, and under which the Company or any of its Subsidiaries holds properties described in the Prospectus, are in full force and effect, and neither the Company nor any Subsidiary has any received any written notice of any material claim that has been asserted by anyone adverse to the rights of the Company or any Subsidiary under any of such leases or subleases, or affecting or questioning the rights of the Company or such Subsidiary to the continued possession of the property covered by any such lease or sublease.

(w) Investment Company Act. The Company is not required, and upon the issuance and sale of the Shares as herein contemplated and the application of the net proceeds therefrom as described in the Prospectus will not be required, to register as an "investment company" within the meaning of the Investment Company Act of 1940, as amended (the "1940 Act").

(x) Environmental Laws. Except as described in the Prospectus, (i) neither the Company nor any of its Subsidiaries is in violation of any federal, state, local or foreign statute, law, rule, regulation, ordinance, code, policy or rule of common law or any judicial or administrative interpretation thereof, including any judicial or administrative order, consent, decree or judgment, relating to pollution or protection of human health, the environment (including, without limitation, ambient air, surface water, groundwater, land surface or subsurface strata) or wildlife, including, without limitation, laws and regulations relating to the release or threatened release of chemicals, pollutants, contaminants, wastes, toxic substances, hazardous substances, petroleum or petroleum products, asbestos-containing materials or mold (collectively, "Hazardous Materials") or to the manufacture, processing, distribution, use, treatment, storage, disposal, transport or handling of Hazardous Materials (collectively, "Environmental Laws"), except for such violations as would not reasonably be expected to result in a Material Adverse Effect, (ii) the Company and its Subsidiaries have all permits, authorizations and approvals required under any applicable Environmental Laws and are each in material compliance with their requirements, except where the failure to possess such permits, authorizations or approvals, or the failure of such compliance, would not reasonably be expected to result in a Material Adverse Effect, and (iii) to the knowledge of the Company, there are no material pending or threatened administrative, regulatory or judicial actions, suits, demands, demand letters, claims, liens, notices of noncompliance or violation, investigation or proceedings relating to any Environmental Law against the Company or any of its Subsidiaries.

(y) Registration Rights. Except as disclosed in the Prospectus, there are no persons with registration rights or other similar rights to have any securities registered pursuant to the Registration Statement or otherwise registered by the Company under the 1933 Act.

(z) Accounting Controls and Disclosure Controls. The Company and each of its Subsidiaries maintain a system of internal accounting controls sufficient to provide reasonable assurances that (i) transactions are

executed in accordance with management's general or specific authorization; (ii) transactions are recorded as necessary to permit preparation of financial statements in conformity with GAAP and to maintain accountability for assets; (iii) access to assets is permitted only in accordance with management's general or specific authorization; and (iv) the recorded accountability for assets is compared with the existing assets at reasonable intervals and appropriate action is taken with respect to any differences. Except as described in the Prospectus, since the end of the Company's most recent audited fiscal year, there has been (1) no material weakness in the Company's internal control over financial reporting (whether or not remediated) and (2) no change in the Company's internal control over financial reporting that has materially affected, or is reasonably likely to materially affect, the Company's internal control over financial reporting.

The Company and its consolidated Subsidiaries employ disclosure controls and procedures that are designed to ensure that information required to be disclosed by the Company in the reports that it files or submits under the 1934 Act is recorded, processed, summarized and reported, within the time periods specified in the Commission's rules and forms, and is accumulated and communicated to the Company's management, including its principal executive officer or officers and principal financial officer or officers, as appropriate, to allow timely decisions regarding disclosure.

(aa) S-3 Eligibility. (i) At the time of filing the Registration Statement, the Company will meet the applicable requirements for use of Form S-3 under the 1933 Act, (ii) at the time of the most recent amendment thereto for the purposes of complying with Section 10(a)(3) of the 1933 Act (whether such amendment was by post-effective amendment, incorporated report filed pursuant to Section 13 or 15(d) of the 1934 Act or form of prospectus), the Company met the then applicable requirements for use of Form S-3 under the 1933 Act and (iii) at the earliest time after the filing of the Registration Statement that the Company makes a bona fide offer (within the meaning of Rule 164(h)(2) under the 1933 Act) of the Shares, the Company will not be an "ineligible issuer" as defined in Rule 405 under the 1933 Act.

(bb) No Commissions. Neither the Company nor any of its Subsidiaries is a party to any contract, agreement or understanding with any person (other than as contemplated by this Agreement (or any applicable Terms Agreement)) that would give rise to a valid claim against the Company or any of its Subsidiaries or the Agent for a brokerage commission, finder's fee or like payment in connection with the offer and sale of the Shares.

(cc) Deemed Representation. Any certificate signed by any officer of the Company delivered to the Agent or to counsel for the Agent pursuant to or in connection with this Agreement (or any applicable Terms Agreement) shall be deemed a representation and warranty by the Company to the Agent as to the matters covered thereby as of the date or dates indicated in such certificate.

(dd) Compliance with the Sarbanes-Oxley Act. There is and has been no failure on the part of the Company or any of the Company's directors or officers, in their capacities as such, to comply in all material respects with the applicable provisions of the Sarbanes-Oxley Act of 2002 and the rules and regulations promulgated in connection therewith (the "Sarbanes-Oxley Act"), including Section 402 related to loans and Sections 302 and 906 related to certifications.

(ee) FINRA Exemption. To enable the Agent to rely on Rule 5110(b)(7)(C)(i) of the Financial Industry Regulatory Authority, Inc. ("FINRA"), the Company represents that the Company (i) has a non-affiliate, public common equity float of at least \$150 million, and (ii) has been subject to the Exchange Act reporting requirements for a period of at least 36 months.

(ff) Payment of Taxes. Subject to any permitted extensions, all United States federal income tax returns of the Company and its Subsidiaries required by law to be filed have been filed and all taxes shown by such returns or otherwise assessed, which are due and payable, have been paid, except assessments against which appeals have been or will be promptly taken and as to which adequate reserves have been provided. No assessment in connection with the United States federal income tax returns of the Company through the fiscal year ended December 31, 2017 has been made against the Company. The Company and its Subsidiaries have filed all other material tax returns that are required to have been filed by them pursuant to applicable foreign, state, local or other law and have paid all taxes due pursuant to such returns or pursuant to any assessment received by the Company and its Subsidiaries, except for such taxes, if any, as are being contested in good faith and as to which adequate reserves

have been provided. The charges, accruals and reserves on the books of the Company in respect of any income tax liability for any years not finally determined are adequate to meet any assessments or re-assessments for additional income tax for any years not finally determined.

(gg) Insurance. The Company and its Subsidiaries carry or are entitled to the benefits of insurance, with insurers believed to be financially sound and reputable, in such amounts and covering such risks as is generally maintained by companies of established repute engaged in the same or similar business, and all such insurance is in full force and effect. The Company has no reason to believe that it or any Subsidiary will not be able (i) to renew its existing insurance coverage as and when such policies expire, or (ii) to obtain comparable coverage from similar institutions as may be necessary or appropriate to conduct its business as now conducted and at a cost that would not result in a Material Adverse Effect. Neither of the Company nor any Subsidiary has been denied any insurance coverage which it has sought or for which it has applied.

(hh) Statistical and Market-Related Data. Any statistical and market-related data included in the Prospectus are based on or derived from sources that the Company believes to be reliable and accurate, and, where required, the Company has obtained the written consent to the use of such data from such sources.

(ii) Foreign Corrupt Practices Act. Neither the Company nor, to the knowledge of the Company, any director, officer, employee or other person acting on behalf of the Company, is aware of or has taken any action, directly or indirectly, that would result in a violation by such persons of the Foreign Corrupt Practices Act of 1977, as amended, and the rules and regulations thereunder (the “FCPA”), including, without limitation, making use of the mails or any means or instrumentality of interstate commerce corruptly in furtherance of an offer, payment, promise to pay or authorization of the payment of any money, or other property, gift, promise to give, or authorization of the giving of anything of value to any “foreign official” (as such term is defined in the FCPA) or any foreign political party or official thereof or any candidate for foreign political office, in contravention of the FCPA and the Company and, to the knowledge of the Company, its affiliates have conducted their businesses in compliance with the FCPA and have instituted and maintain policies and procedures designed to ensure, and which are reasonably expected to continue to ensure, continued compliance therewith.

(jj) Money Laundering Laws. The operations of the Company are and have been conducted at all times in material compliance with applicable financial recordkeeping and reporting requirements of the Currency and Foreign Transactions Reporting Act of 1970, as amended, the money laundering statutes of all jurisdictions, the rules and regulations thereunder and any related or similar rules, regulations or guidelines, issued, administered or enforced by any governmental agency (collectively, the “Money Laundering Laws”) and no action, suit or proceeding by or before any court or governmental agency, authority or body or any arbitrator involving the Company with respect to the Money Laundering Laws is pending or, to the best knowledge of the Company, threatened.

(kk) OFAC. Neither the Company nor, to the knowledge of the Company, any director, officer, employee or other person acting on behalf of the Company, is currently subject to any U.S. sanctions administered by the Office of Foreign Assets Control of the U.S. Treasury Department (“OFAC”); and the Company will not directly or indirectly use the proceeds of the offering, or lend, contribute or otherwise make available such proceeds to any Subsidiary, joint venture partner or other person or entity, for the purpose of financing the activities of any person currently subject to any U.S. sanctions administered by OFAC.

Section 2. Sale and Delivery of Shares.

(a) Subject to the terms and conditions set forth herein, the Company agrees to issue and sell exclusively through the Agent acting as sales agent (or directly to the Agent acting as principal from time to time), and the Agent agrees to use its commercially reasonable efforts to sell as sales agent for the Company, the Shares. Sales of the Shares, if any, through the Agent acting as sales agent or directly to the Agent acting as principal may be made in negotiated transactions or transactions that are deemed to be “at the market offerings” as defined in Rule 415 under the 1933 Act. Notwithstanding the provisions of Section 3(m), the Agent shall not purchase the Shares sold pursuant to this Agreement for its own account as principal unless expressly authorized in writing to do so by the Company.

(b) The Shares are to be sold on a daily basis or otherwise as shall be agreed to by the Company and the Agent on that trading day (other than a day on which NASDAQ is scheduled to close prior to its regular weekday closing time, each, a "Trading Day") that the Company has satisfied its obligations under Section 6 of this Agreement and that the Company has instructed the Agent to make such sales. For the avoidance of doubt, the foregoing limitation shall not apply to sales solely to employees or security holders of the Company or its Subsidiaries, or to a trustee or other person acquiring such securities for the accounts of such persons in which Stifel Nicolaus is acting for the Company in a capacity other than as Agent under this Agreement. On any Trading Day, the Company may instruct the Agent by telephone (confirmed promptly by email by any of the individuals from the Company set forth on Schedule 2 and shall be addressed to each of the individuals from Stifel Nicolaus set forth on Schedule 2, which confirmation will be promptly acknowledged by the Agent) as to the maximum number of Shares to be sold by the Agent on such day (in any event not in excess of the number available for issuance under the Prospectus and the Registration Statement) and the minimum price per Share at which such Shares may be sold (each such instruction and subsequent confirmation, a "Placement Notice"). Subject to the terms and conditions hereof, the Agent shall use its commercially reasonable efforts to sell as sales agent all of the Shares so designated by the Company. The Company and the Agent each acknowledge and agree that (i) there can be no assurance that the Agent will be successful in selling the Shares, (ii) the Agent will incur no liability or obligation to the Company or any other person or entity if they do not sell Shares for any reason other than a failure by the Agent to use its commercially reasonable efforts consistent with its normal trading and sales practices and applicable law and regulations to sell such Shares as required by this Agreement, and (iii) the Agent shall be under no obligation to purchase Shares on a principal basis except as otherwise specifically agreed by each of the Agent and the Company pursuant to a Terms Agreement. In the event of a conflict between the terms of this Agreement and the terms of any applicable Terms Agreement, the terms of such Terms Agreement will control.

(c) Notwithstanding the foregoing, the Company shall not authorize the issuance and sale of, and the Agent as sales agent shall not be obligated to use its commercially reasonable efforts to sell, any Shares pursuant to this Agreement (i) at a price lower than the minimum price therefor authorized from time to time, or (ii) in a number in excess of the number of Shares authorized from time to time to be issued and sold under this Agreement, in each case, by the Company's board of directors, or a duly authorized committee thereof, and of which the Company has notified the Agent in writing. In addition, the Company may, upon notice to the Agent, suspend the offering of the Shares or the Agent may, upon notice to the Company, suspend the offering of the Shares with respect to which the Agent is acting as sales agent for any reason and at any time; provided, however, that such suspension or termination shall not affect or impair the parties' respective obligations with respect to the Shares sold hereunder prior to the giving of such notice. Any notice given pursuant to the preceding sentence may be given by telephone by any of the individuals from the Company set forth on Schedule 2 (confirmed promptly by email and shall be addressed to each of the individuals from Stifel Nicolaus set forth on Schedule 2, which confirmation will be promptly acknowledged).

(d) The gross sales price per share of any Shares sold pursuant to this Agreement by the Agent acting as sales agent of the Company shall be the market price prevailing at the time of sale for shares of the Common Stock sold by the Agent on NASDAQ or otherwise. The compensation payable to the Agent for sales of Shares with respect to which the Agent acts as sales agent shall be up to 3.0% of the gross sales price of the Shares for amounts of Shares sold pursuant to this Agreement. The Company may only sell Shares to the Agent, acting as principal, at a price and on such other terms as may be agreed upon with the Agent at the relevant Applicable Time and pursuant to a separate Terms Agreement. The remaining proceeds, after further deduction for any transaction fees imposed by any governmental, regulatory or self-regulatory organization in respect of such sales, shall constitute the net proceeds to the Company for such Shares (the "Net Proceeds"). The Agent shall notify the Company as promptly as practicable if any deduction referenced in the preceding sentence will be required.

(e) If acting as a sales agent hereunder, the Agent shall provide written confirmation to the Company following the close of trading on NASDAQ for each day during which Shares are sold under this Agreement, which confirmation shall set forth the number of Shares sold on such day, the aggregate gross sales proceeds of the Shares, the Net Proceeds to the Company from the sale of such Shares, and the compensation payable by the Company to such Agent with respect to the sale of such Shares.

(f) Under no circumstances shall the aggregate offering price or number, as the case may be, of Shares sold pursuant to this Agreement (and any applicable Terms Agreement) exceed the aggregate offering price

or number, as the case may be, of Shares of Common Stock (i) set forth in the preamble paragraph of this Agreement, (ii) available for issuance under the Prospectus and the then currently effective Registration Statement or (iii) authorized from time to time to be issued and sold under this Agreement (or any applicable Terms Agreement) by the Company's board of directors, or a duly authorized committee thereof, and notified to the Agent in writing. In addition, under no circumstances shall any Shares with respect to which the Agent acts as sales agent be sold at a price lower than the minimum price therefor authorized from time to time by the Company's board of directors, or a duly authorized committee thereof, and notified to the Agent in writing.

(g) Settlement for sales of Shares pursuant to this Section 2 will occur on the second business day that is also a Trading Day following the trade date on which such Shares are sold, unless another date shall be agreed to by the Company and the Agent (each such day, a "Settlement Date"). On each Settlement Date, the Shares sold through the Agent for settlement on such date shall be delivered by the Company to the Agent against payment of the Net Proceeds from the sale of such Shares. Settlement for all Shares shall be effected by book-entry delivery of Shares to the Agent's account at The Depository Trust Company against payments by the Agent of the Net Proceeds from the sale of such Shares in same day funds delivered to an account designated by the Company. If the Company shall default on its obligation to deliver Shares on any Settlement Date, the Company shall (i) indemnify and hold the Agent harmless against any loss, claim or damage arising from or as a result of such default by the Company and (ii) pay the Agent any commission to which it would otherwise be entitled absent such default.

(h) Notwithstanding any other provision of this Agreement, the Company and the Agent agree that no sales of Shares shall take place, and the Company shall not request the sale of any Shares, and the Agent shall not be obligated to sell, during any period in which the Company's insider trading policy (as it exists on the date of the Agreement, and as such may be amended from time to time), would prohibit the purchases or sales of the Common Stock by its officers or directors, or during any other period in which the Company is in possession of material non-public information; provided that, unless otherwise agreed between the Company and the Agent, for purposes of this Section 2(h) such period shall be deemed to end on the day immediately following the date on which the Company's next subsequent Annual Report on Form 10-K or Quarterly Report on Form 10-Q, as the case may be, is filed with the Commission.

(i) At each Applicable Time, Settlement Date, Registration Statement Amendment Date (as defined below) and each Company Periodic Report Date, the Company shall be deemed to have affirmed each representation and warranty contained in this Agreement. Any obligation of the Agent to use its commercially reasonable efforts to sell the Shares on behalf of the Company as sales agent pursuant to this Agreement shall be subject to the continuing accuracy of the representations and warranties of the Company herein, to the performance by the Company of its obligations hereunder and to the continuing satisfaction of the additional conditions specified in Section 6.

Section 3. Covenants. The Company agrees with the Agent:

(a) During any period when the delivery of a prospectus is required in connection with the offer or sale of Shares pursuant to this Agreement (whether physically or through compliance with Rule 153 or 172, or in lieu thereof, a notice referred to in Rule 173(a) under the 1933 Act), (i) to make no further amendment or any supplement to the Registration Statement or the Prospectus prior to any Settlement Date which shall be disapproved by the Agent promptly after reasonable notice thereof and to advise the Agent, promptly after it receives notice thereof, of the time when any amendment to the Registration Statement has been filed or becomes effective or any amendment or supplement to the Prospectus has been filed and to furnish the Agent with copies thereof, (ii) to file promptly all other material required to be filed by the Company with the Commission pursuant to Rule 433(d) under the 1933 Act, (iii) to timely file all periodic reports, current reports and any definitive proxy or information statements required to be filed by the Company with the Commission pursuant to Section 13(a), 13(c), 14 or 15(d) of the 1934 Act, (iv) to advise the Agent, promptly after it receives notice thereof, of the issuance by the Commission of any stop order or of any order preventing or suspending the use of the Prospectus, of the suspension of the qualification of the Shares for offer or sale in any jurisdiction, of the initiation or threatening of any proceeding for any such purpose, or of any request by the Commission to amend or supplement the Registration Statement or the Prospectus, or to provide additional information relating to the offer and sale of the Shares, and (v) in the event of the issuance of any such stop order or of any such order preventing or suspending the use of the Prospectus in respect of the Shares or suspending any such qualification, to use its commercially reasonable efforts to obtain the

withdrawal of such order; and in the event of any such issuance of a notice of objection, to use commercially reasonable efforts to permit offers and sales of the Shares by the Agent, which may include, without limitation, amending the Registration Statement or filing a new registration statement, at the Company's expense (references herein to the Registration Statement shall include any such amendment or new registration statement).

(b) Promptly from time to time to take such action as the Agent may reasonably request to qualify the Shares for offer and sale under the securities laws of such jurisdictions as the Agent may request and to comply with such laws so as to permit the continuance of offers and sales in such jurisdictions for as long as may be necessary to complete the sale of the Shares, provided that in connection therewith the Company shall not be required to qualify as a foreign corporation or to file a general consent to service of process in any jurisdiction; and to promptly advise the Agent of the receipt by the Company of any notification with respect to the suspension of the qualification of the Shares for offer or sale in any jurisdiction or the initiation or threatening of any proceeding for such purpose.

(c) During any period when the delivery of a prospectus is required (whether physically or through compliance with Rules 153 or 172, or in lieu thereof, a notice referred to in Rule 173(a) under the 1933 Act) in connection with the offer or sale of Shares, the Company will make available to the Agent, as soon as practicable after the execution of this Agreement, and thereafter from time to time furnish to the Agent, copies of the most recent Prospectus in such quantities and at such locations as the Agent may reasonably request for the purposes contemplated by the 1933 Act. During any period when the delivery of a prospectus is required (whether physically or through compliance with Rules 153 or 172, or in lieu thereof, a notice referred to in Rule 173(a) under the 1933 Act) in connection with the offer or sale of Shares, and if at such time any event shall have occurred as a result of which the Prospectus as then amended or supplemented would include an untrue statement of a material fact or omit to state any material fact necessary in order to make the statements therein, in the light of the circumstances under which they were made when such Prospectus is delivered, not misleading, or, if for any other reason it shall be necessary during such same period to amend or supplement the Prospectus or to file under the 1934 Act any document incorporated by reference in the Prospectus in order to comply with the 1933 Act or the 1934 Act, to notify the Agent and to file such document and to prepare and furnish without charge to the Agent as many written and electronic copies as the Agent may from time to time reasonably request of an amended Prospectus or a supplement to the Prospectus which will correct such statement or omission or effect such compliance.

(d) To make generally available to its securityholders as soon as practicable, but in any event not later than sixteen months after the effective date of the Registration Statement (as defined in Rule 158(c) under the 1933 Act), an earnings statement of the Company and its Subsidiaries (which need not be audited) complying with Section 11(a) of the 1933 Act and the rules and regulations of the Commission thereunder (including, at the option of the Company, Rule 158).

(e) To pay the required Commission filing fees relating to the Shares within the time required by Rule 456(b)(1) under the 1933 Act without regard to the proviso therein and otherwise in accordance with Rules 456(b) and 457(r) under the 1933 Act.

(f) To use the Net Proceeds received by it from the sale of the Shares pursuant to this Agreement (and any applicable Terms Agreement) in the manner described in the General Disclosure Package.

(g) In connection with the offer and sale of the Shares, the Company will file with NASDAQ all documents and notices, and make all certifications, as are required by NASDAQ of companies that have securities that are listed or quoted on NASDAQ and will use commercially reasonable efforts to maintain such listings or quotations.

(h) To not take, directly or indirectly, and to cause its affiliates to refrain from taking, any action designed to cause or result in, or that has constituted or might reasonably be expected to constitute, under the 1934 Act or otherwise, the stabilization or manipulation of the price of any securities of the Company to facilitate the sale or resale of the Shares.

(i) At each Applicable Time, each Settlement Date, each Registration Statement Amendment Date, each Company Periodic Report Date, and each date on which Shares are delivered to the Agent pursuant to

any applicable Terms Agreement, the Company shall be deemed to have affirmed each representation, warranty, covenant and other agreement contained in this Agreement (or any applicable Terms Agreement), provided that each representation, warranty, covenant and other agreement shall be deemed updated to reflect the information included in, or incorporated by reference into, the Registration Statement, the General Disclosure Package and the Prospectus as of the relevant time. In each Annual Report on Form 10-K or Quarterly Report on Form 10-Q filed by the Company with the Commission in respect of any quarter in which sales of Shares were made by or through the Agent under this Agreement (or any applicable Terms Agreement) (each date on which any such report is filed, and any date on which an amendment to any such document is filed, a “Company Periodic Report Date”), the Company shall set forth with regard to such quarter the number of Shares sold through the Agent under this Agreement (or any applicable Terms Agreement) and the Net Proceeds received by the Company with respect to sales of Shares pursuant to this Agreement (or any applicable Terms Agreement) in a manner consistent with the 1934 Act Regulations.

(j) Upon commencement of the offering of Shares under this Agreement, each time the Shares are delivered to the Agent as principal on a Settlement Date, and promptly after each (i) date the Registration Statement or the Prospectus shall be amended or supplemented (other than (1) by an amendment or supplement providing solely for the determination of the terms on which the Shares shall be sold, (2) in connection with the filing of a prospectus supplement that contains solely the information set forth in Section 3(i), (3) in connection with the filing of any current reports on Form 8-K (other than any current reports on Form 8-K which contain financial statements, supporting schedules or other financial data, including any current report on Form 8-K under Item 2.02 of such form that is considered “filed” under the 1934 Act) or (4) by a prospectus supplement relating to the offer or sale of other Company securities (including, without limitation, other shares of Common Stock)) (each such date, a “Registration Statement Amendment Date”) and (ii) Company Periodic Report Date (together with each Registration Statement Amendment Date, a “Representation Date”), the Company will furnish or cause to be furnished to the Agent a certificate dated the date of effectiveness of such amendment or the date of filing with the Commission of such supplement or other document, as the case may be, in a form reasonably satisfactory to the Agent to the effect that the statements contained in the certificate referred to in Section 6(f) of this Agreement which were last furnished to the Agent are true and correct in all material respects at the time of such amendment, supplement or filing, as the case may be, as though made at and as of such time (except that such statements shall be deemed to relate to the Registration Statement, the General Disclosure Package and the Prospectus as amended and supplemented to such time) or, in lieu of such certificate, a certificate in substantially the same form as the certificate required by Section 6(f), but modified as necessary to relate to the Registration Statement, the General Disclosure Package and the Prospectus as amended and supplemented, or to the document incorporated by reference into the Prospectus, to the time of delivery of such certificate. As used in this paragraph, to the extent there shall be an Applicable Time on or following a Representation Date, “promptly” shall be deemed to be on or prior to the next succeeding Applicable Time. The requirement to provide a certificate under this Section 3(j) shall be waived for any Representation Date occurring at a time during which no Placement Notice is then pending, which waiver shall continue until the earlier to occur of the date the Company delivers a Placement Notice hereunder (which for such calendar quarter shall be considered a Representation Date) and the next occurring Representation Date. Notwithstanding the foregoing, if the Company subsequently decides to sell Placement Shares following a Representation Date when the Company relied on such waiver and did not provide Agent with a certificate under this Section 3(j), then before the Company delivers the Placement Notice or Agent sells any Placement Shares, the Company shall provide Agent with a certificate meeting the requirements of this Section 3(j), dated the date of the Placement Notice and such date shall be deemed a Representation Date.

(k) Upon commencement of the offering of Shares under this Agreement, each time the Shares are delivered to the Agent as principal on a Settlement Date, and, to the extent there is an Applicable Time on or following a Representation Date, prior to the next succeeding Applicable Time after each Representation Date for which no waiver under Section 3(j) is applicable, the Company will furnish or cause to be furnished to the Agent and to counsel to the Agent the written opinion and letter of Company Counsel or other counsel reasonably satisfactory to the Agent, dated the date of commencement or such Settlement Date or Representation Date, as the case may be, in a form and substance reasonably satisfactory to the Agent and its counsel, in substantially the same form as the opinions and letters required by Section 6(c), but modified as necessary to relate to the Registration Statement, the General Disclosure Package and the Prospectus, as amended and supplemented, or to the document incorporated by reference into the Prospectus, to the time of delivery of such opinion and letter or, in lieu of such opinion and letter, counsel last furnishing such letter to the Agent shall furnish such Agent with a letter substantially

to the effect that the Agent may rely on such last opinion and letter to the same extent as though each were dated the date of such letter authorizing reliance (except that statements in such last letter shall be deemed to relate to the Registration Statement, the General Disclosure Package and the Prospectus as amended and supplemented to the time of delivery of such letter authorizing reliance).

(l) Upon commencement of the offering of Shares under this Agreement, each time the Shares are delivered to the Agent as principal on a Settlement Date, and, to the extent there is an Applicable Time on or following a Representation Date, prior to the next succeeding Applicable Time after each Representation Date for which no waiver under Section 3(j) is applicable, the Company will cause KPMG LLP, or other independent accountants reasonably satisfactory to the Agent, to furnish to the Agent a letter, dated the date of effectiveness of such amendment or the date of filing of such supplement or other document with the Commission, as the case may be, in form reasonably satisfactory to the Agent and its counsel, in substantially the same form as the letter required by Section 6(d), but modified as necessary to relate to the Registration Statement, the General Disclosure Package and the Prospectus, as amended and supplemented, or to the document incorporated by reference into the Prospectus, to the date of such letter.

(m) The Company consents to Stifel Nicolaus trading in the Common Stock for Stifel Nicolaus' own account and for the account of its clients at the same time as sales of Shares occur pursuant to this Agreement (or any applicable Terms Agreement).

(n) If, to the knowledge of the Company, all filings required by Rule 424 in connection with this offering shall not have been made or the representations in Section 1(a) shall not be true and correct on the applicable Settlement Date, the Company will offer to any person who has agreed to purchase Shares from the Company as the result of an offer to purchase the Shares solicited by the Agent hereunder the right to refuse to purchase such Shares.

(o) The Company will cooperate timely with any reasonable due diligence review conducted by the Agent or its counsel from time to time in connection with the transactions contemplated hereby or in any Terms Agreement, including, without limitation, and upon reasonable notice providing information and making available documents and appropriate corporate officers, during regular business hours and at the Company's principal offices, as the Agent may reasonably request.

(p) The Company will not, without (i) giving the Agent at least two business days' prior written notice specifying the nature of the proposed transfer or sale and the date of such proposed transfer or sale, and (ii) the Agent suspending activity under this Agreement for such period of time as requested by the Company or as deemed appropriate by the Agent in light of the proposed sale, (1) 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 for the sale of, lend or otherwise transfer or dispose of, directly or indirectly, any shares of Common Stock or securities convertible into or exchangeable or exercisable for or repayable with Common Stock, or file any registration statement under the 1933 Act with respect to any of the foregoing (other than a shelf registration statement under Rule 415 under the 1933 Act, a registration statement on Form S-8, or post-effective amendment to the Registration Statement) or (2) enter into any swap or other agreement or any transaction that transfers in whole or in part, directly or indirectly, any of the economic consequence of ownership of the Common Stock, or any securities convertible into or exchangeable or exercisable for or repayable with Common Stock, whether any such swap or transaction described in clause (1) or (2) above is to be settled by delivery of Common Stock or such other securities, in cash or otherwise. The foregoing sentence shall not apply to (i) the Shares to be offered and sold through the Agent pursuant to this Agreement (or any applicable Terms Agreement), and (ii) equity incentive awards approved by the board of directors of the Company or the compensation committee thereof or the issuance of Common Stock upon exercise thereof.

Section 4. Free Writing Prospectus. (i) The Company represents and agrees that, without the prior consent of the Agent, it will not make any offer relating to the Shares that would constitute a "free writing prospectus" as defined in Rule 405 under the 1933 Act; (ii) the Agent represents and agrees that, without the prior consent of the Company, it will not make any offer relating to the Shares that would constitute a free writing prospectus required to be filed with the Commission; and (iii) the Company has complied and will comply with the requirements of Rule 433 under the 1933 Act applicable to any Issuer Free Writing Prospectus (including any free writing prospectus identified in clause (i) above).

Section 5. Payment of Expenses. The Company covenants and agrees with the Agent that the Company will pay or cause to be paid the following: (i) the fees, disbursements and expenses of the Company's counsel and accountants in connection with the registration of the Shares under the 1933 Act and all other expenses in connection with the preparation, printing and filing of the Registration Statement, the Base Prospectus, the Prospectus Supplement, any Issuer Free Writing Prospectus and the Prospectus (and any amendments and supplements to any of the foregoing) and the mailing and delivering of copies thereof to the Agent, as applicable; (ii) the cost of printing or producing this Agreement (or any applicable Terms Agreement), any blue sky memoranda, closing documents (including any compilations thereof) and any other documents in connection with the offer, purchase, sale and delivery of the Shares; (iii) any expenses incurred in connection with the qualification of the Shares for offer and sale under state securities laws as provided in Section 3(b) hereof, including the reasonable fees and disbursements of counsel for the Agent in connection with such qualification and in connection with the blue sky memoranda; (iv) any filing fees incident to, and the reasonable fees and disbursements of counsel for the Agent in connection with, any required review by FINRA of the terms of the offer and sale of the Shares; (v) all fees and expenses in connection with listing or quoting the Shares on NASDAQ; (vi) the cost of preparing the Shares; (vii) the costs and charges of any transfer agent or registrar; (viii) the reasonable fees and disbursements of counsel to the Agent in an aggregate amount not to exceed \$50,000 (which amount shall include all fees and disbursements of such counsel described in clauses (iii) and (iv) above); and (ix) all other costs and expenses incident to the performance of its obligations hereunder which are not otherwise specifically provided for in this Section 5. It is understood, however, that, except as provided in this Section 5, and Section 7 hereof, the Agent will pay all of its own costs and expenses, including the fees and disbursements of its counsel, transfer taxes on resale of any of the Shares by it, and any advertising expenses incurred in connection with any offers made pursuant to this Agreement.

Section 6. Conditions of Agent's Obligation. The obligations of the Agent hereunder shall be subject, in its discretion, to the condition that all representations and warranties of the Company herein, or in certificates of any officer of the Company delivered pursuant to the provisions hereof, are true and correct as of the time of the execution of this Agreement, as of the date of any applicable Terms Agreement, and as of each Registration Statement Amendment Date, Company Periodic Report Date, Applicable Time and Settlement Date, to the condition that the Company shall have performed all of its obligations hereunder theretofore to be performed, and the following additional conditions:

(a) The Prospectus Supplement shall have been filed with the Commission pursuant to Rule 424(b) under the 1933 Act on or prior to the date hereof and, in accordance with Section 3(a) hereof, any other material required to be filed by the Company pursuant to Rule 433(d) under the 1933 Act shall have been filed with the Commission within the applicable time periods prescribed for such filings by Rule 433; no stop order suspending the effectiveness of the Registration Statement or any part thereof shall have been issued and no proceeding for that purpose shall have been initiated or threatened by the Commission and no notice of objection of the Commission to the use of the form of the Registration Statement or any post-effective amendment thereto pursuant to Rule 401(g)(2) under the 1933 Act shall have been received; no stop order suspending or preventing the use of the Prospectus or any Issuer Free Writing Prospectus shall have been initiated or threatened by the Commission; and all requests for additional information on the part of the Commission relating to the offer and sale of the Shares shall have been complied with to the reasonable satisfaction of the Agent.

(b) On every date specified in Section 3(k) hereof, Duane Morris LLP, counsel for the Agent, shall have furnished to the Agent such written opinion or opinions, dated as of such date, with respect to such matters as the Agent may reasonably request, and such counsel shall have received such papers and information as they may reasonably request to enable them to pass upon such matters.

(c) On every date specified in Section 3(k) hereof, Stradling Yocca Carlson & Rauth, P.C., counsel for the Company, shall have furnished to the Agent such written opinion or opinions, dated as of such date, in form and substance reasonably satisfactory to the Agent.

(d) At the dates specified in Section 3(l) hereof, the independent accountants of the Company who have certified the financial statements of the Company and its Subsidiaries included or incorporated by reference in the Registration Statement, the General Disclosure Package and the Prospectus shall have furnished to the Agent a letter dated as of the date of delivery thereof and addressed to the Agent in form and substance reasonably satisfactory to the Agent and its counsel, containing statements and information of the type ordinarily included in accountants' "comfort letters" to underwriters with respect to the financial statements of the Company and its Subsidiaries included or incorporated by reference in the Registration Statement, the General Disclosure Package and the Prospectus.

(e) Prior to commencement of the offering of Shares under this Agreement, the Agent shall have received a certificate, signed on behalf of the Company by its corporate Secretary, in form and substance satisfactory to the Agent and its counsel.

(f) (i) Upon commencement of the offering of Shares under this Agreement, the Company will furnish or cause to be furnished promptly to the Agent a certificate of an officer in a form satisfactory to the Agent stating the minimum price for the sale of such Shares pursuant to this Agreement and the maximum number of Shares that may be issued and sold pursuant to this Agreement or, alternatively, maximum gross proceeds from such sales, as authorized from time to time by the Company's board of directors or a duly authorized committee thereof or, in connection with any amendment, revision or modification of such minimum price or maximum Share number or amount, a new certificate with respect thereto and (ii) on each date specified in Section 3(j), the Agent shall have received a certificate of the Chief Executive Officer or Chief Financial Officer of the Company, dated as of the date thereof, to the effect that (1) there has been no Material Adverse Effect since the date as of which information is given in the General Disclosure Package and the Prospectus as then amended or supplemented, (2) the representations and warranties in Section 1 are true and correct as of such date (taking into account the information included in, or incorporated by reference into, the Registration Statement, the General Disclosure Package and the Prospectus as of the date of certification), and (3) the Company is in material compliance with all of the agreements entered into in connection with the transaction contemplated herein and satisfied all conditions on its part to be performed or satisfied.

(g) Since the date of the latest audited financial statements then included or incorporated by reference in the General Disclosure Package and the Prospectus, no Material Adverse Effect shall have occurred.

(h) The Company shall have complied with the provisions of Section 3(c) hereof with respect to the timely furnishing of prospectuses.

(i) On such dates as reasonably requested by the Agent, the Company shall have conducted due diligence sessions, in form and substance satisfactory to the Agent.

(j) All filings with the Commission required by Rule 424 under the 1933 Act to have been filed by each Applicable Time or related Settlement Date shall have been made within the applicable time period prescribed for such filing by Rule 424 (without reliance on Rule 424(b)(8)).

(k) The Shares shall have been approved for listing or quotation on NASDAQ prior to the first Settlement Date.

(l) Prior to any Settlement Date, the Company shall have furnished to the Agent such further information, documents or certificates as the Agent may reasonably request.

Section 7. Indemnification.

(a) The Company will indemnify and hold harmless the Agent against any losses, claims, damages or liabilities, joint or several, to which the Agent may become subject, under the 1933 Act or otherwise, 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, the Base Prospectus, the Prospectus Supplement or the Prospectus or any amendment or supplement thereto, any Issuer Free Writing Prospectus or any "issuer information" filed or required to be filed pursuant to Rule 433(d) under the 1933

Act, 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 the Agent for any legal or other expenses reasonably incurred by the Agent in connection with investigating or defending any such action or claim 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 or liability arises out of or is based upon an untrue statement or alleged untrue statement or omission or alleged omission made in the Registration Statement, the Base Prospectus, the Prospectus Supplement, the Prospectus, any Issuer Free Writing Prospectus (or any amendment or supplement to any of the foregoing) in reliance upon and in strict conformity with written information furnished to the Company by the Agent expressly for use therein.

(b) The Agent will indemnify and hold harmless the Company against any losses, claims, damages or liabilities to which the Company may become subject, under the 1933 Act or otherwise, 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, the Base Prospectus, the Prospectus Supplement, the Prospectus, any Issuer Free Writing Prospectus (or any amendment or supplement to any of the foregoing), 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, the Base Prospectus, the Prospectus Supplement, the Prospectus, any Issuer Free Writing Prospectus (or any amendment or supplement to any of the foregoing) in reliance upon and in strict conformity with written information furnished to the Company by the Agent expressly for use therein; and will reimburse the Company for any legal or other expenses reasonably incurred by the Company in connection with investigating or defending any such action or claim as such expenses are incurred.

(c) Promptly after receipt by an indemnified party under subsection (a) or (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 it from any liability which it may have to any indemnified party otherwise than under such subsection except and only to the extent such indemnifying party is materially prejudiced thereby. 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 therein 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 (who shall not, except with the consent of the indemnified party, be counsel to the indemnifying party), and, after notice from the indemnifying party to such indemnified party of its election so to assume the defense thereof, the indemnifying party shall not be liable to such indemnified party under this Section 7 for any legal expenses of other counsel or any other expenses, in each case subsequently incurred by such indemnified party, in connection with the defense thereof other than reasonable costs of investigation. No indemnifying party shall, without the written consent of the indemnified party, effect the settlement or compromise of, or consent to the entry of any judgment with respect to, any pending or threatened action or claim in respect of which indemnification or contribution may be sought hereunder (whether or not the indemnified party is an actual or potential party to such action or claim) unless such settlement, compromise or judgment (i) includes an unconditional release of the indemnified party from all liability arising out of such action or claim and (ii) does not include a statement as to or an admission of fault, culpability or a failure to act, by or on behalf of any indemnified party.

(d) If the indemnification provided for in this Section 7 is unavailable to hold harmless an indemnified party under subsection (a) or (b) above in respect of any losses, claims, damages or liabilities (or actions in respect thereof) referred to therein, then each indemnifying party shall contribute to the amount paid or payable by such indemnified party as a result of such losses, claims, damages or liabilities (or actions in respect thereof) in such proportion as is appropriate to reflect the relative benefits received by the Company on the one hand and the Agent on the other from the offering of the Shares to which such loss, claim, damage or liability (or action in respect thereof) relates. If, however, the allocation provided by the immediately preceding sentence is not permitted by applicable law, then each indemnifying party shall contribute to such amount paid or payable by such indemnified party in such proportion as is appropriate to reflect not only such relative benefits but also the relative fault of the Company on the one hand and the Agent on the other in connection with the statements or omissions which resulted in such losses, claims, damages or liabilities (or actions in respect thereof), as well as any other

relevant equitable considerations. The relative benefits received by the Company on the one hand and the Agent 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 commissions received by the Agent. 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 on the one hand or the Agent on the other and the parties' relative intent, knowledge, access to information and opportunity to correct or prevent such statement or omission. The Company and the Agent agree that it would not be just and equitable if contribution pursuant to this subsection (d) were determined by pro rata allocation or by any other method of allocation which does not take account of the equitable considerations referred to above in this subsection (d). The amount paid or payable by an indemnified party as a result of the losses, claims, damages or liabilities (or actions in respect thereof) referred to above in this subsection (d) shall be deemed to include any legal or other expenses reasonably incurred by such indemnified party in connection with investigating or defending any such action or claim. Notwithstanding the provisions of this subsection (d), the Agent shall not be required to contribute any amount in excess of the amount by which the total compensation received by the Agent with respect to sales of the Shares sold by it to the public exceeds the amount of any damages which the Agent has 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 1933 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 7 shall be in addition to any liability which the Company may otherwise have and shall extend, upon the same terms and conditions, to the directors, officers, employees, attorneys and agents of the Agent and to each person, if any, who controls the Agent within the meaning of the 1933 Act and each broker dealer affiliate of the Agent; and the obligations of the Agent under this Section 7 shall be in addition to any liability which the Agent may otherwise have and shall extend, upon the same terms and conditions, to each director, officer, employee, attorney and agent of the Company and to each person, if any, who controls the Company within the meaning of the 1933 Act.

Section 8. Representations, Warranties and Agreements to Survive Delivery. The respective indemnities, agreements, representations, warranties and other statements of the Company and the Agent, as set forth in this Agreement, shall remain in full force and effect, regardless of any investigation (or any statement as to the results thereof) made by or on behalf of the Agent or any controlling person of the Agent, or the Company, or any officer or director or controlling person of the Company, and shall survive delivery of and payment for the Shares.

Section 9. No Advisory or Fiduciary Relationship. The Company acknowledges and agrees that (i) the Agent is acting solely in the capacity of an arm's length contractual counterparty to the Company with respect to the offering of Shares contemplated hereby (including in connection with determining the terms of such offering) and (ii) the Agent has not assumed an advisory or fiduciary responsibility in favor of the Company with respect to the offering contemplated hereby or the process leading thereto (irrespective of whether the Agent has advised or is currently advising the Company on other matters) or any other obligation to the Company except the obligations expressly set forth in this Agreement and (iii) the Company has consulted its own legal and financial advisors to the extent it deemed appropriate. The Company agrees that it will not claim that the Agent has rendered advisory services of any nature or respect, or owe a fiduciary or similar duty to the Company, in connection with such transaction or the process leading thereto.

Section 10. Termination.

(a) The Company shall have the right, by giving written notice as hereinafter specified, to terminate this Agreement in its sole discretion at any time. Any such termination shall be without liability of any party to any other party, except that, with respect to any pending sale through the Agent for the Company, the obligations of the Company, including in respect of compensation of the Agent, shall remain in full force and effect notwithstanding such termination.

(b) The Agent shall have the right, by giving written notice as hereinafter specified, to terminate this Agreement in its sole discretion at any time.

(c) Unless earlier terminated pursuant to this Section 10, this Agreement shall automatically terminate upon the issuance and sale of all of the Shares by Stifel Nicolaus on the terms and subject to the conditions set forth herein

(d) This Agreement shall remain in full force and effect until and unless terminated pursuant to Section 10(a), (b) or (c) above or otherwise by mutual agreement of the parties; provided that any such termination shall in all cases be deemed to provide that Section 1, Section 5, Section 7, Section 8, Section 14 and Section 15 of this Agreement shall remain in full force and effect.

(e) Any termination of this Agreement shall be effective on the date specified in such notice of termination. If such termination shall occur prior to the Settlement Date for any sale of Shares made hereunder, such sale shall settle in accordance with the provisions of Section 2(h) hereof.

(f) In the case of any purchase by the Agent pursuant to a Terms Agreement, the Agent may terminate this Agreement at any time at or prior to the Settlement Date (i) if there has been, since the time of execution of this Agreement or since the respective dates as of which information is provided in the General Disclosure Package or the Prospectus, any Material Adverse Effect, or (ii) if there has occurred any material adverse change in the financial markets in the United States, any outbreak of hostilities or escalation thereof or other calamity or crisis or any material adverse change in national or international political, financial or economic conditions, in each case the effect of which is such as to make it, in the reasonable judgment of the Agent, impracticable or inadvisable to market the Shares or to enforce contracts for the sale of Shares, or (iii) if trading in any securities of the Company has been suspended or materially limited by the Commission or NASDAQ, or if trading generally on the NYSE or NASDAQ has been suspended or materially limited, or minimum or maximum prices for trading have been fixed, or maximum ranges for prices have been required, by any of said exchanges or by such system or by order of the Commission, FINRA or any other governmental authority, or (iv) a material disruption has occurred in commercial banking or securities settlement or clearance services in the United States, or (v) if a banking moratorium has been declared by either Federal or New York authorities.

Section 11. Notices. All statements, requests, notices and agreements hereunder shall be in writing, and if to Stifel Nicolaus shall be delivered or sent by mail, electronic mail, telex or facsimile transmission to:

Stifel, Nicolaus & Company, Incorporated
One South Street, 15th Floor
Baltimore, Maryland 21202
Fax No. (443) 224-1273
Attention: Syndicate Department

With a copy to:

Duane Morris LLP
One Riverfront Plaza
1037 Raymond Boulevard, Suite 1800
Newark, New Jersey 07102-5429
Attention: James T. Seery
Email: jtseery@duanemorris.com

and if to the Company to:

Endologix, Inc.
2 Musick
Irvine, California 92618
Attention: Chief Financial Officer
Email: vmahboob@endologix.com

With a copy to:

Stradling Yocca Carlson & Rauth, P.C.
660 Newport Center Drive, Suite 1600
Newport Beach, California 92660
Attention: Ryan C. Wilkins, Esq.
Email: rwilkins@sycr.com

Any such statements, requests, notices or agreements shall be deemed delivered upon receipt thereof.

Section 12. Parties. This Agreement shall be binding upon, and inure solely to the benefit of, the Agent and the Company and, to the extent provided in Sections 7 and 8 hereof, the officers, directors, employees, attorneys and agents of the Company and the Agent and each person who controls the Company or the Agent, and their respective heirs, executors, administrators, successors and assigns, and no other person shall acquire or have any right under or by virtue of this Agreement. No purchaser of Shares through the Agent shall be deemed a successor or assign by reason merely of such purchase.

Section 13. Time of the Essence. Time shall be of the essence of this Agreement. As used herein, the term “business day” shall mean any day when the Commission’s office in Washington, D.C. is open for business.

Section 14. Waiver of Jury Trial. The Company and the Agent hereby irrevocably waive, to the fullest extent permitted by applicable law, any and all right to jury trial by jury in any legal proceeding arising out of or relating to this Agreement or the transactions contemplated hereby.

Section 15. Governing Law. THIS AGREEMENT SHALL BE GOVERNED BY AND CONSTRUED IN ACCORDANCE WITH THE LAWS OF THE STATE OF NEW YORK WITHOUT REFERENCE TO ITS PRINCIPLES OF CONFLICTS OF LAW.

Section 16. Counterparts. This Agreement (and any applicable Terms Agreement) may be executed by any one or more of the parties hereto and thereto in any number of counterparts, each of which shall be deemed to be an original, but all such respective counterparts shall together constitute one and the same instrument. This Agreement (and any applicable Terms Agreement) may be delivered by any party by facsimile, electronic mail or other electronic transmission.

Section 17. Severability. The invalidity or unenforceability of any Section, paragraph or provision of this Agreement shall not affect the validity or enforceability of any other Section, paragraph or provision hereof. If any Section, paragraph or provision of this Agreement is for any reason determined to be invalid or unenforceable, there shall be deemed to be made such minor changes (and only such minor changes) as are necessary to make it valid and enforceable.

If the foregoing is in accordance with your understanding of our agreement, please sign and return to the Company a counterpart hereof, whereupon this instrument, along with all counterparts, will become a binding agreement between the Agent and the Company in accordance with its terms.

Very truly yours,

ENDOLOGIX, INC.

By: /s/ John Onopchenko

Name: John Onopchenko

Title: Chief Executive Officer

Accepted as of the date hereof:

STIFEL, NICOLAUS & COMPANY, INCORPORATED

By: /s/ Adam T. Kohn

Name: Adam T. Kohn

Title: Managing Director

[Signature Page to At-The-Market Equity Offering Sales Agreement]

Schedule 1

Subsidiaries

Nellix, Inc. (Delaware)
Endologix International Holdings B.V. (The Netherlands)
TriVascular, Inc. (California)

Schedule 1

Schedule 2

Notice Parties

Company

Vaseem Mahboob
Jeremy Hayden
Tim Brady

vmahboob@endologix.com
jhayden@endologix.com
tbrady@endologix.com

Stifel Nicolaus

Daniel Covatta
Mark White

dcovatta@stifel.com
whitem@stifel.com

Schedule 2

ENDOLOGIX, INC.

Common Stock
(\$0.001 par value per share)**TERMS AGREEMENT**STIFEL, NICOLAUS & COMPANY, INCORPORATED
One South Street, 15th Floor
Baltimore, MD 21202
Attn: Syndicate Department

Ladies and Gentlemen:

Endologix, Inc., a Delaware corporation (the “Company”), proposes, subject to the terms and conditions stated herein and in the At-the-Market Equity Offering Sales Agreement, dated May 31, 2018 (the “Sales Agreement”), between the Company and Stifel, Nicolaus & Company, Incorporated (the “Agent”), to issue and sell to the Agent the securities specified on the Schedule hereto (the “Purchased Securities”) [and solely for the purpose of covering over-allotments, to grant to the Agent the option to purchase the additional securities specified on the Schedule hereto (the “Additional Securities”)]*.

[The Agent shall have the right to purchase from the Company all or a portion of the Additional Securities as may be necessary to cover over-allotments made in connection with the offering of the Purchased Securities, at the same purchase price per share to be paid by the Agent to the Company for the Purchased Securities. This option may be exercised by the Agent at any time (but not more than once) on or before the thirtieth day following the date hereof, by written notice to the Company. Such notice shall set forth the aggregate number of shares of Additional Securities as to which the option is being exercised, and the date and time when the Additional Securities are to be delivered (such date and time being herein referred to as the “Option Closing Date”); provided, however, that the Option Closing Date shall not be earlier than the Time of Delivery (as set forth in Schedule 1 hereto) nor earlier than the second business day after the date on which the option shall have been exercised nor later than the fifth business day after the date on which the option shall have been exercised. Payment of the purchase price for the Additional Securities shall be made at the Option Closing Date in the same manner and at the same office as the payment for the Purchased Securities.]*

Each of the provisions of the Sales Agreement not specifically related to the solicitation by the Agent, as agent of the Company, of offers to purchase securities is incorporated herein by reference in its entirety, and shall be deemed to be part of this Terms Agreement to the same extent as if such provisions had been set forth in full herein. Each of the representations and warranties set forth therein shall be deemed to have been made at and as of the date of this Terms Agreement [and] [,] the Applicable Time [and any Option Closing Date]*, except that each representation and warranty in Section 1 of the Sales Agreement which makes reference to the Prospectus (as therein defined) shall be deemed to be a representation and warranty as of the date of the Sales Agreement in relation to the Prospectus, and also a representation and warranty as of the date of this Terms Agreement (unless such representation or warranty specifies otherwise) [and] [,] the Settlement Date [and any Option Closing Date]* in relation to the Prospectus as amended and supplemented to relate to the Purchased Securities.

[An amendment to the Registration Statement (as defined in the Sales Agreement), or a supplement to the Prospectus, as the case may be, relating to the Purchased Securities [and the Additional Securities]*, in the form heretofore delivered to the Agent is now proposed to be filed with the Securities and Exchange Commission.]

Annex 1

Subject to the terms and conditions set forth herein and in the Sales Agreement which are incorporated herein by reference, the Company agrees to issue and sell to the Agent and the latter agrees to purchase from the Company the number of shares of the Purchased Securities at the time and place and at the purchase price set forth in the Schedule hereto.

If the foregoing is in accordance with your understanding of our agreement, please sign and return to the Company a counterpart hereof, whereupon this instrument, along with all counterparts, will become a binding agreement between the Agent and the Company in accordance with its terms.

Very truly yours,

ENDOLOGIX, INC.

By: _____

Name:

Title:

Accepted as of the date hereof:

STIFEL, NICOLAUS & COMPANY, INCORPORATED

By: _____

Name:

Title:

* Include these bracketed provisions only if the Agent has an over-allotment option.

Annex 1

Schedule 1

Purchased Securities



STRADLING YOCCA CARLSON & RAUTH, P.C.
660 NEWPORT CENTER DRIVE, SUITE 1600
NEWPORT BEACH, CA 92660-6422
SYCR.COM

CALIFORNIA
NEWPORT BEACH
SACRAMENTO
SAN DIEGO
SAN FRANCISCO
SANTA BARBARA
SANTA MONICA

COLORADO
DENVER

NEVADA
RENO

WASHINGTON
SEATTLE

May 31, 2018

Endologix, Inc.
2 Musick
Irvine, California 92618

Re: Endologix, Inc. - Registration Statement on Form S-3

Ladies and Gentlemen:

In connection with the registration statement on Form S-3 (the "**Registration Statement**") to be filed by Endologix, Inc., Inc., a Delaware corporation (the "**Company**"), with the Securities and Exchange Commission (the "**Commission**") on May 31, 2018 under the Securities Act of 1933, as amended (the "**Securities Act**"), you have requested our opinion with respect to the matters set forth below.

You have provided us with a draft of the Registration Statement in the form in which it will be filed, which includes the prospectus (the "**Prospectus**"). The Prospectus provides that it may be supplemented by one or more supplements to the Prospectus (each, a "**Prospectus Supplement**"). The Registration Statement, including the Prospectus, as supplemented by one or more Prospectus Supplements, will provide for the registration by the Company of up to \$100,000,000 initial aggregate offering price of (i) shares of common stock, par value \$0.001 per share (the "**Common Stock**"); (ii) shares of preferred stock, par value \$0.001 per share (the "**Preferred Stock**"); (iii) warrants to purchase shares of Common Stock and/or shares of Preferred Stock (the "**Warrants**"); and/or (vi) units comprised of one or more shares of Common Stock, shares of Preferred Stock and/or Warrants (the "**Units**"), or any combination of the foregoing, plus any additional Common Stock, Preferred Stock, Warrants and/or Units that may be registered pursuant to any subsequent registration statement that the Company may hereafter file with the Commission pursuant to Rule 462(b) under the Securities Act (collectively, the "**Securities**"). The Securities will be offered and sold, either individually or collectively, pursuant to one or more definitive purchase agreements, subscription agreements, underwriting agreements, indentures, warrant agreements, unit agreements or similar agreements (any such agreement, a "**Purchase Agreement**").

In our capacity as your counsel in connection with such registration, we are familiar with the proceedings taken and proposed to be taken by the Company in connection with the preparation and filing of the Registration Statement (including the Prospectus), the preparation and filing of the Prospectus Supplement(s), and the authorization, issuance and sale of the Securities. For the purposes of this opinion, with your consent, we have assumed that (i) at the time any Securities are sold pursuant to the Registration Statement (any such time, the "**Relevant Time**"), the Registration Statement and any supplements and amendments thereto (including any post-effective amendments) will be effective and will comply with all applicable laws; (ii) at the Relevant Time, one or more Prospectus Supplements will have been prepared and filed describing the Securities offered thereby and will comply with all applicable laws; (iii) at the time of execution, each of the parties to any Purchase Agreement other than the Company (a) will be duly organized, validly existing and in good standing under the laws of its jurisdiction of organization, (b) will have the requisite power and authority to execute, deliver and perform its obligations under each Purchase Agreement to which it is a party, and (c) will have duly authorized, executed and delivered each Purchase Agreement; and (iv) with respect to each of the parties to each Purchase Agreement (other than the Company), such Purchase Agreement to which it is a party will constitute its legally valid and binding agreement, enforceable against it in accordance with its terms.

In connection with the preparation of this opinion, we have examined such documents and considered such questions of law as we have deemed necessary or appropriate. We have assumed the authenticity of all documents submitted to us as originals, the conformity to originals of all documents submitted to us as copies thereof and the genuineness of all signatures.

We are opining herein as to the effect on the subject transaction only of the General Corporation Law of the State of Delaware, and we express no opinion with respect to the applicability thereto, or the effect thereon, of the laws of any other jurisdiction.

Subject to the foregoing and the other matters set forth herein, it is our opinion that as of the date hereof:

1. When the Registration Statement and any required post-effective amendments thereto have all become effective under the Securities Act and (i) any and all Prospectus Supplement(s) required by applicable laws have been delivered and filed as required by such laws; (ii) any applicable Purchase Agreement covering the offer and sale of the shares of Common Stock has been duly authorized, executed and delivered by the Company; (iii) the issuance and delivery of the shares of Common Stock have been duly authorized in accordance with applicable laws, including, without limitation, by the adoption of resolutions of the Board of Directors of the Company (the "**Board**") (or an authorized committee thereof); and (iv) payment of legal consideration for the shares of Common Stock, in the manner contemplated by the Registration Statement, the Prospectus, the related Prospectus Supplement(s), and any applicable Purchase Agreement, has been received by the Company, and assuming that (a) the terms of such shares of Common Stock, as issued and delivered, are materially consistent with the description thereof in the Registration Statement, the Prospectus, and the related Prospectus Supplement(s); (b) at the time of the issuance of such shares of Common Stock, the Company has a sufficient number of authorized but unissued shares of Common Stock under the Company's Amended and Restated Certificate of Incorporation (as such may be amended from time to time, the "**Certificate of Incorporation**"); (c) such shares of Common Stock, as issued and delivered, comply with all requirements and restrictions, if any, applicable to the Company, whether imposed by any court, governmental agency or regulatory body having jurisdiction over the Company or otherwise; (d) such shares of Common Stock are issued and sold as contemplated in the Registration Statement, the Prospectus, the related Prospectus Supplement(s), any applicable Purchase Agreement, and such resolutions of the Board (or of an authorized committee thereof), such shares of Common Stock, including any shares of Common Stock duly issued upon (1) the exchange or conversion of any shares of Preferred Stock that are exchangeable for or convertible into shares of Common Stock, or (2) the exercise of any Warrants that are exercisable for shares of Common Stock, will be validly issued, fully paid and nonassessable.

2. When the Registration Statement and any required post-effective amendments thereto have all become effective under the Securities Act and (i) any and all Prospectus Supplement(s) required by applicable laws have been delivered and filed as required by such laws; (ii) the applicable Purchase Agreement covering the offer and sale of the shares of Preferred Stock has been duly authorized, executed and delivered by the Company; (iii) the Board has duly established a series of Preferred Stock in accordance with the terms of the Certificate of Incorporation and applicable laws; (iv) the issuance and delivery of the shares of Preferred Stock have been duly authorized in accordance with applicable laws, including, without limitation, by the adoption of resolutions of the Board (or an authorized committee thereof); and (v) payment of legal consideration for the shares of Preferred Stock, in the manner contemplated by the Registration Statement, the Prospectus, the related Prospectus Supplement(s), and any applicable Purchase Agreement, has been received by the Company, and assuming that (a) the terms of such shares of Preferred Stock, as issued and delivered, are materially consistent with the description thereof in the Registration Statement, the Prospectus, and the related Prospectus Supplement(s); (b) at the time of the issuance of such shares of Preferred Stock, the Company has a sufficient number of authorized but unissued

shares of Preferred Stock under the Certificate of Incorporation; (c) such shares of Preferred Stock, as issued and delivered, comply with all requirements and restrictions, if any, applicable to the Company, whether imposed by any court, governmental agency or regulatory body having jurisdiction over the Company or otherwise; and (d) such shares of Preferred Stock are issued and sold as contemplated in the Registration Statement, the Prospectus, the related Prospectus Supplement(s), any applicable Purchase Agreement, and such resolutions of the Board (or of an authorized committee thereof), such shares of Preferred Stock, including any shares of Preferred Stock duly issued upon (1) the exchange or conversion of any shares of Preferred Stock that are exchangeable for or convertible into another series of Preferred Stock, or (2) the exercise of Warrants that are exercisable for shares of Preferred Stock, will be validly issued, fully paid and nonassessable.

3. When the Registration Statement and any required post-effective amendments thereto have all become effective under the Securities Act and (i) any and all Prospectus Supplement(s) required by applicable laws have been delivered and filed as required by such laws; (ii) the applicable Purchase Agreement covering the offer and sale of the Warrants has been duly authorized, executed and delivered by the Company; (iii) the Warrants have been duly established in accordance with the terms of the applicable Purchase Agreement; (iv) the issuance and delivery of the Warrants have been duly authorized in accordance with applicable laws including, without limitation, by the adoption of resolutions of the Board (or an authorized committee thereof); (v) the Warrants have been duly executed, authenticated and/or countersigned (as applicable) in accordance with the applicable Purchase Agreement; and (vi) payment of legal consideration for the Warrants (if any) in the manner contemplated by the Registration Statement, the Prospectus, the related Prospectus Supplement(s), and any applicable Purchase Agreement, has been received by the Company, and assuming that (a) the terms of the Warrants, as executed and delivered, are materially consistent with the description thereof in the Registration Statement, the Prospectus and the related Prospectus Supplement(s); (b) the Warrants, as executed and delivered, do not violate any law applicable to the Company or result in a default under or breach of any agreement or instrument then binding upon the Company; (c) the Warrants as executed and delivered comply with all requirements and restrictions, if any, applicable to the Company, whether imposed by any court, governmental agency or regulatory body having jurisdiction over the Company or otherwise; and (d) the Warrants are issued and sold as contemplated by the Registration Statement, the Prospectus and the related Prospectus Supplement(s), any applicable Purchase Agreement and such resolutions of the Board (or of an authorized committee thereof), such Warrants, including any Warrants issuable upon the exchange or conversion of any shares of Preferred Stock that are exchangeable for or convertible into Warrants, will constitute valid and binding obligations of the Company, enforceable against the Company in accordance with their terms.

4. When the Registration Statement and any required post-effective amendments thereto have all become effective under the Securities Act and (i) any and all Prospectus Supplement(s) required by applicable laws have been delivered and filed as required by such laws; (ii) the applicable Purchase Agreement covering the offer and sale of the Units has been duly authorized, executed and delivered by the Company; (iii) the Units have been duly established in accordance with the terms of the applicable Purchase Agreement; (iv) the issuance and delivery of the Units have been duly authorized in accordance with applicable laws including, without limitation, by the adoption of resolutions of the Board (or resolutions of an authorized committee thereof); (v) the Units have been duly executed, authenticated and/or countersigned (as applicable) in accordance with the Purchase Agreement relating to such Units; and (vi) payment of legal consideration for the Units, in the manner contemplated by the Registration Statement, the Prospectus, the related Prospectus Supplement(s), and any applicable Purchase Agreement, has been received by the Company, and assuming that (a) the terms of the Units, as executed and delivered, are materially consistent with the description thereof in the Registration Statement, the Prospectus and the related Prospectus Supplement(s); (b) the Units, as executed and delivered, do not violate any law applicable to the Company or result in a default under or breach of any agreement or instrument then binding upon the Company; (c) the Units as executed and delivered comply with all requirements and restrictions, if any, applicable to the Company, whether imposed by any court or governmental or regulatory body having jurisdiction over the Company

or otherwise; and (d) the Units are issued and sold as contemplated by the Registration Statement, the Prospectus and the related Prospectus Supplement(s), any applicable Purchase Agreement and such resolutions of the Board (or of an authorized committee thereof), such Units will constitute valid and binding obligations of the Company, enforceable against the Company in accordance with their terms.

The opinions set forth in Paragraphs 3 and 4 relating to the enforceability of the Warrants and Units, respectively, are subject to the following exceptions, limitations and qualifications: (i) the effect of bankruptcy, insolvency, reorganization, preference, fraudulent transfer, moratorium or other similar laws relating to or affecting the rights and remedies of creditors; (ii) the effect of general principles of equity, whether enforcement is considered in a proceeding in equity or at law (including the possible unavailability of specific performance or injunctive relief), concepts of materiality, reasonableness, good faith and fair dealing, and the discretion of the court before which any proceeding therefor may be brought; (iii) the unenforceability under certain circumstances under law or court decisions of provisions providing for the indemnification of, or contribution to, a party with respect to a liability where such indemnification or contribution is contrary to public policy; and (iv) the unenforceability of any provision requiring the payment of attorneys' fees, where such payment is contrary to law or public policy.

This opinion is for your benefit in connection with the Registration Statement, and may be relied upon by you and by persons entitled by law to rely upon it pursuant to the applicable provisions of the U.S. federal securities laws. We hereby consent to the use of this opinion as Exhibit 5.1 to the Registration Statement, and further consent to the use of our name under the caption "Legal Matters" in the Prospectus which is part of the Registration Statement. In giving such consent, we do not hereby 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 thereunder.

This opinion is rendered as of the date hereof and based solely on our understanding of facts in existence as of such date after the examination described in this opinion. We assume no obligation to advise you of any fact, circumstance, event or change in the law or the facts that may hereafter be brought to our attention whether or not such occurrence would affect or modify the opinions expressed herein.

Very truly yours,

STRADLING YOCCA CARLSON & RAUTH, P.C.

/s/ STRADLING YOCCA CARLSON & RAUTH, P.C.



STRADLING YOCCA CARLSON & RAUTH, P.C.
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SANTA MONICA

COLORADO
DENVER

NEVADA
RENO

WASHINGTON
SEATTLE

May 31, 2018

Endologix, Inc.
2 Musick
Irvine, California 92618

Re: Endologix, Inc. - Registration Statement on Form S-3

Ladies and Gentlemen:

In connection with the registration statement on Form S-3 (the "**Registration Statement**") to be filed by Endologix, Inc., Inc., a Delaware corporation (the "**Company**"), with the Securities and Exchange Commission (the "**Commission**") on May 31, 2018 under the Securities Act of 1933, as amended (the "**Securities Act**"), you have requested our opinion with respect to the matters set forth below.

You have provided us with a draft of the Registration Statement in the form in which it will be filed, which includes the prospectus (the "**Prospectus**"). The Prospectus provides that it may be supplemented by one or more supplements to the Prospectus (each, a "**Prospectus Supplement**"). We have rendered a separate opinion in connection with certain matters relating to the Registration Statement, which is being filed as Exhibit 5.1 thereto.

You have requested our supplemental opinion with respect to certain matters in connection with the proposed offer and sale by the Company of an aggregate of up to \$50,000,000 of shares (the "**Shares**") of the Company's common stock, par value \$0.001 per share (the "**Common Stock**"), pursuant to the Registration Statement, the Prospectus and a Prospectus Supplement relating to the offer and sale of the Shares (the Prospectus and the Prospectus Supplement shall collectively be referred to as the "**Sales Prospectus**"). We understand that the Shares are proposed to be offered and sold by the Company through Stifel, Nicolaus & Company, Incorporated, as sales agent (the "**Agent**"), pursuant to that certain At-The-Market Equity Offering Sales Agreement, dated as of May 31, 2018, by and between the Sales Agent and the Company (the "**Sales Agreement**").

In our capacity as your counsel in connection with such registration, we are familiar with the proceedings taken and proposed to be taken by the Company in connection with the preparation and filing of the Registration Statement, the preparation and filing of the Sales Prospectus, the negotiation and execution of the Sales Agreement, and the authorization, issuance and sale of the Shares.

In connection with the preparation of this supplemental opinion, we have examined such documents and considered such questions of law as we have deemed necessary or appropriate. We have assumed the authenticity of all documents submitted to us as originals, the conformity to originals of all documents submitted to us as copies thereof and the genuineness of all signatures.

Based on the foregoing, we are of the opinion that the Shares have been duly authorized and, when issued and sold in the manner described in the Registration Statement, the Sales Prospectus and the Sales Agreement, will be validly issued, fully paid and non-assessable.

We are opining herein as to the effect on the subject transaction only of the General Corporation Law of the State of Delaware, and we express no opinion with respect to the applicability thereto, or the effect thereon, of the laws of any other jurisdiction.

This supplemental opinion is for your benefit in connection with the offer and sale of the Shares pursuant to the Registration Statement and may be relied upon by you and by persons entitled by law to rely upon it pursuant to the applicable provisions of the U.S. federal securities laws. We hereby consent to the use of this opinion as Exhibit 5.2 to the Registration Statement, and further consent to the use of our name under the caption “Legal Matters” in the Sales Prospectus which is part of the Registration Statement. In giving such consent, we do not hereby 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 thereunder.

This opinion is rendered as of the date hereof and based solely on our understanding of facts in existence as of such date after the examination described in this supplemental opinion. We assume no obligation to advise you of any fact, circumstance, event or change in the law or the facts that may hereafter be brought to our attention whether or not such occurrence would affect or modify the opinions expressed herein.

Very truly yours,

STRADLING YOCCA CARLSON & RAUTH, P.C.

/s/ STRADLING YOCCA CARLSON & RAUTH, P.C.

Consent of Independent Registered Public Accounting Firm

The Board of Directors
Endologix, Inc.:

We consent to the use of our reports with respect to the consolidated financial statements, the related consolidated financial statement schedule and the effectiveness of internal control over financial reporting, incorporated by reference herein and to the reference to our firm under the heading "Experts" in the prospectus.

/s/ KPMG LLP

Irvine, California
May 30, 2018