

Corium International, Inc.
Form 424B5
December 30, 2015

Use these links to rapidly review the document

[TABLE OF CONTENTS](#)

[TABLE OF CONTENTS](#)

[Table of Contents](#)

**Filed Pursuant to Rule 424(b)(5)
Registration No. 333-204025**

PROSPECTUS SUPPLEMENT
(To Prospectus dated May 21, 2015)

Corium International, Inc.

Up to \$20,000,000 of Shares Common Stock

We have entered into a Controlled Equity OfferingSM Sales Agreement, or Sales Agreement, with Cantor Fitzgerald & Co., or Cantor Fitzgerald, relating to shares of our common stock offered by this prospectus supplement and the accompanying prospectus. The Sales Agreement with Cantor Fitzgerald is limited to the sale of up to a number of shares of our common stock with aggregate sales proceeds not to exceed \$20.0 million.

Our common stock is listed on The Nasdaq Global Market, or Nasdaq, under the symbol "CORI." On December 29, 2015, the last reported sale price of our common stock on Nasdaq was \$8.17 per share.

We are an "emerging growth company" as defined in the Jumpstart Our Business Startups Act of 2012 and, as such, we may have elected to comply with certain reduced public company reporting requirements.

Sales of our common stock, if any, under this prospectus supplement and the accompanying prospectus may be made in sales deemed to be "at-the-market" equity offerings as defined in Rule 415 promulgated under the Securities Act of 1933, as amended, or the Securities Act, including sales made directly on or through Nasdaq, on any other existing trading market for our common stock, to or through a market maker, in negotiated transactions at market prices prevailing at the time of sale or at prices related to such prevailing market prices, and/or any other method permitted by law. Cantor Fitzgerald will act as a sales agent using commercially reasonable efforts consistent with its normal trading and sales practices, on mutually agreed terms between Cantor Fitzgerald and us. There is no arrangement for funds to be received in any escrow, trust or similar arrangement.

The compensation payable to Cantor Fitzgerald for sales of common stock sold pursuant to the Sales Agreement will be an amount equal to 3.0% of the gross proceeds of the sales price per share. In connection with the sale of our common stock on our behalf, Cantor Fitzgerald may be deemed to be an "underwriter" within the meaning of the Securities Act and the compensation payable to Cantor Fitzgerald may be deemed to be underwriting commissions or discounts. We have also agreed to provide indemnification and contribution to Cantor Fitzgerald with respect to certain liabilities, including liabilities under the Securities Act.

An investment in our common stock involves a high degree of risk. Before you make an investment decision, you should carefully consider all of the information set forth in this prospectus supplement and the accompanying prospectus and the documents incorporated by reference herein and therein, including the information under the heading "Risk Factors" beginning on page S-6 of this prospectus supplement and in the documents incorporated by reference herein.

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

Prospectus Supplement dated December 30, 2015

Table of Contents

TABLE OF CONTENTS

PROSPECTUS SUPPLEMENT

| | |
|--|-------------|
| <u>ABOUT THIS PROSPECTUS SUPPLEMENT</u> | <u>S-1</u> |
| <u>PROSPECTUS SUPPLEMENT SUMMARY</u> | <u>S-2</u> |
| <u>THE OFFERING</u> | <u>S-5</u> |
| <u>RISK FACTORS</u> | <u>S-6</u> |
| <u>FORWARD-LOOKING STATEMENTS</u> | <u>S-8</u> |
| <u>USE OF PROCEEDS</u> | <u>S-9</u> |
| <u>PRICE RANGE OF COMMON STOCK</u> | <u>S-10</u> |
| <u>DIVIDEND POLICY</u> | <u>S-11</u> |
| <u>DILUTION</u> | <u>S-12</u> |
| <u>PLAN OF DISTRIBUTION</u> | <u>S-14</u> |
| <u>LEGAL MATTERS</u> | <u>S-16</u> |
| <u>EXPERTS</u> | <u>S-16</u> |
| <u>WHERE YOU CAN FIND MORE INFORMATION</u> | <u>S-17</u> |
| <u>INCORPORATION OF INFORMATION BY REFERENCE</u> | <u>S-18</u> |
| PROSPECTUS | |

| | |
|--|-----------|
| <u>ABOUT THIS PROSPECTUS</u> | <u>1</u> |
| <u>PROSPECTUS SUMMARY</u> | <u>2</u> |
| <u>RATIO OF EARNINGS TO FIXED CHARGES</u> | <u>4</u> |
| <u>RISK FACTORS</u> | <u>5</u> |
| <u>FORWARD-LOOKING STATEMENTS</u> | <u>5</u> |
| <u>WHERE YOU CAN FIND MORE INFORMATION</u> | <u>6</u> |
| <u>INCORPORATION OF INFORMATION BY REFERENCE</u> | <u>6</u> |
| <u>USE OF PROCEEDS</u> | <u>8</u> |
| <u>PLAN OF DISTRIBUTION</u> | <u>9</u> |
| <u>DESCRIPTION OF CAPITAL STOCK</u> | <u>11</u> |
| <u>DESCRIPTION OF DEBT SECURITIES</u> | <u>15</u> |
| <u>DESCRIPTION OF WARRANTS</u> | <u>23</u> |
| <u>DESCRIPTION OF SUBSCRIPTION RIGHTS</u> | <u>25</u> |
| <u>DESCRIPTION OF UNITS</u> | <u>25</u> |
| <u>LEGAL MATTERS</u> | <u>25</u> |
| <u>EXPERTS</u> | <u>26</u> |

Table of Contents

ABOUT THIS PROSPECTUS SUPPLEMENT

This document is in two parts. The first part is the prospectus supplement, including the documents incorporated by reference herein, which describes the specific terms of this offering and also adds to and updates the information contained in the accompanying prospectus and the documents incorporated by reference herein and therein. The second part, the accompanying prospectus, including the documents incorporated by reference therein, provides more general information, some of which may not apply to this offering. Generally, when we refer to this prospectus, we are referring to both parts of this document combined. Before you invest, you should carefully read this prospectus supplement, the accompanying prospectus and the information incorporated by reference herein and therein, as well as the additional information described in this prospectus supplement under "Where You Can Find Additional Information." This prospectus supplement may add, update or change information contained in the accompanying prospectus. To the extent that any statement we make in this prospectus supplement is inconsistent with statements made in the accompanying prospectus or any documents incorporated by reference therein, the statements made in this prospectus supplement will be deemed to modify or supersede those made in the accompanying prospectus and such documents incorporated by reference therein. However, if any statement in one of these documents is inconsistent with a statement in another document with a later date that is incorporated by reference herein, the statement in the document having the later date modifies and supersedes the earlier statement.

You should rely only on the information contained or incorporated by reference in this prospectus supplement, the accompanying prospectus and in any free writing prospectuses that we authorize to be distributed to you in connection with this offering. Neither we nor Cantor Fitzgerald have authorized any other person to provide you with any information or make any representation that is different. If different information is given or different representations are made, you may not rely on that information or those representations as having been authorized by us or Cantor Fitzgerald. You should assume that the information appearing in this prospectus supplement, the accompanying prospectus, the documents incorporated by reference in this prospectus supplement and the accompanying prospectus, and any free writing prospectus is accurate only as of the date of those respective documents. Our business, financial condition, results of operations and prospects may have changed since those dates. We are offering to sell, and seeking offers to buy, shares of our common stock only in jurisdictions where offers and sales are permitted. The distribution of this prospectus supplement and the offering of the common stock in certain jurisdictions may be restricted by law. Persons outside the United States who come into possession of this prospectus supplement must inform themselves about, and observe any restrictions relating to, the offering of the common stock and the distribution of this prospectus supplement outside the United States. This prospectus supplement does not constitute, and may not be used in connection with, an offer to sell, or a solicitation of an offer to buy, any securities offered by this prospectus supplement by any person in any jurisdiction in which it is unlawful for such person to make such an offer or solicitation.

This prospectus supplement, the accompanying prospectus and the documents incorporated by reference herein and therein include trademarks, service marks and trade names owned by us or other companies. All trademarks, service marks and trade names included or incorporated by reference into this prospectus supplement or the accompanying prospectus are the property of their respective owners.

In this prospectus supplement and accompanying prospectus, unless the context otherwise requires, the terms "Corium," the "Company," "we," "us," and "our" refer to Corium International, Inc., a Delaware corporation.

Table of Contents

PROSPECTUS SUPPLEMENT SUMMARY

This summary highlights selected information about us, this offering and information appearing elsewhere in this prospectus supplement, in the accompanying prospectus and in the documents incorporated by reference herein and therein. This summary is not complete and does not contain all the information you should consider before you invest in our common stock pursuant to this prospectus supplement and the accompanying prospectus. Before making an investment decision, to fully understand this offering and its consequences to you, you should carefully read this entire prospectus supplement, the accompanying prospectus and the information incorporated by reference, including "Risk Factors," the financial statements, and related notes, and the other information that we incorporate by reference herein and therein.

Company Overview

We are a commercial stage biopharmaceutical company focused on the development, manufacture and commercialization of specialty pharmaceutical products that leverage our broad experience in transdermal and transmucosal delivery systems. Together with our partners, we have successfully developed seven marketed products in the prescription drug and consumer markets, and we are the sole commercial supplier of each of those products for our marketing partners. We use our novel transdermal and transmucosal approaches to bring new products to markets that present significant opportunities. Our development platforms enable transdermal delivery of large molecules, or biologics, including vaccines, peptides and proteins, as well as small molecules that are otherwise difficult to deliver in a transdermal dosage form. Our pipeline includes two partnered products that are the subject of applications for approval by the U.S. Food and Drug Administration, or the FDA. In addition, we have several partner- and self-funded programs at earlier stages.

Transdermal drug delivery is the transport of drugs through the skin for absorption into the body. We have developed two proprietary technology platforms, Corplex and MicroCor®, that we believe offer significant competitive advantages over existing transdermal approaches. Corplex and MicroCor are designed to be adapted broadly for use in multiple drug categories and indications. We use our Corplex technology to create advanced transdermal and transmucosal systems for small molecules that utilize less of the active ingredient while achieving the same or better therapeutic effect, that can deliver an active ingredient over a more prolonged period of time, resulting in less frequent dosing, that can adhere well to either wet or dry surfaces, and that can hold additional ingredients required to aid the diffusion of low-solubility molecules through the skin without losing adhesion. Our MicroCor technology is a biodegradable microstructure system currently in development that enables the painless and convenient delivery of biologics that otherwise must be delivered via injection. Our biodegradable microstructures integrate drug molecules and a biocompatible polymer. With slight external pressure, the microstructures penetrate the outer layers of the skin and dissolve to release the drug for local or systemic absorption. MicroCor is designed to expand the market for transdermal delivery of biologics, which cannot currently be delivered by other FDA-approved transdermal technologies.

We have built significant know-how and experience in the development, scale-up and manufacture of complex specialty products, and have formed relationships with our partners that include both the development of new product formulations and our manufacture of the resulting products. All of our current products are distributed, promoted and marketed by our partners. Our partners include The Procter & Gamble Company, or P&G, Par Pharmaceutical, Inc., or Par, Teva Pharmaceuticals USA, Inc., or Teva, Agile Therapeutics, Inc., or Agile, and Aequus Pharmaceuticals, Inc., or Aequus, as well as several other multinational pharmaceutical companies. Most of these entities have substantially greater financial and operating resources than we do, including global operations. We have never had, nor do we currently have, our own sales force or marketing capabilities. We do not control the market prices that our marketing partners set for our products and, consequently, we do not control the market shares or rates of adoption for our current products.

Table of Contents

The following table identifies: (1) products we have developed that are marketed by our partners, (2) products we have developed with our partners that are in clinical trials and that our partners have permitted us to disclose, (3) products in our proprietary pipeline, and (4) products currently awaiting FDA approval.

| Partner | Product/Candidate | Application | Status |
|-------------|--------------------------------|------------------------|--------------------|
| Teva | Clonidine TDS | Hypertension | Marketed |
| Par | Fentanyl TDS | Pain | Marketed |
| P&G | Crest Whitestrips (5 Products) | Teeth Whitening | Marketed |
| Agile | Twirla | Contraception | Phase 3 |
| Self-funded | MicroCor hPTH(1-34) | Osteoporosis | Phase 2a Completed |
| Self-funded | Donepezil TDS | Alzheimer's | Phase 1 |
| Self-funded | Memantine TDS | Alzheimer's | Phase 1 |
| Aequus | Aripiprazole TDS | Neurological Disorders | Entering Phase 1 |
| Self-funded | Ropinirole TDS | Parkinson's | Preclinical |
| Self-funded | MicroCor Fentanyl | Breakthrough Pain | Feasibility |
| Self-funded | MicroCor Zolmitriptan | Migraine | Feasibility |
| Teva | ANDA | Motion Sickness | ANDA Filed |

In addition to commercialized products, we have a number of products in late stages of development. The most advanced clinical stage product in our pipeline is Twirla®, also referred to as AG200-15, which is in Phase 3 development by our partner Agile. Twirla is a combination hormonal contraceptive patch designed to deliver two hormones, ethinyl estradiol and levonorgestrel, at levels comparable to low-dose oral contraceptives, through the skin in an easy-to-use format over seven days. Agile has filed a New Drug Application, or NDA, for approval of this product by the FDA, which is required before marketing a new drug in the United States. The FDA has indicated that Agile's NDA was not sufficient for approval as originally submitted. Agile is conducting a confirmatory Phase 3 clinical trial based on this guidance, and intends to submit the results of the additional Phase 3 clinical trial to the FDA.

We are developing several additional products utilizing our proprietary technologies that we advanced into human clinical trials during calendar 2015. In February 2015, we commenced Phase 2a trials for MicroCor hPTH(1-34), which utilizes our MicroCor technology to deliver parathyroid hormone, a peptide for treating osteoporosis that is currently available only in an injectable form that requires refrigeration. The interim, topline results of that successful study were reported in July 2015. Our programs in Alzheimer's and Parkinson's diseases have advanced into in vivo pharmacokinetic testing. We are actively pursuing two product candidates for the transdermal treatment of Alzheimer's disease, incorporating donepezil and memantine, two of the drugs already approved by the FDA for the treatment of Alzheimer's disease. The donepezil and memantine candidates entered into Phase 1 clinical trials in the fourth fiscal quarter of 2015. Additionally, we are pursuing a program for the transdermal treatment of Parkinson's disease, also incorporating a drug already approved by the FDA, ropinirole, and this product candidate will be ready to advance into human clinical trials in the next calendar year. We have decided to reallocate capital from our Tamsulosin transdermal delivery systems, or TDS, development program for benign prostatic hyperplasia to our Alzheimer's and Parkinson's disease programs, with any further investment in Tamsulosin TDS to be dependent on potential partnering activities.

In April 2015, we entered into an agreement with Aequus to develop new transdermal products with an initial focus on neurological disorders. The initial project under this collaboration is a multi-day transdermal formulation of aripiprazole, a drug already approved by the FDA for the treatment of a variety of conditions, including Schizophrenia, Major Depressive Disorder, Bipolar 1 Disorder and irritability associated with Autistic Disorder in pediatric patients. Aequus initiated a Phase 1 clinical

Table of Contents

trial for this product in the fourth calendar quarter of 2015. We also have ongoing feasibility agreements with several pharmaceutical and biotechnology companies involving our MicroCor technology, and are currently in active discussions with other parties for additional feasibility projects.

Corporate Information

We are incorporated in Delaware, our principal executive offices are located at 235 Constitution Drive, Menlo Park, CA 94025, and our telephone number is (650) 298-8255. We have research and development operations and corporate offices in Menlo Park, California and pilot-scale and commercial-scale manufacturing facilities in Grand Rapids, Michigan.

Table of Contents

THE OFFERING

| | |
|--|--|
| Common stock offered by us | Shares of our common stock having an aggregate offering price of up to \$20.0 million. |
| Common stock to be outstanding after this offering | 24,608,971 shares, assuming that an aggregate of 2,447,980 shares of our common stock are sold in this offering at an assumed offering price of \$8.17 per share, the last reported sale price of our common stock on Nasdaq on December 29, 2015. The actual number of shares issued will vary depending on the sales price in this offering. |
| Manner of offering | "At-the-market" offering that may be made from time to time through our sales agent, Cantor Fitzgerald. See "Plan of Distribution." |
| Use of proceeds | We currently intend to use the net proceeds, if any, from this offering for general corporate purposes, which may include funding research and development, increasing our working capital, reducing indebtedness, acquisitions or investments in businesses, products or technologies that are complementary to our own, and capital expenditures. See "Use of Proceeds." |
| Risk factors | See "Risk Factors" for a discussion of factors that you should read and consider before you invest in our securities. |
| NASDAQ Global Market symbol | CORI |

The number of shares of our common stock to be outstanding immediately after this offering as shown above is based on 22,160,991 shares of common stock outstanding as of September 30, 2015 and excludes:

2,914,977 shares of common stock issuable upon exercise of outstanding options as of September 30, 2015, with a weighted-average exercise price of \$4.04 per share;

593,200 shares of common stock issuable upon exercise of outstanding options granted after September 30, 2015, with a weighted-average exercise price of \$7.81 per share;

30,000 shares of common stock issuable upon settlement of restricted stock units granted after September 30, 2015;

51,386 shares of common stock issuable upon the exercise of outstanding warrants as of September 30, 2015, with a weighted-average exercise price of \$9.26 per share;

830,396 shares of common stock reserved for future issuance under our 2014 Equity Incentive Plan as of September 30, 2015; and

372,529 shares of common stock reserved for future issuance under our 2014 Employee Stock Purchase Plan as of September 30, 2015.

Except as otherwise indicated, all information in this prospectus supplement assumes no exercise or settlement of the outstanding options, restricted stock units, warrants or other equity awards described above.

Table of Contents

RISK FACTORS

An investment in our securities involves a high degree of risk. Prior to making a decision about investing in our securities, you should carefully consider the risk factors described below together with all of the risks, uncertainties and assumptions discussed under Part I, Item 1A, "Risk Factors," in our Annual Report on Form 10-K for the year ended September 30, 2015, which is incorporated herein by reference, and may be amended, supplemented or superseded from time to time by other reports we file with the SEC in the future. The occurrence of any of the events or developments described in the risk factors incorporated herein by reference or set forth below could have a material adverse effect on our business, financial condition, results of operations and prospects. As a result, you could lose some or all of your investment in our common stock. 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, operations and financial condition, or cause the value of our common stock to decline.

Risks Related to This Offering

Our management will have broad discretion as to the use of proceeds from this offering and we may not use the proceeds effectively.

Our management will have broad discretion in the application of the net proceeds from this offering and could spend the proceeds in ways that do not improve our results of operations or enhance the value of our common stock. You will be relying on the judgment of our management concerning these uses and you will not have the opportunity, as part of your investment decision, to assess whether the proceeds are being used appropriately. The failure of our management to apply these funds effectively could result in unfavorable returns and uncertainty about our prospects, each of which could cause the price of our common stock to decline.

If you purchase shares of common stock sold in this offering, you may experience immediate and substantial dilution in your investment. You also may experience further dilution if we issue additional equity securities in the future.

The offering price per share of our common stock in this offering may exceed the net tangible book value per share of our common stock outstanding prior to this offering. Assuming that an aggregate of 2,447,980 shares of our common stock are sold at an assumed offering price of \$8.17 per share, the last reported sale price of our common stock on Nasdaq on December 29, 2015, for aggregate gross proceeds of \$20.0 million, and after deducting commissions and estimated aggregate offering expenses payable by us, you would experience immediate dilution of \$6.24 per share, representing the difference between our as adjusted net tangible book value per share as of September 30, 2015 after giving effect to this offering and the assumed offering price. See "Dilution" for a more detailed discussion of the dilution you may incur if you purchase shares of common stock in this offering.

In addition, we have a significant number of stock options and warrants outstanding, and may also choose to issue additional common stock, or securities convertible into or exchangeable for common stock, in the future. In the event that the outstanding options or warrants are exercised, or that we make additional issuances of common stock or other convertible or exchangeable securities, you could experience additional dilution. Furthermore, we cannot assure you that we will be able to issue shares or other securities in any other offering at a price per share that is equal to or greater than the price per share paid by investors in this offering, and investors purchasing our securities in the future may have rights superior to investors purchasing shares in this offering.

Table of Contents

Future sales of a substantial number of shares of our common stock by our existing securityholders could cause our stock price to decline.

The market price of our common stock could decline as a result of sales of substantial amounts of our common stock in the public market after the closing of this offering, or the perception that these sales could occur. For example, on December 30, 2015, we filed a registration statement on Form S-3 to register for resale 9,353,304 shares of our common stock, or approximately 42% of our total outstanding shares of common stock as of September 30, 2015. As a result, when such registration statement is declared effective by the SEC, such shares will be freely tradable without restriction under the Securities Act. In addition, we have a significant number of stock options and warrants outstanding. If a substantial number of shares of common stock underlying these options and warrants are sold, or if it is perceived that they will be sold, in the public market, the trading price of our common stock could decline.

The actual number of shares we will issue under the Sales Agreement and the price at which the shares are sold, at any one time or in total, is uncertain.

Subject to certain limitations in the Sales Agreement and compliance with applicable law, we have the discretion to deliver a placement notice to Cantor Fitzgerald at any time throughout the term of the Sales Agreement. The number of shares that are sold by Cantor Fitzgerald after delivering a sales notice will fluctuate based on the market price of our common stock during the sales period and limits we set with Cantor Fitzgerald and, as a result, it is not possible at this stage to predict the number of shares that will be ultimately issued.

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 outcomes in their investment results. We will have discretion, subject to market demand, to vary the timing, prices, and numbers of shares sold, and there is no minimum or maximum sales price. Investors may experience a decline in the value of their shares as a result of share sales made at prices lower than the prices they paid.

Table of Contents

FORWARD-LOOKING STATEMENTS

This prospectus supplement, the accompanying prospectus and the documents incorporated by reference herein and therein contain "forward-looking statements" within the meaning of the Private Securities Litigation Reform Act of 1995. These forward-looking statements involve a number of risks and uncertainties. We caution readers that any forward-looking statement is not a guarantee of future performance and that actual results could differ materially from those contained in the forward-looking statement. These statements are based on current expectations of future events. Such statements include, but are not limited to, statements about future financial and operating results, plans, objectives, expectations and intentions, costs and expenses, interest rates, outcome of contingencies, financial condition, results of operations, liquidity, cost savings, objectives of management, business strategies, financing, potential growth and market opportunities, product pipeline, clinical trial timing and plans, clinical and regulatory pathways for our development programs, the achievement of clinical and commercial milestones, the advancement of our technologies and our proprietary, co-developed and partnered products and product candidates, and other statements that are not historical facts. You can find many of these statements by looking for words like "believes," "expects," "anticipates," "estimates," "may," "might," "should," "will," "could," "plan," "intend," "project," "seek" or similar expressions in this prospectus supplement, the accompanying prospectus and the documents incorporated by reference herein and therein. We intend that such forward-looking statements be subject to the safe harbors created thereby.

These forward-looking statements are based on the current beliefs and expectations of our management and are subject to significant risks and uncertainties. If underlying assumptions prove inaccurate or unknown risks or uncertainties materialize, actual results may differ materially from current expectations and projections. Factors that might cause such a difference include those discussed in Part I, Item 1A "Risk Factors" in our Annual Report on Form 10-K for the fiscal year ended September 30, 2015, as well as those discussed in this prospectus supplement, the accompanying prospectus and the documents incorporated by reference herein and therein. You are cautioned not to place undue reliance on these forward-looking statements, which speak only as of the date made.

All subsequent written or oral forward-looking statements attributable to us or any person acting on our behalf are expressly qualified in their entirety by the cautionary statements contained or referred to in this section. We do not undertake any obligation to release publicly any revisions to these forward-looking statements to reflect events or circumstances after the date of this prospectus supplement or to reflect the occurrence of unanticipated events, except as may be required under applicable U.S. securities law. If we do update one or more forward-looking statements, no inference should be drawn that we will make additional updates with respect to those or other forward-looking statements.

Table of Contents

USE OF PROCEEDS

We may issue, offer and sell shares of our common stock with aggregate sales proceeds of up to \$20.0 million from time to time. There is no minimum offering amount required as a condition to close this offering. As a result, the actual total public offering amount, commissions and proceeds to us, if any, are not determinable at this time. There can be no assurance that we will sell any shares under or fully utilize the Sales Agreement with Cantor Fitzgerald as a source of financing.

We currently intend to use the net proceeds, if any, from the sale of common stock in this offering for general corporate purposes, which may include funding research and development, increasing our working capital, reducing indebtedness, acquisitions or investments in businesses, products or technologies that are complementary to our own, and capital expenditures. As of the date of this prospectus supplement, we cannot specify with certainty any or all of the particular uses for the net proceeds to us from this offering. We also cannot estimate precisely the allocation of the net proceeds from this offering among these uses. The occurrence of unforeseen events or changed business conditions could result in the application of the net proceeds from this offering in a manner other than as described in this prospectus supplement. As a result, our management will retain broad discretion over the allocation of the net proceeds from this offering. Pending application of the net proceeds of sale of the common stock, we intend to invest the net proceeds of the sale in short-term, investment-grade, interest-bearing instruments.

Table of Contents**PRICE RANGE OF COMMON STOCK**

Our common stock has been listed on Nasdaq under the symbol "CORI" since our initial public offering in April 2014. The following table sets forth, for the periods indicated, the reported high and low closing sales prices per share of our common stock as reported by Nasdaq:

| | High | Low |
|--|-------------|------------|
| <i>Fiscal Year ended September 30, 2014</i> | | |
| Third Fiscal Quarter (beginning April 3, 2014) | \$ 8.19 | \$ 6.56 |
| Fourth Fiscal Quarter | \$ 7.88 | \$ 5.66 |
| <i>Fiscal Year ended September 30, 2015</i> | | |
| First Fiscal Quarter | \$ 7.85 | \$ 4.76 |
| Second Fiscal Quarter | \$ 7.26 | \$ 6.05 |
| Third Fiscal Quarter | \$ 14.65 | \$ 6.81 |
| Fourth Fiscal Quarter | \$ 16.10 | \$ 8.40 |
| <i>Fiscal Year ended September 30, 2016</i> | | |
| First Fiscal Quarter (through December 29, 2015) | \$ 10.01 | \$ 6.60 |

The last reported sale price for our common stock on December 29, 2015 was \$8.17 per share.

Table of Contents

DIVIDEND POLICY

We have never declared or paid cash dividends on our capital stock. We currently intend to retain any future earnings for use in the operation of our business and do not intend to declare or pay any cash dividends in the foreseeable future. Any further determination to pay dividends on our capital stock will be at the discretion of our board of directors, subject to applicable laws, and will depend on our financial condition, results of operations, capital requirements, general business conditions and other factors that our board of directors considers relevant. In addition, our term loan agreement with CRG, formerly Capital Royalty, restricts our ability to pay dividends.

S-11

Table of Contents

DILUTION

If you invest in our common stock, your interest will be diluted to the extent of the difference between the public offering price per share of our common stock and the as adjusted net tangible book value per share of our common stock immediately after this offering.

Our net tangible book value as of September 30, 2015 was approximately \$28.5 million, or \$1.29 per share. Net tangible book value per share is determined by dividing our total tangible assets, less total liabilities, by the number of shares of our common stock outstanding. Dilution with respect to net tangible book value per share represents the difference between the amount per share paid by purchasers of shares of common stock in this offering and the net tangible book value per share of our common stock immediately after this offering.

After giving effect to the sale of our common stock in the aggregate amount of \$20.0 million at an assumed offering price of \$8.17 per share, the last reported sale price of our common stock on Nasdaq on December 29, 2015, and after deducting underwriting discounts and commissions and estimated offering expenses, our as adjusted net tangible book value as of September 30, 2015 would have been approximately \$47.6 million, or \$1.93 per share of common stock. This represents an immediate increase in net tangible book value of \$0.64 per share to existing stockholders and immediate dilution of \$6.24 per share to investors purchasing our common stock in this offering at the public offering price. The following table illustrates this dilution on a per share basis:

| | |
|--|---------|
| Assumed public offering price per share | \$ 8.17 |
| Net tangible book value per share of as September 30, 2015 | \$ 1.29 |
| Increase in net tangible book value per share attributable to investors purchasing our common stock in this offering | 0.64 |
| As adjusted net tangible book value per share as of September 30, 2015, after giving effect to this offering | 1.93 |
| Dilution per share to investors purchasing our common stock in this offering | \$ 6.24 |

The table above assumes that an aggregate of 2,447,980 shares of our common stock are sold at an assumed offering price of \$8.17 per share, the last reported sale price of our common stock on Nasdaq on December 29, 2015, for aggregate gross proceeds of \$20.0 million. The shares sold in this offering, if any, will be sold from time to time at various prices. The information supplied above is for illustrative purposes only.

The table and discussion above are based on 22,160,991 shares of common stock outstanding as of September 30, 2015 and exclude:

2,914,977 shares of common stock issuable upon exercise of outstanding options as of September 30, 2015, with a weighted-average exercise price of \$4.04 per share;

593,200 shares of common stock issuable upon exercise of outstanding options granted after September 30, 2015, with a weighted-average exercise price of \$7.81 per share;

30,000 shares of common stock issuable upon settlement of restricted stock units granted after September 30, 2015;

51,386 shares of common stock issuable upon the exercise of outstanding warrants as of September 30, 2015, with a weighted-average exercise price of \$9.26 per share;

830,396 shares of common stock reserved for future issuance under our 2014 Equity Incentive Plan as of September 30, 2015; and

372,529 shares of common stock reserved for future issuance under our 2014 Employee Stock Purchase Plan as of September 30, 2015.

Table of Contents

To the extent that outstanding options or warrants have been or may be exercised or other shares are issued, investors purchasing our common stock in this offering may experience further dilution. In addition, we may choose to issue additional common stock, or securities convertible into or exchangeable for common stock, in the future. The issuance of these securities could result in further dilution for investors purchasing our common stock in this offering.

Table of Contents

PLAN OF DISTRIBUTION

We have entered into the Sales Agreement with Cantor Fitzgerald, under which we may issue, offer and sell shares of our common stock having an aggregate gross sales price of up to \$20.0 million from time to time through Cantor Fitzgerald acting as agent. The Sales Agreement was filed as an exhibit to a Current Report on Form 8-K and incorporated by reference into this prospectus supplement and the accompanying prospectus.

Upon delivery of a placement notice and subject to the terms and conditions of the Sales Agreement, Cantor Fitzgerald may sell shares of our common stock by any method permitted by law deemed to be an "at-the-market offering" as defined in Rule 415 promulgated under the Securities Act, including sales made directly on or through Nasdaq, on any other existing trading market for our common stock, to or through a market maker, in negotiated transactions at market prices prevailing at the time of sale or at prices related to such prevailing market prices, and/or any other method permitted by law. We may instruct Cantor Fitzgerald not to sell our common stock if the sales cannot be effected at or above the price designated by us from time to time. We or Cantor Fitzgerald may suspend the offering of our common stock upon notice and subject to other conditions.

We will pay Cantor Fitzgerald commissions, in cash, for its services in acting as agent in the sale of our common stock. Cantor Fitzgerald will be entitled to compensation at a fixed commission rate of 3.0% of the gross sales price per share sold. 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 have also agreed to reimburse Cantor Fitzgerald for certain specified expenses, including the fees and disbursements of its legal counsel in an amount not to exceed \$50,000. We estimate that the total expenses for the offering, excluding compensation, commissions and reimbursements payable to Cantor Fitzgerald under the terms of the Sales Agreement, will be approximately \$300,000.

Settlement for sales of common stock will occur on the third business day following the date on which any sales are made, or on some other date that is agreed upon by us and Cantor Fitzgerald in connection with a particular transaction, in return for payment of the net proceeds to us. Sales of our common stock as contemplated in this prospectus supplement and the accompanying prospectus will be settled through the facilities of The Depository Trust Company or by such other means as we and Cantor Fitzgerald may agree upon. There is no arrangement for funds to be received in an escrow, trust or similar arrangement.

Cantor Fitzgerald will use its commercially reasonable efforts, consistent with its sales and trading practices, to solicit offers to purchase the common stock shares under the terms and subject to the conditions set forth in the Sales Agreement. In connection with the sale of the common stock on our behalf, Cantor Fitzgerald may be deemed to be an "underwriter" within the meaning of the Securities Act and the compensation of Cantor Fitzgerald may be deemed to be underwriting commissions or discounts. We have agreed to provide indemnification and contribution to Cantor Fitzgerald against certain civil liabilities, including liabilities under the Securities Act.

The offering of our common stock pursuant to the Sales Agreement will terminate upon the earlier of (1) the sale of all shares of our common stock subject to the Sales Agreement, or (2) termination of the Sales Agreement as permitted therein. We and Cantor Fitzgerald may each terminate the Sales Agreement at any time upon four days' prior notice.

Edgar Filing: Corium International, Inc. - Form 424B5

Table of Contents

Cantor Fitzgerald and its affiliates may in the future provide various investment banking, commercial banking and other financial services for us and our affiliates, for which services they may in the future receive customary fees. To the extent required by Regulation M, Cantor Fitzgerald will not engage in any market making activities involving our common stock while the offering is ongoing under this prospectus supplement and the accompanying prospectus.

This prospectus supplement and the accompanying prospectus may be made available in electronic format on a website maintained by Cantor Fitzgerald, and Cantor Fitzgerald may distribute this prospectus supplement and the accompanying prospectus electronically.

S-15

Table of Contents

LEGAL MATTERS

The validity of the shares of common stock offered hereby will be passed upon for us by Fenwick & West LLP, Mountain View, California. Latham & Watkins LLP, San Diego, California, is counsel for Cantor Fitzgerald in connection with this offering.

EXPERTS

The financial statements incorporated in this prospectus supplement and the accompanying prospectus by reference from the Company's Annual Report on Form 10-K have been audited by Deloitte & Touche LLP, an independent registered public accounting firm, as stated in its report, which is incorporated herein by reference. Such financial statements have been so incorporated in reliance upon the report of such firm given upon their authority as experts in accounting and auditing.

S-16

Table of Contents

WHERE YOU CAN FIND MORE INFORMATION

We are subject to the informational requirements of the Securities Exchange Act of 1934, as amended, or the Exchange Act, and are required to file annual, quarterly and other reports, proxy statements and other information with the SEC. You may inspect and copy these reports, proxy statements and other information at the public reference facilities maintained by the SEC in Washington, D.C., 100 F Street N.E., Washington, D.C. 20549. Copies of such materials can be obtained from the SEC's public reference section at prescribed rates. You may obtain information on the operation of the public reference rooms by calling the SEC at (800) SEC-0330. Additionally, the SEC maintains an Internet site (<http://www.sec.gov>) that contains reports, proxy and information statements, and various other information about us. You may also inspect the documents described herein at our principal executive offices, 235 Constitution Avenue, Menlo Park, California 94025, during normal business hours.

Information about us is also available at our website at <http://www.coriumgroup.com>. However, the information on our website is not a part of this prospectus supplement or the accompanying prospectus and is not incorporated by reference into this prospectus supplement or the accompanying prospectus.

Table of Contents

INCORPORATION OF INFORMATION BY REFERENCE

The SEC allows us to "incorporate by reference" information that we file with the SEC, which means that we can disclose important information to you by referring you to those other documents. The information incorporated by reference is an important part of this prospectus supplement and the accompanying prospectus, and information we file later with the SEC will automatically update and supersede this information. We incorporate by reference the documents listed below and any future filings we make with the SEC under Section 13(a), 13(c), 14, or 15(d) of the Exchange Act prior to the termination of any offering of securities made by this prospectus supplement:

our Annual Report on Form 10-K for the year ended September 30, 2015 filed with the SEC on December 16, 2015;

our Definitive Proxy Statement on Schedule 14A filed with the SEC on January 21, 2015;

our Current Reports on Form 8-K filed on December 30, 2015; and

the description of our common stock contained in our registration statement on Form 8-A filed with the SEC on March 25, 2014 under Section 12 of the Exchange Act, including any amendment or report filed for the purpose of updating such description.

Upon written or oral request, we will provide without charge to each person, including any beneficial owner, to whom this prospectus supplement and the accompanying prospectus are delivered, a copy of any or all of such information that has been incorporated herein by reference (other than exhibits to such documents unless such exhibits are specifically incorporated by reference into the documents that this prospectus supplement or the accompanying prospectus incorporates). Written or oral requests for copies should be directed to Corium International, Inc., Attn: Investor Relations, 235 Constitution Avenue, Menlo Park, California, telephone number (650) 298-8255. See the section of this prospectus supplement entitled "Where You Can Find More Information" for information concerning how to read and obtain copies of materials that we file with the SEC at the SEC's public offices.

Table of Contents

PROSPECTUS

\$125,000,000

Corium International, Inc.

**Common Stock, Preferred Stock,
Debt Securities, Warrants, Subscription Rights and Units**

From time to time, we or selling security holders may offer up to \$125,000,000 aggregate dollar amount of shares of our common stock or preferred stock, debt securities, warrants to purchase our common stock, preferred stock or debt securities, subscription rights to purchase our common stock, preferred stock or debt securities and/or units consisting of some or all of these securities, in any combination, together or separately, in one or more offerings, in amounts, at prices and on the terms that we will determine at the time of the offering and which will be set forth in a prospectus supplement and any related free writing prospectus. The prospectus supplement and any related free writing prospectus may also add, update or change information contained in this prospectus. The total amount of these securities will have an initial aggregate offering price of up to \$125,000,000.

You should read this prospectus, the information incorporated, or deemed to be incorporated, by reference in this prospectus, and any applicable prospectus supplement and related free writing prospectus carefully before you invest.

Our common stock is traded on The Nasdaq Global Market under the symbol "CORI." On May 7, 2015, the last reported sales price for our common stock was \$9.99 per share. None of the other securities we may offer are currently traded on any securities exchange. The applicable prospectus supplement and any related free writing prospectus will contain information, where applicable, as to any other listing on The Nasdaq Global Market or any securities market or exchange of the securities covered by the prospectus supplement and any related free writing prospectus.

An investment in our securities involves a high degree of risk. You should carefully consider the information under the heading "Risk Factors" beginning on page 5 of this prospectus before investing in our securities.

Common stock, preferred stock, debt securities, warrants, subscription rights and/or units may be sold by us or selling security holders to or through underwriters or dealers, directly to purchasers or through agents designated from time to time. For additional information on the methods of sale, you should refer to the section entitled "Plan of Distribution" in this prospectus. If any underwriters, dealers or agents are involved in the sale of any securities with respect to which this prospectus is being delivered, the names of such underwriters or agents and any applicable fees, discounts or commissions, details regarding over-allotment options, if any, and the net proceeds to us will be 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 will also be set forth in a prospectus supplement.

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

The date of this prospectus is May 21, 2015.

Table of Contents

TABLE OF CONTENTS

| | PAGE |
|--|-------------|
| <u>ABOUT THIS PROSPECTUS</u> | <u>1</u> |
| <u>PROSPECTUS SUMMARY</u> | <u>2</u> |
| <u>RATIO OF EARNINGS TO FIXED CHARGES</u> | <u>4</u> |
| <u>RISK FACTORS</u> | <u>5</u> |
| <u>FORWARD-LOOKING STATEMENTS</u> | <u>5</u> |
| <u>WHERE YOU CAN FIND MORE INFORMATION</u> | <u>6</u> |
| <u>INCORPORATION OF INFORMATION BY REFERENCE</u> | <u>6</u> |
| <u>USE OF PROCEEDS</u> | <u>8</u> |
| <u>PLAN OF DISTRIBUTION</u> | <u>9</u> |
| <u>DESCRIPTION OF CAPITAL STOCK</u> | <u>11</u> |
| <u>DESCRIPTION OF DEBT SECURITIES</u> | <u>15</u> |
| <u>DESCRIPTION OF WARRANTS</u> | <u>23</u> |
| <u>DESCRIPTION OF SUBSCRIPTION RIGHTS</u> | <u>25</u> |
| <u>DESCRIPTION OF UNITS</u> | <u>25</u> |
| <u>LEGAL MATTERS</u> | <u>25</u> |
| <u>EXPERTS</u> | <u>26</u> |

Table of Contents

ABOUT THIS PROSPECTUS

This prospectus is part of a registration statement that we filed with the Securities and Exchange Commission (the SEC) using a "shelf" registration process. Under this shelf registration process, from time to time, we may sell any combination of the securities described in this prospectus in one or more offerings, up to a total dollar amount of \$125,000,000. We have provided to you in this prospectus a general description of the securities we may offer. Each time we sell securities under this shelf registration process, we will provide a prospectus supplement that will contain specific information about the terms of the offering. We may also add, update or change in the prospectus supplement any of the information contained in this prospectus. To the extent there is a conflict between the information contained in this prospectus and the 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. You should read both this prospectus and any prospectus supplement together with additional information described under the next heading "Where You Can Find More Information."

You should rely only on the information contained in or incorporated by reference into this prospectus or any applicable prospectus supplement. No dealer, salesperson or any other person is authorized to give any information or to make any representation other than the information and representations contained in or incorporated by reference into this prospectus or any applicable prospectus supplement. If different information is given or different representations are made, you may not rely on that information or those representations as having been authorized by us. You may not imply from the delivery of this prospectus and any applicable prospectus supplement, nor from a sale made under this prospectus and any applicable prospectus supplement, that our affairs are unchanged since the date of this prospectus and any applicable prospectus supplement or that the information contained in any document incorporated by reference is accurate as of any date other than the date of the document incorporated by reference, regardless of the time of delivery of this prospectus and any applicable prospectus supplement or any sale of a security. This prospectus and any applicable prospectus supplement may only be used where it is legal to sell the securities.

THIS PROSPECTUS MAY NOT BE USED TO OFFER AND SELL SECURITIES UNLESS IT IS ACCOMPANIED BY A PROSPECTUS SUPPLEMENT.

In this prospectus, unless the context otherwise requires, the terms "Corium," the "Company," "we," "us," and "our" refer to Corium International, Inc., a Delaware corporation.

Table of Contents

PROSPECTUS SUMMARY

This summary may not contain all the information that you should consider before investing in securities. You should read the entire prospectus and the information incorporated by reference in this prospectus carefully, including "Risk Factors" and the financial data and related notes and other information incorporated by reference, before making an investment decision.

Company Overview

We are a commercial stage biopharmaceutical company focused on the development, manufacture and commercialization of specialty pharmaceutical products that leverage our broad experience in transdermal and transmucosal delivery systems. Together with our partners, we have successfully developed six marketed products in the prescription drug and consumer markets, and we are the sole commercial supplier of each of those products for our marketing partners. These marketed products are Clonidine Transdermal Delivery System (TDS), Fentanyl TDS and four Crest Advanced Seal Whitestrips products. We use our novel transdermal and transmucosal approaches to bring new products to markets that present significant opportunities. Our development platforms enable transdermal delivery of large molecules, or biologics, including vaccines, peptides and proteins, as well as small molecules that are otherwise difficult to deliver in a transdermal dosage form. Our pipeline includes two partnered products that are the subject of pending drug marketing applications to the U.S. Food and Drug Administration (FDA). In addition, we have partner- or self-funded programs at earlier stages.

We have built significant know-how and experience in the development, scale-up and manufacture of complex specialty products and have formed relationships with our partners that include both the development of new product formulations and our manufacture of the resulting products. Our partners include The Procter & Gamble Company (P&G), Par Pharmaceutical, Inc., Teva Pharmaceuticals USA, Inc. and Agile Therapeutics, Inc., as well as several other multinational pharmaceutical companies. We have the capability to develop and manufacture our own product candidates and are one of only a few independent companies that develops and manufactures transdermal products for other parties.

Transdermal drug delivery is the transport of drugs through the skin for absorption into the body. We have developed two proprietary technology platforms, Corplex and MicroCor®, that we believe offer significant competitive advantages over existing transdermal approaches. Corplex and MicroCor are designed to be adapted broadly for use in multiple drug categories and indications. We use our Corplex technology to create advanced transdermal and transmucosal systems for small molecules that utilize less of the active ingredient while achieving the same or better therapeutic effect, that can adhere well to either wet or dry surfaces, and that can hold additional ingredients required to aid the diffusion of low-solubility molecules through the skin without losing adhesion. Our MicroCor technology is a biodegradable microstructure system currently in development that enables the painless and convenient delivery of biologics that otherwise must be delivered via injection. Biodegradable microstructures integrate drug molecules and a biocompatible polymer. With slight external pressure, the microstructures penetrate the outer layers of the skin and dissolve to release the drug for local or systemic absorption. MicroCor is designed to expand the market for transdermal delivery of biologics, which cannot currently be delivered by other FDA-approved transdermal technologies.

In addition to commercialized products, we have a number of products in late stages of development. The most advanced clinical stage product in our pipeline is AG200-15, which is in Phase 3 development by our partner Agile. AG200-15 is a combination hormonal contraceptive patch designed to deliver two hormones, ethinyl estradiol and levonorgestrel, at levels comparable to low-dose oral contraceptives, through the skin in an easy-to-use format over seven days. Agile has filed a New Drug Application (NDA), for approval of this product by the FDA, which is required before marketing

Edgar Filing: Corium International, Inc. - Form 424B5

Table of Contents

a new drug in the United States. Based on the FDA response to this application, Agile is conducting a confirmatory Phase 3 clinical trial and intends to submit the results of that trial to the FDA.

We are developing several additional products utilizing our proprietary technologies that we plan to advance into Phase 1 and 2 trials. MicroCor hPTH(1-34) utilizes our MicroCor technology to deliver parathyroid hormone, a peptide for treating osteoporosis that is currently available only in an injectable form that must be refrigerated. Our programs in Alzheimer's and Parkinson's diseases have advanced into *in vivo* pharmacokinetic testing. We are actively pursuing two product candidates in parallel for the transdermal treatment of Alzheimer's disease, incorporating two of the drugs already approved by the FDA, donepezil and memantine. Our current plan is to take both candidates into human clinical trials. Additionally, we are pursuing a program for the transdermal treatment of Parkinson's disease, also incorporating drugs already approved by the FDA, ropinirole and pramipexole. We are planning to take at least one of these candidates into human clinical trials. The following table identifies the products we have developed that are marketed by our partners, products in our proprietary pipeline and products currently awaiting FDA approval.

| Partner | Product/Candidate | Application | Status |
|-------------|---------------------------------|-----------------|-------------|
| Teva | Clonidine TDS | Hypertension | Marketed |
| Par | Fentanyl TDS | Pain | Marketed |
| P&G | Crest Whitestrips (4 products) | Teeth Whitening | Marketed |
| Agile | AG200-15 | Contraception | Phase 3 |
| Self-funded | MicroCor hPTH(1-34) | Osteoporosis | Phase 2a |
| Self-funded | Donepezil TDS/Memantine TDS | Alzheimer's | Preclinical |
| Self-funded | Ropinirole TDS/ Pramipexole TDS | Parkinson's | Preclinical |
| Teva | ANDA #1 | Motion Sickness | ANDA Filed |

The Securities We May Offer

With this prospectus, we may offer common stock, preferred stock, debt securities, warrants, subscription rights to purchase our common stock, preferred stock or debt securities, and/or units consisting of some or all of these securities in any combination. The aggregate offering price of securities that we offer with this prospectus will not exceed \$125,000,000. Each time we offer securities with this prospectus, we will provide offerees with a prospectus supplement that will contain the specific terms of the securities being offered. The following is a summary of the securities we may offer with this prospectus.

Common Stock

We may offer shares of our common stock, par value \$0.001 per share.

Preferred Stock

We may offer shares of our preferred stock, par value \$0.001 per share, in one or more series. Our board of directors or a committee designated by the board will determine the dividend, voting, conversion and other rights of the series of shares of preferred stock being offered. Each series of preferred stock will be more fully described in the particular prospectus supplement that will accompany this prospectus, including redemption provisions, rights in the event of our liquidation, dissolution or the winding up, voting rights and rights to convert into common stock.

Debt Securities

We may offer general obligations, which may be secured or unsecured, senior or subordinated and convertible into shares of our common stock or preferred stock. In this prospectus, we refer to the

Table of Contents

senior debt securities and the subordinated debt securities together as the "debt securities." Our board of directors will determine the terms of each series of debt securities being offered, which may be subject to further approval under the terms of our \$35.0 million term loan agreement with CRG.

We will issue the debt securities under an indenture between us and a trustee. In this document, we have summarized general features of the debt securities from the indenture. We encourage you to read the indenture, which is an exhibit to the registration statement of which this prospectus is a part.

Warrants

We may offer warrants for the purchase of debt securities, shares of preferred stock or shares of common stock. We may issue warrants independently or together with other securities. Our board of directors will determine the terms of the warrants.

Subscription Rights

We may offer subscription rights to purchase of common stock, preferred stock or debt securities. We may issue subscription rights independently or together with other securities. Our board of directors will determine the terms of the subscription rights.

Units

We may offer units consisting of some or all of the securities described above, in any combination, including common stock, preferred stock, warrants and/or debt securities. The terms of these units will be set forth in a prospectus supplement. The description of the terms of these units in the related prospectus supplement will not be complete. You should refer to the applicable form of unit and unit agreement for complete information with respect to these units.

We were incorporated in Michigan in 1995 as Corium Corporation and in 1996 as Converting Systems, Inc. In 2002, these companies were merged and re-named Corium International, Inc. and our place of incorporation changed to Delaware. Our principal executive offices are located at 235 Constitution Drive, Menlo Park, CA 94025, and our telephone number is (650) 298-8255. We have research and development operations and corporate offices in Menlo Park, California and pilot-scale and commercial-scale manufacturing facilities in Grand Rapids, Michigan.

RATIO OF EARNINGS TO FIXED CHARGES

The following table shows our ratio of earnings to fixed charges for the periods indicated:

| | Year Ended September 30, | | | Six Months |
|---|--------------------------|-------------|------------|-------------------------|
| | 2012 | 2013 | 2014 | Ended March 31, 2015 |
| Ratio of earnings to fixed charges(1) | | | | |
| Deficiency of earnings to fixed charges | \$ (5,450) | \$ (13,876) | \$ (9,911) | \$ (13,899) |

(1) The ratio of earnings to fixed charges represents the number of times that fixed charges are covered by earnings. Earnings consist of income or loss from continuing operations before income taxes and fixed charges. We had losses before fixed charges in each year presented in the table above, so ratios are not meaningful. Fixed charges consist of interest expensed and capitalized, amortized premiums, discounts and capitalized expenses related to indebtedness, and an estimate of interest within rental expense.

Table of Contents

RISK FACTORS

An investment in our securities involves a high degree of risk. The prospectus supplement applicable to each offering of securities will contain a discussion of the risks applicable to an investment in our securities. Prior to making a decision about investing in our securities, you should carefully consider the specific factors discussed under the heading "Risk Factors" in the applicable prospectus supplement, together with all of the other information contained or incorporated by reference in the prospectus supplement or appearing or incorporated by reference in this prospectus. You should also consider the risks, uncertainties and assumptions discussed under Part II, Item 1A, "Risk Factors," in our Quarterly Report on Form 10-Q for the quarterly period ended March 31, 2015, which is incorporated herein by reference, and may be amended, supplemented or superseded from time to time by other reports we file with the SEC in the future. 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 operations.

FORWARD-LOOKING STATEMENTS

This prospectus and documents incorporated herein by reference contain "forward-looking statements" within the meaning of the Private Securities Litigation Reform Act of 1995. These forward-looking statements involve a number of risks and uncertainties. We caution readers that any forward-looking statement is not a guarantee of future performance and that actual results could differ materially from those contained in the forward-looking statement. These statements are based on current expectations of future events. Such statements include, but are not limited to, statements about future financial and operating results, plans, objectives, expectations and intentions, costs and expenses, interest rates, outcome of contingencies, financial condition, results of operations, liquidity, cost savings, objectives of management, business strategies, debt financing, clinical trial timing and plans, the achievement of clinical and commercial milestones, the advancement of our technologies and our proprietary and partnered products and product candidates, and other statements that are not historical facts. You can find many of these statements by looking for words like "believes," "expects," "anticipates," "estimates," "may," "might," "should," "will," "could," "plan," "intend," "project," "seek" or similar expressions in this prospectus or in documents incorporated by reference into this prospectus. We intend that such forward-looking statements be subject to the safe harbors created thereby.

These forward-looking statements are based on the current beliefs and expectations of our management and are subject to significant risks and uncertainties. If underlying assumptions prove inaccurate or unknown risks or uncertainties materialize, actual results may differ materially from current expectations and projections. Factors that might cause such a difference include those discussed in Part II, Item 1A "Risk Factors" in our Quarterly Report on Form 10-Q for the quarter ended March 31, 2015, as well as those discussed in this prospectus and in the documents incorporated by reference into this prospectus. You are cautioned not to place undue reliance on these forward-looking statements, which speak only as of the date of this prospectus or, in the case of documents referred to or incorporated by reference, the date of those documents.

All subsequent written or oral forward-looking statements attributable to us or any person acting on our behalf are expressly qualified in their entirety by the cautionary statements contained or referred to in this section. We do not undertake any obligation to release publicly any revisions to these forward-looking statements to reflect events or circumstances after the date of this prospectus or to reflect the occurrence of unanticipated events, except as may be required under applicable U.S. securities law. If we do update one or more forward-looking statements, no inference should be drawn that we will make additional updates with respect to those or other forward-looking statements.

Table of Contents

WHERE YOU CAN FIND MORE INFORMATION

We are subject to the informational requirements of the Securities Exchange Act of 1934, as amended (the Exchange Act) and are required to file annual, quarterly and other reports, proxy statements and other information with the SEC. You may inspect and copy these reports, proxy statements and other information at the public reference facilities maintained by the SEC in Washington, D.C., 100 F Street N.E., Washington, D.C. 20549. Copies of such materials can be obtained from the SEC's public reference section at prescribed rates. You may obtain information on the operation of the public reference rooms by calling the SEC at (800) SEC-0330. Additionally, the SEC maintains an Internet site (<http://www.sec.gov>) that contains reports, proxy and information statements, and various other information about us. You may also inspect the documents described herein at our principal executive offices, 235 Constitution Avenue, Menlo Park, California 94025, during normal business hours.

Information about us is also available at our website at <http://www.coriumgroup.com>. However, the information on our website is not a part of this prospectus and is not incorporated by reference into this prospectus.

INCORPORATION OF INFORMATION BY REFERENCE

The SEC allows us to "incorporate by reference" information that we file with the SEC, which means that we can disclose important information to you by referring you to those other documents. The information incorporated by reference is an important part of this prospectus, and information we file later with the SEC will automatically update and supersede this information. We incorporate by reference the documents listed below and any future filings we make with the SEC under Section 13(a), 13(c), 14, or 15(d) of the Exchange Act prior to the termination of any offering of securities made by this prospectus:

our Annual Report on Form 10-K for the year ended September 30, 2014 filed with the SEC on December 15, 2014, including certain information incorporated by reference therein from our Definitive Proxy Statement for our 2015 annual meeting of stockholders filed with the SEC on January 21, 2015;

our Quarterly Reports on Form 10-Q for the quarters ended December 31, 2014 and March 31, 2015 and filed with the SEC on February 12, 2015 and May 8, 2015, respectively;

our Current Reports on Form 8-K filed on November 20, 2014, December 8, 2014, March 13, 2015 and April 1, 2015;

the description of our common stock contained in our registration statement on Form 8-A filed with the SEC on March 25, 2014 under Section 12 of the Exchange Act, including any amendment or report filed for the purpose of updating such description; and

filings we make with the SEC pursuant to the Exchange Act after the date of the initial registration statement, of which this prospectus is a part, and prior to the effectiveness of the registration statement.

Upon written or oral request, we will provide without charge to each person, including any beneficial owner, to whom this prospectus is delivered, a copy of any or all of such information that has been incorporated herein by reference (other than exhibits to such documents unless such exhibits are specifically incorporated by reference into the documents that this prospectus incorporates). Written or oral requests for copies should be directed to Corium International, Inc., Attn: Investor Relations, 235 Constitution Avenue, Menlo Park, California, telephone number (650) 298-8255. See the section of this prospectus entitled "Where You Can Find More Information" for information concerning how to read and obtain copies of materials that we file with the SEC at the SEC's public offices.

Table of Contents

Any statement contained in this prospectus, or in a document all or a portion of which is incorporated by reference, shall be modified or superseded for purposes of this prospectus to the extent that a statement contained in this prospectus, any prospectus supplement or any document incorporated by reference modifies or supersedes such statement. Any such statement so modified or superseded shall not, except as so modified or superseded, constitute a part of this prospectus.

Table of Contents

USE OF PROCEEDS

We will retain broad discretion over the use of the net proceeds to us from the sale of our securities under this prospectus. Unless otherwise provided in the applicable prospectus supplement, we intend to use the net proceeds from the sale of securities under this prospectus for general corporate purposes, which may include funding research and development, increasing our working capital, reducing indebtedness, acquisitions or investments in businesses, products or technologies that are complementary to our own and capital expenditures. We will set forth in the prospectus supplement our intended use for the net proceeds received from the sale of any securities. Pending the application of the net proceeds, we intend to invest the net proceeds in short-term or long-term, investment-grade, interest-bearing securities.

Table of Contents

PLAN OF DISTRIBUTION

We may sell the securities covered by this prospectus to one or more underwriters for public offering and sale by them, and may also sell the securities to investors directly or through agents. We will name any underwriter or agent involved in the offer and sale of securities in the applicable prospectus supplement. We have reserved the right to sell or exchange securities directly to investors on our own behalf in jurisdictions where we are authorized to do so. We may distribute the securities from time to time in one or more transactions:

at a fixed price or prices, which may be changed;

at market prices prevailing at the time of sale;

at prices related to such prevailing market prices; or

at negotiated prices.

We may directly solicit offers to purchase the securities being offered by this prospectus. We may also designate agents to solicit offers to purchase the securities from time to time. We will name in a prospectus supplement any agent involved in the offer or sale of our securities. Unless otherwise indicated in a prospectus supplement, an agent will be acting on a best efforts basis, and a dealer will purchase securities as a principal for resale at varying prices to be determined by the dealer.

If we utilize an underwriter in the sale of the securities being offered by this prospectus, we will execute an underwriting agreement with the underwriter at the time of sale and we will provide the name of any underwriter in the prospectus supplement that the underwriter will use to make resales of the securities to the public. In connection with the sale of the securities, we, or the purchasers of securities for whom the underwriter may act as agent, may compensate the underwriter in the form of underwriting discounts or commissions. The underwriter may sell the securities to or through dealers, and those dealers may receive compensation in the form of discounts, concessions or commissions from the underwriters or commissions from the purchasers for whom they may act as agent.

We will provide in the applicable prospectus supplement any compensation we pay to underwriters, dealers, or agents in connection with the offering of the securities, and any discounts, concessions or commissions allowed by underwriters to participating dealers. Underwriters, dealers and agents participating in the distribution of the securities may be deemed to be underwriters within the meaning of the Securities Act of 1933 (the Securities Act), and any discounts and commissions received by them and any profit realized by them on resale of the securities may be deemed to be underwriting discounts and commissions. We may enter into agreements to indemnify underwriters, dealers and agents against civil liabilities, including liabilities under the Securities Act, and to reimburse them for certain expenses. We may grant underwriters who participate in the distribution of our securities under this prospectus an option to purchase additional securities to cover any over-allotments in connection with the distribution.

The securities we offer under this prospectus may or may not be listed through The Nasdaq Global Market or any other securities exchange. To facilitate the offering of securities, certain persons participating in the offering may engage in transactions that stabilize, maintain or otherwise affect the price of the securities. This may include short sales of the securities, which involves the sale by persons participating in the offering of more securities than we sold to them. In these circumstances, these persons would cover such short positions by making purchases in the open market or by exercising their option to purchase additional securities. In addition, these persons may stabilize or maintain the price of the securities by bidding for or purchasing securities in the open market or by imposing penalty bids, whereby selling concessions allowed to dealers participating in the offering may be reclaimed if securities sold by them are repurchased in connection with stabilization transactions. The effect of these

Table of Contents

transactions may be to stabilize or maintain the market price of the securities at a level above that which might otherwise prevail in the open market. These transactions may be discontinued at any time.

We may engage in at the market offerings into an existing trading market in accordance with Rule 415(a)(4) under the Securities Act. In addition, we may enter into derivative transactions with third parties, or sell securities not covered by this prospectus to third parties in privately negotiated transactions. If the applicable prospectus supplement indicates, in connection with those derivatives, the third parties may sell securities covered by this prospectus and the applicable prospectus supplement, including short sale transactions. If so, the third party may use securities pledged by us or borrowed from us or others to settle those sales or to close out any related open borrowings of stock, and they may use securities received from us in settlement of those derivatives to close out any related open borrowings of stock. The third party in these sale transactions will be an underwriter and will be identified in the applicable prospectus supplement. In addition, we may otherwise loan or pledge securities to a financial institution or other third party that in turn may sell the securities short using this prospectus. The financial institution or other third party may transfer its economic short position to investors in our securities or in connection with a concurrent offering of other securities.

We will file a prospectus supplement to describe the terms of any offering of our securities covered by this prospectus. The prospectus supplement will disclose:

the terms of the offer;

the names of any underwriters, including any managing underwriters, as well as any dealers or agents;

the purchase price of the securities from us;

the net proceeds to us from the sale of the securities;

any delayed delivery arrangements;

any underwriting discounts, commissions or other items constituting underwriters' compensation, and any commissions paid to agents;

in a subscription rights offering, whether we have engaged dealer-managers to facilitate the offering or subscription, including their name or names and compensation;

any public offering price; and

other facts material to the transaction.

We will bear all or substantially all of the costs, expenses and fees in connection with the registration of our securities under this prospectus. The underwriters, dealers and agents may engage in transactions with us, or perform services for us, in the ordinary course of business.

In compliance with guidelines of the Financial Industry Regulatory Authority (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.

Table of Contents

DESCRIPTION OF CAPITAL STOCK

General

We are authorized to issue 155,000,000 shares of all classes of capital stock, of which 150,000,000 shares is common stock, \$0.001 par value per share, and 5,000,000 shares are undesignated preferred stock, \$0.001 par value per share. Our capital is stated in U.S. dollars. As of May 7, 2015, we had 18,080,984 outstanding shares of common stock and no outstanding shares of preferred stock.

Common Stock

The holders of our common stock are entitled to receive such dividends or distributions as are lawfully declared on our common stock, to have notice of any authorized meeting of stockholders, and to one vote for each share of our common stock on all matters which are properly submitted to a vote of stockholders. As a Delaware corporation, we are subject to statutory limitations on the declaration and payment of dividends. In the event of a liquidation, dissolution or winding up of our company, holders of our common stock have the right to a ratable portion of assets remaining after satisfaction in full of all outstanding debt and liabilities and the preferential rights and payment of liquidation preferences, if any, on any outstanding shares of preferred stock. The holders of our common stock have no conversion, redemption, preemptive or cumulative voting rights.

Registration Rights

According to the terms of our amended and restated investors' rights agreement entered into in September 2007, certain of our common stockholders are entitled to demand, piggyback and Form S-3 registration rights.

Demand Registration Rights. The holders of at least 40% of the shares having demand registration rights have the right to make up to two demands that we file a registration statement to register all or a portion of their shares. We may postpone the filing of a registration statement for up to 90 days once in a 12-month period if our board of directors determines that the filing would be detrimental to us.

Piggyback Registration Rights. If we register any securities for public sale, holders of registration rights are entitled to written notice of the registration and will have the right to include their shares in the registration statement. The underwriters of any offering will have the right to limit the number of shares having registration rights to be included in the registration statement, but not below 30% of the total number of shares included in the registration statement, unless such offering is our initial public offering, in which case any and all shares held by selling stockholders may be excluded from the offering.

Form S-3 Registration Rights. If we are eligible to file a registration statement on Form S-3, the holders of the shares with registration rights have the right to make up to two demands that we file a registration statement on Form S-3 during a twelve month period, so long as the aggregate value of the securities to be sold under the registration statement on Form S-3 is at least \$1,000,000. We may postpone the filing of a registration statement for up to 90 days once in a 12-month period if our board of directors determines that the filing would be detrimental to us.

Expenses of Registration. Generally, we are required to bear all registration and selling expenses incurred in connection with the demand, piggyback and Form S-3 registrations described above, other than underwriting discounts and commissions, stock transfer taxes and fees of counsel for any holder other than the fees of a single special counsel for the holders of registration rights not to exceed \$50,000 or \$25,000 in the case of a registration on Form S-3.

Expiration of Registration Rights. The demand, piggyback and Form S-3 registration rights discussed above will terminate April 8, 2019. In addition, the registration rights discussed above will

Table of Contents

terminate with respect to any stockholder entitled to these registration rights on the date when such stockholder is able to sell all of its registrable common stock in a single 90-day period under Rule 144 of the Securities Act.

Preferred Stock

As of May 7, 2015, no shares of our preferred stock are issued and outstanding and no such shares were subject to outstanding options or other rights to purchase or acquire. However, shares of preferred stock may be issued in one or more series from time to time by our board of directors, and the board of directors is expressly authorized to fix by resolution or resolutions the designations and the powers, preferences and rights, and the qualifications, limitations and restrictions thereof, of the shares of each series of preferred stock. Subject to the determination of our board of directors, any shares of our preferred stock that may be issued in the future would generally have preferences over our common stock with respect to the payment of dividends and the distribution of assets in the event of our liquidation, dissolution or winding up.

Anti-Takeover Effect of Unissued Shares of Capital Stock

Common Stock. Our shares of authorized and unissued common stock are available for future issuance without additional stockholder approval. While these additional shares are not designed to deter or prevent a change of control, under some circumstances we could use the additional shares to create voting impediments or to frustrate persons seeking to effect a takeover or otherwise gain control by, for example, issuing those shares in private placements to purchasers who might side with our board of directors in opposing a hostile takeover bid.

Preferred Stock. Our certificate of incorporation grants our board of directors the authority, without any further vote or action by our stockholders, to issue preferred stock in one or more series and to fix the number of shares constituting any such series and the preferences, limitations and relative rights, including dividend rights, dividend rate, voting rights, terms of redemption, redemption price or prices, conversion rights and liquidation preferences of the shares constituting any series. The existence of authorized but unissued preferred stock could reduce our attractiveness as a target for an unsolicited takeover bid since we could, for example, issue shares of preferred stock to parties who might oppose such a takeover bid or shares that contain terms the potential acquirer may find unattractive. This may have the effect of delaying or preventing a change in control, may discourage bids for the common stock at a premium over the market price of the common stock, and may adversely affect the market price of, and the voting and other rights of the holders of, common stock.

Anti-Takeover Provisions

The provisions of Delaware law, our restated certificate of incorporation and our restated bylaws may have the effect of delaying, deferring or discouraging another person from acquiring control of our company.

Delaware Law

We are governed by the provisions of Section 203 of the Delaware General Corporation Law regulating corporate takeovers. This section prevents some Delaware corporations, including us, from engaging, under some circumstances, in a business combination, which includes a merger or sale of at least 10% of the corporation's assets with any interested stockholder, meaning a stockholder who, together with affiliates and associates, owns or, within three years prior to the determination of

Table of Contents

interested stockholder status, did own 15% or more of the corporation's outstanding voting stock, unless:

the transaction is approved by the board of directors prior to the time that the interested stockholder became an interested stockholder;

upon consummation of the transaction which resulted in the stockholder becoming an interested stockholder, the interested stockholder owned at least 85% of the voting stock of the corporation outstanding at the time the transaction commenced; or

at or subsequent to such time that the stockholder became an interested stockholder, the business combination is approved by the board of directors and authorized at an annual or special meeting of stockholders by at least two-thirds of the outstanding voting stock not owned by the interested stockholder.

A Delaware corporation may "opt out" of these provisions with an express provision in its original certificate of incorporation or an express provision in its certificate of incorporation or bylaws resulting from a stockholders' amendment approved by at least a majority of the outstanding voting shares. We have not and do not plan to "opt out" of these provisions. The statute could prohibit or delay mergers or other takeover or change in control attempts and, accordingly, may discourage attempts to acquire us.

Restated Certificate of Incorporation and Restated Bylaw Provisions

Our restated certificate of incorporation and our restated bylaws include a number of provisions that may have the effect of deterring hostile takeovers or delaying or preventing changes in control, including the following:

Board of Directors Vacancies. Our restated certificate of incorporation and restated bylaws authorize only our board of directors to fill vacant directorships. In addition, the number of directors constituting our board of directors will be set only by resolution adopted by a majority vote of our entire board of directors. These provisions prevent a stockholder from increasing the size of our board of directors and gaining control of our board of directors by filling the resulting vacancies with its own nominees. This makes it more difficult to change the composition of our board of directors, but promotes continuity of management.

Classified Board. Our restated certificate of incorporation and restated bylaws provide that our board of directors is classified into three classes of directors. The existence of a classified board could delay a successful tender offeror from obtaining majority control of our board of directors, and the prospect of that delay might deter a potential offeror.

Stockholder Action; Special Meeting of Stockholders. Our restated certificate of incorporation provides that our stockholders may not take action by written consent, but may only take action at annual or special meetings of our stockholders. As a result, a holder controlling a majority of our capital stock is not able to amend our restated bylaws or remove directors without holding a meeting of our stockholders called in accordance with our restated bylaws. Our restated bylaws further provide that special meetings of our stockholders may be called only by a majority of our board of directors, the chairman of our board of directors, our lead independent director, our chief executive officer or our president, thus prohibiting a stockholder from calling a special meeting. These provisions might delay the ability of our stockholders to force consideration of a proposal or for stockholders controlling a majority of our capital stock to take any action, including the removal of directors.

Advance Notice Requirements for Stockholder Proposals and Director Nominations. Our restated bylaws provide advance notice procedures for stockholders seeking to bring business before our

Table of Contents

annual meeting of stockholders, or to nominate candidates for election as directors at our annual meeting of stockholders. Our restated bylaws also specify certain requirements regarding the form and content of a stockholder's notice. These provisions may preclude our stockholders from bringing matters before our annual meeting of stockholders or from making nominations for directors at our annual meeting of stockholders. We expect that these provisions might also discourage or deter a potential acquirer from conducting a solicitation of proxies to elect the acquirer's own slate of directors or otherwise attempting to obtain control of our company.

No Cumulative Voting. The Delaware General Corporation Law provides that stockholders are not entitled to the right to cumulate votes in the election of directors unless a corporation's certificate of incorporation provides otherwise. Our restated certificate of incorporation and restated bylaws do not provide for cumulative voting.

Issuance of Undesignated Preferred Stock. Our board of directors have the authority, without further action by the stockholders, to issue up to 5,000,000 shares of undesignated preferred stock with rights and preferences, including voting rights, designated from time to time by the board of directors. The existence of authorized but unissued shares of preferred stock enables our board of directors to render more difficult or to discourage an attempt to obtain control of us by means of a merger, tender offer, proxy contest or otherwise.

Super Majority Vote to Amend Certificate of Incorporation and Bylaws. Any amendment of the above provisions in our restated certificate of incorporation requires approval by holders of at least two-thirds of our outstanding common stock. The approval of a majority of the shares entitled to vote shall be required to amend any other provisions of our restated certificate of incorporation or restated bylaws.

Choice of Forum. Our restated certificate of incorporation provides that the Court of Chancery of the State of Delaware will be the exclusive forum for any derivative action or proceeding brought on our behalf; any action asserting a breach of fiduciary duty; any action asserting a claim against us arising pursuant to the Delaware General Corporation Law, our restated certificate of incorporation or our restated bylaws; any action to interpret, apply, enforce or determine the validity of our restated certificate of incorporation or our restated bylaws; or any action asserting a claim against us that is governed by the internal affairs doctrine. Although we have included a choice of forum clause in our restated certificate of incorporation, it is possible that a court could rule that such provision is inapplicable or unenforceable.

Transfer Agent and Registrar

The transfer agent and registrar for our common stock is Computershare Trust Company, N.A.

Listing

Our common stock is quoted on The Nasdaq Global Market under the trading symbol "CORI."

Table of Contents

DESCRIPTION OF DEBT SECURITIES

General

We will issue the debt securities offered by this prospectus and any accompanying prospectus supplement under an indenture to be entered into between us and the trustee identified in the applicable prospectus supplement. The terms of the debt securities will include those stated in the indenture and those made part of the indenture by reference to the Trust Indenture Act of 1939, as in effect on the date of the indenture. We have filed a copy of the form of indenture as an exhibit to the registration statement in which this prospectus is included. The indenture will be subject to and governed by the terms of the Trust Indenture Act of 1939.

We may offer under this prospectus up to an aggregate principal amount of \$125,000,000 in debt securities, or if debt securities are issued at a discount, or in a foreign currency, foreign currency units or composite currency, the principal amount as may be sold for an aggregate public offering price of up to \$125,000,000. Unless otherwise specified in the applicable prospectus supplement, the debt securities will represent our direct, unsecured obligations and will rank equally with all of our other unsecured indebtedness.

We may issue the debt securities in one or more series with the same or various maturities, at par, at a premium, or at a discount. We will describe the particular terms of each series of debt securities in a prospectus supplement relating to that series, which we will file with the SEC. The prospectus supplement relating to the particular series of debt securities being offered will specify the particular amounts, prices and terms of those debt securities. These terms may include:

the title of the series;

the aggregate principal amount, and, if a series, the total amount authorized and the total amount outstanding;

the issue price or prices, expressed as a percentage of the aggregate principal amount of the debt securities;

any limit on the aggregate principal amount;

the date or dates on which principal is payable;

the interest rate or rates (which may be fixed or variable) or, if applicable, the method used to determine such rate or rates;

the date or dates from which interest, if any, will be payable and any regular record date for the interest payable;

the place or places where principal and, if applicable, premium and interest, is payable;

the terms and conditions upon which we may, or the holders may require us to, redeem or repurchase the debt securities;

the denominations in which such debt securities may be issuable, if other than denominations of \$1,000 or any integral multiple of that number;

whether the debt securities are to be issuable in the form of certificated securities (as described below) or global securities (as described below);

Edgar Filing: Corium International, Inc. - Form 424B5

the portion of principal amount that will be payable upon declaration of acceleration of the maturity date if other than the principal amount of the debt securities;

the currency of denomination;

Table of Contents

the designation of the currency, currencies or currency units in which payment of principal and, if applicable, premium and interest, will be made;

if payments of principal and, if applicable, premium or interest, on the debt securities are to be made in one or more currencies or currency units other than the currency of denomination, the manner in which the exchange rate with respect to such payments will be determined;

if amounts of principal and, if applicable, premium and interest may be determined by reference to an index based on a currency or currencies or by reference to a commodity, commodity index, stock exchange index or financial index, then the manner in which such amounts will be determined;

the provisions, if any, relating to any collateral provided for such debt securities;

any addition to or change in the covenants and/or the acceleration provisions described in this prospectus or in the indenture;

any events of default, if not otherwise described below under "Events of Default";

the terms and conditions, if any, for conversion into or exchange for shares of our common stock or preferred stock;

any depositaries, interest rate calculation agents, exchange rate calculation agents or other agents; and

the terms and conditions, if any, upon which the debt securities shall be subordinated in right of payment to our other indebtedness.

We may issue discount debt securities that provide for an amount less than the stated principal amount to be due and payable upon acceleration of the maturity of such debt securities in accordance with the terms of the indenture. We may also issue debt securities in bearer form, with or without coupons. If we issue discount debt securities or debt securities in bearer form, we will describe material U.S. federal income tax considerations and other material special considerations which apply to these debt securities in the applicable prospectus supplement.

We may issue debt securities denominated in or payable in a foreign currency or currencies or a foreign currency unit or units. If we do, we will describe the restrictions, elections, and general tax considerations relating to the debt securities and the foreign currency or currencies or foreign currency unit or units in the applicable prospectus supplement.

Debt securities offered under this prospectus and any prospectus supplement will be subordinated in right of payment to certain of our outstanding senior indebtedness, including our credit facilities. In addition, we will seek the consent of the holders of any such senior indebtedness prior to issuing any debt securities under this prospectus to the extent required by the agreements evidencing such senior indebtedness.

Registrar and Paying Agent

The debt securities may be presented for registration of transfer or for exchange at the corporate trust office of the security registrar or at any other office or agency that we maintain for those purposes. In addition, the debt securities may be presented for payment of principal, interest and any premium at the office of the paying agent or at any office or agency that we maintain for those purposes.

Table of Contents

Conversion or Exchange Rights

Debt securities may be convertible into or exchangeable for shares of our common stock. The terms and conditions of conversion or exchange will be stated in the applicable prospectus supplement. The terms will include, among others, the following:

the conversion or exchange price;

the conversion or exchange period;

provisions regarding the convertibility or exchangeability of the debt securities, including who may convert or exchange;

events requiring adjustment to the conversion or exchange price;

provisions affecting conversion or exchange in the event of our redemption of the debt securities; and

any anti-dilution provisions, if applicable.

Registered Global Securities

If we decide to issue debt securities in the form of one or more global securities, then we will register the global securities in the name of the depositary for the global securities or the nominee of the depositary, and the global securities will be delivered by the trustee to the depositary for credit to the accounts of the holders of beneficial interests in the debt securities.

The prospectus supplement will describe the specific terms of the depositary arrangement for debt securities of a series that are issued in global form. None of us, the trustee, any payment agent or the security registrar will have any responsibility or liability for any aspect of the records relating to or payments made on account of beneficial ownership interests in a global debt security or for maintaining, supervising or reviewing any records relating to these beneficial ownership interests.

No Protection in the Event of Change of Control

The indenture does not have any covenants or other provisions providing for a put or increased interest or otherwise that would afford holders of our debt securities additional protection in the event of a recapitalization transaction, a change of control or a highly leveraged transaction. If we offer any covenants or provisions of this type with respect to any debt securities covered by this prospectus, we will describe them in the applicable prospectus supplement.

Covenants

Unless otherwise indicated in this prospectus or the applicable prospectus supplement, our debt securities will not have the benefit of any covenants that limit or restrict our business or operations, the pledging of our assets or the incurrence by us of indebtedness. We will describe in the applicable prospectus supplement any material covenants in respect of a series of debt securities.

Merger, Consolidation or Sale of Assets

The form of indenture provides that we will not consolidate with or merge into any other person or convey, transfer, sell or lease our properties and assets substantially as an entirety to any person, unless:

the person formed by the consolidation or into or with which we are merged or the person to which our properties and assets are conveyed, transferred, sold or leased, is a corporation organized and existing under the laws of the U.S., any state or the District of Columbia or a

Table of Contents

corporation or comparable legal entity organized under the laws of a foreign jurisdiction and, if we are not the surviving person, the surviving person has expressly assumed all of our obligations, including the payment of the principal of and, premium, if any, and interest on the debt securities and the performance of the other covenants under the indenture; and

immediately before and immediately after giving effect to the transaction, no event of default, and no event which, after notice or lapse of time or both, would become an event of default, has occurred and is continuing under the indenture.

Events of Default

Unless otherwise specified in the applicable prospectus supplement, the following events will be events of default under the indenture with respect to debt securities of any series:

we fail to pay any principal or premium, if any, when it becomes due;

we fail to pay any interest within 30 days after it becomes due;

we fail to observe or perform any other covenant in the debt securities or the indenture for 60 days after written notice specifying the failure from the trustee or the holders of not less than 25% in aggregate principal amount of the outstanding debt securities of that series; and

certain events involving bankruptcy, insolvency or reorganization of us or any of our significant subsidiaries.

The trustee may withhold notice to the holders of the debt securities of any series of any default, except in payment of principal or premium, if any, or interest on the debt securities of a series, if the trustee considers it to be in the best interest of the holders of the debt securities of that series to do so.

If an event of default (other than an event of default resulting from certain events of bankruptcy, insolvency or reorganization) occurs, and is continuing, then the trustee or the holders of not less than 25% in aggregate principal amount of the outstanding debt securities of any series may accelerate the maturity of the debt securities. If this happens, the entire principal amount, plus the premium, if any, of all the outstanding debt securities of the affected series plus accrued interest to the date of acceleration will be immediately due and payable. At any time after the acceleration, but before a judgment or decree based on such acceleration is obtained by the trustee, the holders of a majority in aggregate principal amount of outstanding debt securities of such series may rescind and annul such acceleration if:

all events of default (other than nonpayment of accelerated principal, premium or interest) have been cured or waived;

all lawful interest on overdue interest and overdue principal has been paid; and

the rescission would not conflict with any judgment or decree.

In addition, if the acceleration occurs at any time when we have outstanding indebtedness that is senior to the debt securities, the payment of the principal amount of outstanding debt securities may be subordinated in right of payment to the prior payment of any amounts due under the senior indebtedness, in which case the holders of debt securities will be entitled to payment under the terms prescribed in the instruments evidencing the senior indebtedness and the indenture.

If an event of default resulting from certain events of bankruptcy, insolvency or reorganization occurs, the principal, premium and interest amount with respect to all of the debt securities of any series will be due and payable immediately without any declaration or other act on the part of the trustee or the holders of the debt securities of that series.

Edgar Filing: Corium International, Inc. - Form 424B5

Table of Contents

The holders of a majority in principal amount of the outstanding debt securities of a series will have the right to waive any existing default or compliance with any provision of the indenture or the debt securities of that series and to direct the time, method and place of conducting any proceeding for any remedy available to the trustee, subject to certain limitations specified in the indenture.

No holder of any debt security of a series will have any right to institute any proceeding with respect to the indenture or for any remedy under the indenture, unless:

the holder gives to the trustee written notice of a continuing event of default;

the holders of at least 25% in aggregate principal amount of the outstanding debt securities of the affected series make a written request and offer reasonable indemnity to the trustee to institute a proceeding as trustee;

the trustee fails to institute a proceeding within 60 days after such request; and

the holders of a majority in aggregate principal amount of the outstanding debt securities of the affected series do not give the trustee a direction inconsistent with such request during such 60-day period.

These limitations do not, however, apply to a suit instituted for payment on debt securities of any series on or after the due dates expressed in the debt securities.

We will periodically deliver certificates to the trustee regarding our compliance with our obligations under the indenture.

Modification and Waiver

From time to time, we and the trustee may, without the consent of holders of the debt securities of one or more series, amend the indenture or the debt securities of one or more series, or supplement the indenture, for certain specified purposes, including:

to provide that the surviving entity following a change of control permitted under the indenture will assume all of our obligations under the indenture and debt securities;

to provide for certificated debt securities in addition to uncertificated debt securities;

to comply with any requirements of the SEC under the Trust Indenture Act of 1939;

to provide for the issuance of and establish the form and terms and conditions of debt securities of any series as permitted by the indenture;

to cure any ambiguity, defect or inconsistency, or make any other change that does not materially and adversely affect the rights of any holder; and

to appoint a successor trustee under the indenture with respect to one or more series.

From time to time we and the trustee may, with the consent of holders of at least a majority in principal amount of an outstanding series of debt securities, amend or supplement the indenture or the debt securities series, or waive compliance in a particular instance by us with any provision of the indenture or the debt securities. We may not, however, without the consent of each holder affected by such action, modify or supplement the indenture or the debt securities or waive compliance with any provision of the indenture or the debt securities in order to:

Edgar Filing: Corium International, Inc. - Form 424B5

reduce the amount of debt securities whose holders must consent to an amendment, supplement, or waiver to the indenture or such debt security;

reduce the rate of or change the time for payment of interest or reduce the amount of or postpone the date for payment of sinking fund or analogous obligations;

Table of Contents

reduce the principal of or change the stated maturity of the debt securities;

make any debt security payable in money other than that stated in the debt security;

change the amount or time of any payment required or reduce the premium payable upon any redemption, or change the time before which no such redemption may be made;

waive a default in the payment of the principal of, premium, if any, or interest on the debt securities or a redemption payment;

waive a redemption payment with respect to any debt securities or change any provision with respect to redemption of debt securities; or

take any other action otherwise prohibited by the indenture to be taken without the consent of each holder affected by the action.

Defeasance of Debt Securities and Certain Covenants in Certain Circumstances

The indenture permits us, at any time, to elect to discharge our obligations with respect to one or more series of debt securities by following certain procedures described in the indenture. These procedures will allow us either:

to defease and be discharged from any and all of our obligations with respect to any debt securities except for the following obligations (which discharge is referred to as "legal defeasance"):

1. to register the transfer or exchange of such debt securities;
2. to replace temporary or mutilated, destroyed, lost or stolen debt securities;
3. to compensate and indemnify the trustee; or
4. to maintain an office or agency in respect of the debt securities and to hold monies for payment in trust; or

to be released from our obligations with respect to the debt securities under certain covenants contained in the indenture, as well as any additional covenants which may be contained in the applicable supplemental indenture (which release is referred to as "covenant defeasance").

In order to exercise either defeasance option, we must deposit with the trustee or other qualifying trustee, in trust for that purpose:

money;

U.S. Government Obligations (as described below) or Foreign Government Obligations (as described below) that through the scheduled payment of principal and interest in accordance with their terms will provide money; or

Edgar Filing: Corium International, Inc. - Form 424B5

a combination of money and/or U.S. Government Obligations and/or Foreign Government Obligations sufficient in the written opinion of a nationally-recognized firm of independent accountants to provide money;

that, in each case specified above, provides a sufficient amount to pay the principal of, premium, if any, and interest, if any, on the debt securities of the series, on the scheduled due dates or on a selected date of redemption in accordance with the terms of the indenture.

In addition, defeasance may be effected only if, among other things:

in the case of either legal or covenant defeasance, we deliver to the trustee an opinion of counsel, as specified in the indenture, stating that as a result of the defeasance neither the trust

Table of Contents

nor the trustee will be required to register as an investment company under the Investment Company Act of 1940;

in the case of legal defeasance, we deliver to the trustee an opinion of counsel stating that we have received from, or there has been published by, the Internal Revenue Service a ruling to the effect that, or there has been a change in any applicable federal income tax law with the effect that (and the opinion shall confirm that), the holders of outstanding debt securities will not recognize income, gain or loss for U.S. federal income tax purposes solely as a result of such legal defeasance and will be subject to U.S. federal income tax on the same amounts, in the same manner, including as a result of prepayment, and at the same times as would have been the case if legal defeasance had not occurred;

in the case of covenant defeasance, we deliver to the trustee an opinion of counsel to the effect that the holders of the outstanding debt securities will not recognize income, gain or loss for U.S. federal income tax purposes as a result of covenant defeasance and will be subject to U.S. federal income tax on the same amounts, in the same manner and at the same times as would have been the case if covenant defeasance had not occurred; and

certain other conditions described in the indenture are satisfied.

If we fail to comply with our remaining obligations under the indenture and applicable supplemental indenture after a covenant defeasance of the indenture and applicable supplemental indenture, and the debt securities are declared due and payable because of the occurrence of any undefeased event of default, the amount of money and/or U.S. Government Obligations and/or Foreign Government Obligations on deposit with the trustee could be insufficient to pay amounts due under the debt securities of the affected series at the time of acceleration. We will, however, remain liable in respect of these payments.

The term "U.S. Government Obligations" as used in the above discussion means securities that are direct obligations of or non-callable obligations guaranteed by the United States of America for the payment of which obligation or guarantee the full faith and credit of the United States of America is pledged.

The term "Foreign Government Obligations" as used in the above discussion means, with respect to debt securities of any series that are denominated in a currency other than U.S. dollars, (1) direct obligations of the government that issued or caused to be issued such currency for the payment of which obligations its full faith and credit is pledged or (2) obligations of a person controlled or supervised by or acting as an agent or instrumentality of such government the timely payment of which is unconditionally guaranteed as a full faith and credit obligation by that government, which in either case under clauses (1) or (2), are not callable or redeemable at the option of the issuer.

Regarding the Trustee

We will identify the trustee with respect to any series of debt securities in the prospectus supplement relating to the applicable debt securities. You should note that if the trustee becomes a creditor of ours, the indenture and the Trust Indenture Act of 1939 limit the rights of the trustee to obtain payment of claims in certain cases, or to realize on certain property received in respect of any such claim, as security or otherwise. The trustee and its affiliates may engage in, and will be permitted to continue to engage in, other transactions with us and our affiliates. If, however, the trustee acquires any "conflicting interest" within the meaning of the Trust Indenture Act of 1939, it must eliminate such conflict or resign.

The holders of a majority in principal amount of the then outstanding debt securities of any series may direct the time, method and place of conducting any proceeding for exercising any remedy available to the trustee. If an event of default occurs and is continuing, the trustee, in the exercise of

Table of Contents

its rights and powers, must use the degree of care and skill of a prudent person in the conduct of his or her own affairs. Subject to that provision, the trustee will be under no obligation to exercise any of its rights or powers under the indenture at the request of any of the holders of the debt securities, unless they have offered to the trustee reasonable indemnity or security.

No Individual Liability of Incorporators, Stockholders, Officers or Directors

Each indenture provides that no incorporator and no past, present or future stockholder, officer or director of our company or any successor corporation in those capacities will have any individual liability for any of our obligations, covenants or agreements under the debt securities or such indenture.

Governing Law

The indentures and the debt securities will be governed by, and construed in accordance with, the laws of the State of New York.

Table of Contents

DESCRIPTION OF WARRANTS

General

We may issue warrants for the purchase of our debt securities, preferred stock, common stock, or any combination thereof. Warrants may be issued independently or together with our debt securities, preferred stock or common stock and may be attached to or separate from any offered securities. Each series of warrants will be issued under a separate warrant agreement to be entered into between us and a bank or trust company, as warrant agent. The warrant agent will act solely as our agent in connection with the warrants. The warrant agent will not have any obligation or relationship of agency or trust for or with any holders or beneficial owners of warrants. This summary of certain provisions of the warrants is not complete. For the terms of a particular series of warrants, you should refer to the prospectus supplement for that series of warrants and the warrant agreement for that particular series.

Debt Warrants

The prospectus supplement relating to a particular issue of warrants to purchase debt securities will describe the terms of the debt warrants, including the following:

the title of the debt warrants;

the offering price for the debt warrants, if any;

the aggregate number of the debt warrants;

the designation and terms of the debt securities, including any conversion rights, purchasable upon exercise of the debt warrants;

if applicable, the date from and after which the debt warrants and any debt securities issued with them will be separately transferable;

the principal amount of debt securities that may be purchased upon exercise of a debt warrant and the exercise price for the warrants, which may be payable in cash, securities or other property;

the dates on which the right to exercise the debt warrants will commence and expire;

if applicable, the minimum or maximum amount of the debt warrants that may be exercised at any one time;

whether the debt warrants represented by the debt warrant certificates or debt securities that may be issued upon exercise of the debt warrants will be issued in registered or bearer form;

information with respect to book-entry procedures, if any;

the currency or currency units in which the offering price, if any, and the exercise price are payable;

Edgar Filing: Corium International, Inc. - Form 424B5

if applicable, a discussion of material U.S. federal income tax considerations;

the antidilution provisions of the debt warrants, if any;

the redemption or call provisions, if any, applicable to the debt warrants;

any provisions with respect to the holder's right to require us to repurchase the debt warrants upon a change in control or similar event; and

any additional terms of the debt warrants, including procedures and limitations relating to the exchange, exercise, and settlement of the debt warrants.

Table of Contents

Debt warrant certificates will be exchangeable for new debt warrant certificates of different denominations. Debt warrants may be exercised at the corporate trust office of the warrant agent or any other office indicated in the prospectus supplement. Prior to the exercise of their debt warrants, holders of debt warrants will not have any of the rights of holders of the debt securities purchasable upon exercise and will not be entitled to payment of principal or any premium, if any, or interest on the debt securities purchasable upon exercise.

Equity Warrants

The prospectus supplement relating to a particular series of warrants to purchase our common stock or preferred stock will describe the terms of the warrants, including the following:

the title of the warrants;

the offering price for the warrants, if any;

the aggregate number of warrants;

the designation and terms of the common stock or preferred stock that may be purchased upon exercise of the warrants;

if applicable, the designation and terms of the securities with which the warrants are issued and the number of warrants issued with each security;

if applicable, the date from and after which the warrants and any securities issued with the warrants will be separately transferable;

the number of shares of common stock or preferred stock that may be purchased upon exercise of a warrant and the exercise price for the warrants;

the dates on which the right to exercise the warrants shall commence and expire;

if applicable, the minimum or maximum amount of the warrants that may be exercised at any one time;

the currency or currency units in which the offering price, if any, and the exercise price are payable;

if applicable, a discussion of material U.S. federal income tax considerations;

the antidilution provisions of the warrants, if any;

the redemption or call provisions, if any, applicable to the warrants;

any provisions with respect to a holder's right to require us to repurchase the warrants upon a change in control or similar event; and

Edgar Filing: Corium International, Inc. - Form 424B5

any additional terms of the warrants, including procedures and limitations relating to the exchange, exercise and settlement of the warrants.

Holders of equity warrants will not be entitled:

to vote, consent, or receive dividends;

receive notice as stockholders with respect to any meeting of stockholders for the election of our directors or any other matter; or

exercise any rights as stockholders.

Table of Contents

DESCRIPTION OF SUBSCRIPTION RIGHTS

We may issue subscription rights to purchase our common stock, preferred stock or debt securities. These subscription rights may be offered independently or together with any other security offered hereby and may or may not be transferable by the stockholder receiving the subscription rights in such offering. In connection with any offering of subscription rights, we may enter into a standby arrangement with one or more underwriters or other purchasers pursuant to which the underwriters or other purchasers may be required to purchase any securities remaining unsubscribed for after such offering.

The prospectus supplement relating to any subscription rights we offer, if any, will, to the extent applicable, include specific terms relating to the offering, including some or all of the following:

the price, if any, for the subscription rights;

the exercise price payable for our common stock, preferred stock or debt securities upon the exercise of the subscription rights;

the number of subscription rights to be issued to each stockholder;

the number and terms of our common stock, preferred stock or debt securities which may be purchased per each subscription right;

the extent to which the subscription rights are transferable;

any other terms of the subscription rights, including the terms, procedures and limitations relating to the exchange and exercise of the subscription rights;

the date on which the right to exercise the subscription rights shall commence, and the date on which the subscription rights shall expire;

the extent to which the subscription rights may include an over-subscription privilege with respect to unsubscribed securities or an over-allotment privilege to the extent the securities are fully subscribed; and

if applicable, the material terms of any standby underwriting or purchase arrangement which may be entered into by Corium in connection with the offering of subscription rights.

The description in the applicable prospectus supplement of any subscription rights we offer will not necessarily be complete and will be qualified in its entirety by reference to the applicable subscription rights certificate, which will be filed with the SEC if we offer subscription rights. We urge you to read the applicable subscription rights certificate and any applicable prospectus supplement in their entirety.

DESCRIPTION OF UNITS

We may issue units consisting of some or all of the securities described above, in any combination, including common stock, preferred stock, warrants and/or debt securities. The terms of these units will be set forth in a prospectus supplement. The description of the terms of these units in the related prospectus supplement will not be complete. You should refer to the applicable form of unit and unit agreement for complete information with respect to these units.

LEGAL MATTERS

Fenwick & West LLP, Mountain View, California, will issue an opinion about certain legal matters with respect to the securities. Any underwriters or agents will be advised about legal matters relating to any offering by their own counsel.

Table of Contents

EXPERTS

The financial statements incorporated in this Prospectus by reference from the Company's Annual Report on Form 10-K have been audited by Deloitte & Touche LLP, independent registered public accounting firm, as stated in its reports, which are incorporated herein by reference. Such financial statements have been so incorporated in reliance upon the reports of such firm given upon its authority as experts in accounting and auditing.

Table of Contents

Corium International, Inc.
Up to \$20,000,000 of Shares
Common Stock

PROSPECTUS SUPPLEMENT

December 30, 2015
