

ONCOSEC MEDICAL Inc
Form 424B5
November 05, 2015
[Table of Contents](#)

Filed Pursuant to Rule 424(b)(5)
Registration No. 333-195387

PROSPECTUS SUPPLEMENT
(to the prospectus dated May 12, 2014)

ONCOSEC MEDICAL INCORPORATED

2,142,860 Shares of Common Stock

Warrants to purchase 1,071,430 Shares of Common Stock

1,071,430 shares of Common Stock underlying Warrants

We are offering 2,142,860 shares of our common stock and common stock purchase warrants, or warrants, to purchase 1,071,430 shares of our common stock (and the shares of common stock issuable upon exercise of the warrants). The shares of common stock and warrants will be sold in units, with each unit consisting of one share of common stock and 0.5 of a warrant. Each warrant gives the warrant holder the right to purchase one share of common stock. Each unit will be sold at a negotiated price of \$3.50 per unit. Units will not be issued or certificated. The shares of common stock and warrants are immediately separable and will be issued separately. The warrants have an exercise price of \$4.50 per share of common stock.

Our common stock is quoted for trading on the NASDAQ Capital Market under the symbol ONCS. The last reported sales price of our common stock on the NASDAQ Capital Market on November 3, 2015 was \$4.29 per share. The aggregate market value of our outstanding common stock held by non-affiliates, computed by reference to the last sold price of \$4.29 per share on the NASDAQ Capital Market on November 3, 2015, is approximately \$60.4 million, based on 14,828,354 shares of common stock outstanding, of which 14,074,966 are held by non-affiliates. We have not offered or sold any securities pursuant to General Instruction I.B.6 of Form S-3 during the prior 12 calendar month periods that ends on and includes the date of this prospectus.

Edgar Filing: ONCOSEC MEDICAL Inc - Form 424B5

	Per Share		Total	
Offering Price	\$	3.50	\$	7,500,010
Placement Agent's Fees (1)	\$	0.21	\$	450,001
Proceeds to Us (Before Expenses)	\$	3.29	\$	7,050,010

(1) In addition, we have agreed to issue to the placement agent warrants, to pay to the placement agent a non-accountable expense allowance and to reimburse certain legal and other expenses of the placement agent, all as described under Plan of Distribution.

H.C. Wainwright & Co., LLC has agreed to act as our exclusive placement agent in this offering. The placement agent is not purchasing any of the securities offered by us, and is not required to sell any specific number or dollar amount of securities, but will use its best efforts to sell the securities offered. We have agreed to pay the placement agent a placement fee equal to 6% of the aggregate gross proceeds to us from the sale of the common stock in the offering and to issue to the placement agent warrants to purchase up to an aggregate of 5% of the aggregate number of units sold in the offering, provided that we may choose to pay up to 15% of the amount of the cash fee directly to one or more other broker-dealers acting as financial advisors in the offering. We have engaged Maxim Group LLC (Maxim) and Noble Life Science Partners (Noble) as financial advisors with respect to the offering, and have agreed to pay 7.5% of the placement agent fee to each of Maxim and Noble, respectively, in consideration for their financial advisory services. We estimate total expenses of this offering payable by us, excluding placement agent fees and reimbursements, will be approximately \$50,000. Neither the placement agent warrants nor the shares of our common stock issuable upon exercise of the placement agent warrants are being registered hereby.

Delivery of the shares of common stock is expected to be made on or about November 6, 2015, subject to customary closing conditions.

Investing in our securities involves a high degree of risk. Before deciding whether to invest in our securities, you should review carefully the risks and uncertainties described under the heading Risk Factors beginning on page S-4 of this prospectus supplement. This prospectus supplement should be read in conjunction with and may not be delivered or utilized without the prospectus dated May 12, 2014.

Neither the Securities and Exchange Commission 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.

The date of this prospectus supplement is November 4, 2015.

Table of Contents

TABLE OF CONTENTS

Prospectus Supplement

	Page
<u>PROSPECTUS SUMMARY</u>	S-1
<u>RISK FACTORS</u>	S-4
<u>FORWARD-LOOKING STATEMENTS</u>	S-6
<u>USE OF PROCEEDS</u>	S-7
<u>DILUTION</u>	S-8
<u>DESCRIPTION OF SECURITIES</u>	S-9
<u>PLAN OF DISTRIBUTION</u>	S-11
<u>LEGAL MATTERS</u>	S-13
<u>EXPERTS</u>	S-13
<u>INCORPORATION OF CERTAIN DOCUMENTS BY REFERENCE</u>	S-13
<u>WHERE YOU CAN FIND MORE INFORMATION</u>	S-13

Prospectus

	Page
<u>PROSPECTUS SUMMARY</u>	1
<u>RISK FACTORS</u>	3
<u>FORWARD-LOOKING STATEMENTS</u>	3
<u>RATIO OF EARNINGS TO FIXED CHARGES</u>	3
<u>USE OF PROCEEDS</u>	4
<u>DIVIDEND POLICY</u>	4
<u>DESCRIPTION OF CAPITAL STOCK</u>	5
<u>DESCRIPTION OF THE WARRANTS</u>	7
<u>DESCRIPTION OF THE DEBT SECURITIES</u>	9
<u>PLAN OF DISTRIBUTION</u>	20
<u>LEGAL MATTERS</u>	22
<u>EXPERTS</u>	22
<u>INCORPORATION OF CERTAIN DOCUMENTS BY REFERENCE</u>	23
<u>WHERE YOU CAN FIND MORE INFORMATION</u>	23

Table of Contents

ABOUT THIS PROSPECTUS SUPPLEMENT

This prospectus supplement and the accompanying base prospectus is part of a registration statement that we filed with the Securities and Exchange Commission (SEC) utilizing a shelf registration process. Each time we conduct an offering to sell securities under the accompanying base prospectus we will provide a prospectus supplement that will contain specific information about the terms of that offering, including the price, the amount of securities being offered and the plan of distribution. The shelf registration statement was initially filed with the SEC on April 18, 2014, and was declared effective by the SEC on May 12, 2014. This prospectus supplement describes the specific details regarding this offering and may add, update or change information contained in the accompanying base prospectus. The accompanying base prospectus provides general information about us, some of which, such as the section entitled Plan of Distribution, may not apply to this offering. This prospectus supplement and the accompanying base prospectus are an offer to sell only the securities offered hereby, but only under circumstances and in jurisdictions where it is lawful to do so.

If information in this prospectus supplement is inconsistent with the accompanying base prospectus or the information incorporated by reference, you should rely on this prospectus supplement. This prospectus supplement, together with the base prospectus and the documents incorporated by reference into this prospectus supplement and the base prospectus, includes all material information relating to this offering. We have not authorized anyone to provide you with different or additional information and you must not rely on any unauthorized information or representations. You should assume that the information appearing in this prospectus supplement, the accompanying base prospectus, and the documents incorporated by reference in this prospectus supplement and the accompanying base prospectus is accurate only as of the respective dates of those documents. Our business, financial condition, results of operations and prospects may have changed since those dates. **You should carefully read this prospectus supplement, the base prospectus, the information and documents incorporated herein by reference and the additional information under the heading Where You Can Find More Information before making an investment decision.**

We further note that the representations, warranties and covenants made by us in any agreement that is filed as an exhibit to any document that is incorporated by reference into this prospectus supplement or the accompanying base prospectus were made solely for the benefit of the parties to such agreement, including, in some cases, for the purpose of allocating risk among the parties to such agreements, and should not be deemed to be a representation, warranty or covenant to you. Moreover, such representations, warranties or covenants were accurate only as of the date when made. Accordingly, such representations, warranties and covenants should not be relied on as accurately representing the current state of our affairs.

Unless otherwise mentioned or unless the context requires otherwise, all references in this prospectus to our Company, we, us, our and OncoS refer to OncoSec Medical Incorporated, a Nevada corporation. We own the registered trademarks or trademark applications for OncoSec , ImmunoPulse and NeoPulse . All other trademarks, trade names and service marks included or incorporated by reference into this prospectus supplement, the accompanying base prospectus and any applicable free writing prospectus are the property of their respective owners.

Table of Contents

PROSPECTUS SUMMARY

This prospectus summary highlights information contained elsewhere in this prospectus supplement, the accompanying base prospectus and the documents incorporated by reference. This summary does not contain all of the information that you should consider before deciding to invest in our securities. You should read this entire prospectus supplement and the accompanying base prospectus carefully, including the section entitled Risk Factors beginning on page S-4 and our consolidated financial statements and the related notes and the other information incorporated by reference into this prospectus supplement and the accompanying base prospectus, before making an investment decision.

Our Company

We are a biotechnology company focused on designing, developing and commercializing innovative gene therapies, therapeutics and proprietary medical approaches to stimulate and guide an anti-tumor immune response for the treatment of cancer. The development of a variety of vaccinations to prevent and/or treat infections is arguably one of the greatest achievements in modern medicine and has unequivocally demonstrated that the immune system is a powerful tool that can be manipulated and directed to fight disease. This strategy is now being applied to the fight against cancer, with significant effort and capital being applied by the scientific community to understand the biological interactions between cancers and the immune system and to develop therapeutic approaches that can leverage these mechanisms to improve patient outcomes. Our technology includes intellectual property relating to certain delivery technologies that we refer to as ImmunoPulse™, which is a therapeutic approach based on the use of an electroporation delivery device in combination with DNA-encoded immune targets to treat cancer. Our ImmunoPulse product candidates are based on our proprietary DNA-based immunotherapy technology, which is designed to stimulate the human immune system, resulting in systemic anti-tumor immune responses. Because our candidate therapeutics are plasmid constructs, we expect to benefit from a simpler, more consistent and scalable manufacturing process in comparison to therapies based on patient-derived cells or recombinant proteins. In addition, our portfolio includes an asset that utilizes electroporation delivery with a small-molecule drug, which we refer to as Neopulse™. Our mission is to enable people with cancer to live longer with a better quality of life than otherwise possible or available with existing therapies.

Our lead product candidate, an investigational intratumoral plasmid IL-12 electroporation (pIL-12 EP) monotherapy (ImmunoPulse IL-12), is being studied in a Phase II open label clinical trial. On December 5, 2014, we released top-line six-month data from the first Phase II trial of this product candidate in patients with stage III and IV metastatic melanoma, which was presented in an abstract at the Melanoma Bridge 2014 conference in Naples, Italy. In this Phase II study, 30 patients with stage III and IV melanoma received up to four cycles of pIL-12 EP into superficial cutaneous, subcutaneous and nodal lesions on days 1, 5 and 8 of each 12-week cycle. Tumor responses were evaluated using modified RECIST criteria for cutaneous lesions. The primary endpoint of the study was best overall response rate (bORR) by modified RECIST. In the 29 response-evaluable patients, bORR was 31% (9/29), with 14% (4/29) of patients achieving a complete response and 17% (5/29) of patients having a partial response. Regression of at least one non-injected, non-electroporated lesion was observed in 50% (13/26) of patients. Patients are currently being enrolled into an extension arm of the Phase II trial to evaluate a new six-week treatment cycle. On November 25, 2014, we announced entering into a clinical collaboration with the University of California, San Francisco to evaluate the safety, tolerability, and efficacy of the combination of KEYTRUDA® (pembrolizumab), Merck & Co.'s anti-PD-1 therapy, and OncoSec's ImmunoPulse IL-12 in metastatic melanoma. This is a multicenter study in which the University of California, San Francisco will be the first site of enrollment.

Edgar Filing: ONCOSEC MEDICAL Inc - Form 424B5

The safety and efficacy of intratumoral electroporation with plasmid IL-12 is also being tested in other cancer indications. On December 9, 2014, we announced initiation of a Phase II trial in head and neck squamous cell carcinoma (HNSCC) using our proprietary ImmunoPulse platform. This is a multicenter study in which the University of California, San Francisco will also be the first site of enrollment. The study will enroll patients with treatment-refractory metastatic and unresectable HNSCC, regardless of human papillomavirus status. Additionally, on January 12, 2015, we announced plans to initiate a pilot study to assess ImmunoPulse IL-12 in patients with triple negative breast cancer (TNBC). This pilot study, which will be conducted at Stanford University, is designed to assess whether ImmunoPulse IL-12 increases TNBC tumor immunogenicity by driving a pro-inflammatory cascade of events that leads to increases in cytotoxic tumor-infiltrating lymphocytes.

S-1

Table of Contents

Corporate Information

We were incorporated under the laws of the State of Nevada on February 8, 2008 under the name Netventory Solutions Inc. to pursue the business of inventory management solutions. Effective March 1, 2011, we completed a merger with our subsidiary, OncoSec Medical Incorporated, a Nevada corporation, for the sole purpose of changing our name to OncoSec Medical Incorporated. Our principal executive offices are located at 5820 Nancy Ridge Drive, San Diego, California 92121. The telephone number at our principal executive office is (855) 662-6732. Our website address is www.oncosec.com. Information contained on our website is not deemed part of this prospectus supplement.

Risk Factors

Our business is subject to substantial risks. Please carefully consider the Risk Factors beginning on page S-4 of this prospectus supplement and the other information included and incorporated by reference in this prospectus supplement for a discussion of the factors you should consider carefully before deciding to purchase the securities offered by this prospectus supplement. Additional risks and uncertainties not presently known to us or that we currently deem immaterial may also impair our business operations. You should be able to bear a complete loss of your investment.

The Offering

The following is a brief summary of some of the terms of the offering and is qualified in its entirety by reference to the more detailed information appearing elsewhere in this prospectus supplement and the accompanying prospectus. For a more complete description of the terms of our common stock and the warrants, see the Description of Securities and the Description of Capital Stock section in the accompanying base prospectus.

Securities Offered in This Offering	2,142,860 shares of our common stock, par value \$0.0001 per share, and warrants to purchase up to 1,071,430 shares of our common stock. The shares of common stock and the warrants will be sold in units, with each unit consisting of one share of common stock and 0.5 of a warrant. Each warrant gives the warrant holder the right to purchase one share of common stock. Each unit will be sold at the negotiated price of \$3.50 per unit. Units will not be issued or certificated. The shares of common stock and warrants are immediately separable and will be issued separately. This prospectus supplement also relates to the offering of the shares of common stock issuable upon exercise of the warrants.
Offering Price	\$3.50 per unit.
Common Stock Outstanding Before This Offering	14,828,354 shares. (1)
Common Stock to be Outstanding After This Offering	16,971,214 shares, excluding shares issuable upon exercise of the warrants. (1)
Use of Proceeds	We expect to use the net proceeds received from this offering to continue the advancement of our operational milestones, focusing on discovering and developing immune-oncology product candidates,

utilizing our ImmunoPulse technology, for other working capital and general corporate purposes. See Use of Proceeds on page S-7.

Risk Factors

See Risk Factors beginning on page S-4 and the other information included in this prospectus supplement or incorporated herein by reference for a discussion of factors you should carefully consider before deciding to invest in our common stock.

S-2

Table of Contents

Symbol	Our shares of common stock are quoted for trading on the NASDAQ Capital Market under the symbol ONCS.
--------	---

(1) Excludes the following:

- 3,152,062 shares of common stock issuable upon exercise of options outstanding as of November 3, 2015, of which approximately 885,490 shares are exercisable as of November 3, 2015;
- 646,806 shares of common stock reserved for issuance and available for future grant under our 2011 Stock Incentive Plan, as amended (the 2011 Plan), as of November 3, 2015; and
- 1,895,102 shares of common stock issuable upon exercise of warrants outstanding as of November 3, 2015, which have exercise prices ranging from \$5.20 to \$24 per share.

Table of Contents

RISK FACTORS

Investing in our common stock involves a high degree of risk. Before purchasing our common stock, you should carefully consider the following risk factors as well as all other information contained and incorporated by reference in this prospectus supplement and the accompanying base prospectus, including our consolidated financial statements and the related notes. Each of these risk factors, either alone or taken together, could adversely affect our business, operating results and financial condition, as well as adversely affect the value of an investment in our common stock. There may be additional risks that we do not presently know of or that we currently believe are immaterial, which could also impair our business and financial position. If any of the events described below were to occur, our financial condition, our ability to access capital resources, our results of operations and/or our future growth prospects could be materially and adversely affected and the market price of our common stock could decline. As a result, you could lose some or all of any investment you may make in our common stock.

Risks Related to this Offering and Our Common Stock

You will experience immediate dilution in the book value per share of the common stock you purchase.

The assumed public offering price per share of our common stock in this offering is substantially higher than the book value per share of our common stock. As a result, investors purchasing shares in this offering will suffer immediate and substantial dilution of \$1.17 per share in the net tangible book value of the common stock purchased, based on an assumed public offering price of \$3.50 per share. See **Dilution** on page S-8 of this prospectus supplement for a more detailed discussion of the dilution you will incur if you purchase shares in this offering.

Our management will have broad discretion over the use of the net proceeds from this offering.

We currently anticipate using the net proceeds from this offering for working capital and general corporate purposes, including funding our clinical trials. We have not reserved or allocated specific amounts for these purposes and we cannot specify with certainty how we will use the net proceeds. Accordingly, our management will have considerable discretion in the application of the net proceeds and you will not have the opportunity, as part of your investment decision, to assess whether the proceeds are being used appropriately. The net proceeds may be used for corporate purposes that do not increase our operating results or market value. Until the net proceeds are used, they may be placed in investments that do not produce income or that lose value.

We have never paid dividends on our capital stock, and we do not anticipate paying any cash dividends in the foreseeable future.

The continued operation and potential expansion of our business will require substantial funding. Investors seeking cash dividends in the foreseeable future should not purchase our common stock. We have paid no cash dividends on any of our capital stock to date and we do not anticipate paying any cash dividends on our common stock in the foreseeable future, as we intend to retain our available cash to fund the development and growth of our business. Any determination to pay dividends in the future will be at the discretion of our Board of Directors and will depend upon our results of operations and financial condition, contractual restrictions, restrictions imposed by applicable law, and other factors our Board of Directors deems relevant. Any return to stockholders will therefore be limited to the appreciation of their stock, which may

never occur.

Our common stock is illiquid and the price of our common stock may be negatively impacted by factors which are unrelated to our operations.

Trading of our securities has in the past been highly volatile with low trading volume, and we have only very recently obtained approval to list and trade our securities on a national securities exchange. A sufficient market may never develop for our common stock, in which case it could be difficult for stockholders to sell their shares of our common stock. Additionally, if we are not able to maintain our recently obtained listing on the NASDAQ Capital Market, then our common stock will again be quoted for trading on an over-the-counter quotation system and may be subject to more significant fluctuations in stock price and trading volume. The market price of our common stock could continue to fluctuate substantially. Factors affecting the trading price of our common stock may include:

Table of Contents

- adverse research and development or clinical trial results;
- conducting open-ended clinical trials which could lead to results (success or setbacks) being obtained by the public prior to a formal announcement by us;
- our inability to obtain additional capital;
- announcement that the U.S. Food and Drug Administration (the FDA) has denied our request to approve our products for commercialization in the United States, or similar denial by other regulatory bodies which make independent decisions outside the United States;
- potential negative market reaction to the terms or volume of any issuance of shares of our capital stock to new investors or service providers;
- sales of substantial amounts of our common stock, or the perception that substantial amounts of our common stock will be sold, by us or our stockholders in the public market;
- declining working capital to fund operations, or other signs of apparent financial uncertainty;
- significant advances made by competitors that adversely affect our potential market position; and
- the loss of key personnel and the inability to attract and retain additional highly-skilled personnel.

Table of Contents

FORWARD-LOOKING STATEMENTS

This prospectus supplement, the accompanying base prospectus and the documents we have filed with the SEC that are incorporated herein by reference contain forward-looking statements within the meaning of Section 27A of the Securities Act of 1933, as amended (the Securities Act) and Section 21E of the Exchange Act. In addition, from time to time we or our representatives have made or will make forward-looking statements in various other filings that we make with the SEC or in other documents, including press releases or other similar announcements. Forward-looking statements concern our current plans, intentions, beliefs, expectations and statements of future economic performance. Statements containing terms such as will, may, believe, do not believe, plan, expect, intend, estimate, anticipate and other phrases meaning are considered to be forward-looking statements.

Forward-looking statements are based on our assumptions and are subject to known and unknown risks and uncertainties that could cause actual results to differ materially from those reflected in or implied by these forward-looking statements. Factors that might cause actual results to differ include, without limitation, those set forth under Risk Factors in this prospectus supplement and those discussed in Management s Discussion and Analysis of Financial Condition and Results of Operation, in our most recent Annual Report on Form 10-K and in our future periodic reports filed with the SEC. Readers are cautioned not to place undue reliance on any forward-looking statements contained in this prospectus supplement, the accompanying base prospectus or the documents we have filed with the SEC that are incorporated herein by reference, which reflect management s views and opinions only as of their respective dates. We assume no obligation to update forward-looking statements to reflect actual results, changes in assumptions or changes in other factors affecting such forward-looking statements, except to the extent required by applicable securities laws. You are advised, however, to consult any additional disclosures we have made or will make in the filings we make with the SEC, including reports on Forms 10-K, 10-Q and 8-K. All subsequent forward-looking statements attributable to us or persons acting on our behalf are expressly qualified in their entirety by the cautionary statements contained in this prospectus supplement, the accompanying base prospectus or any related issuer free writing prospectus.

Table of Contents

USE OF PROCEEDS

We estimate the net proceeds to us from the sale of the securities offered hereby, after deducting estimated placement agent fees and our other estimated offering expenses, will be approximately \$6.9 million.

We expect to use the net proceeds from this offering for to continue the advancement of our operational milestones, focusing on discovering and developing immune-oncology product candidates, utilizing our ImmunoPulse technology, for other working capital and general corporate purposes. We may also use a portion of these proceeds for the potential acquisition of, or investment in, product candidates, technologies, formulations or companies that complement our business, although we have no current understandings, commitments, or agreements to do so. If we receive the maximum amount of proceeds to be potentially obtained in this offering, we expect such proceeds would provide funding for our operations for at least three months. Our management will have significant flexibility in applying the net proceeds of this offering. Until the funds are used as described above, we intend to invest the net proceeds from this offering in interest-bearing money market accounts and short-term certificates of deposit.

Table of Contents**DILUTION**

If you invest in our common stock, you will experience dilution to the extent of the difference between the price per share you pay in this offering and the net tangible book value per share of our common stock immediately after this offering.

Our net tangible book value (deficit) as of July 31, 2015 was approximately \$32,695,621, or approximately \$2.20 per share. Net tangible book value (deficit) per share is determined by dividing our total tangible assets, less total liabilities, by the number of outstanding shares of our common stock. After giving effect to the assumed sale of 2,142,860 shares of our common stock in this offering and after deducting fees and estimated offering expenses payable by us, our adjusted net tangible book value (deficit) as of July 31, 2015 would have been approximately \$39,614,630, or approximately \$2.33 per share. This represents an immediate increase in net tangible book value (deficit) of approximately \$0.13 per share to our existing stockholders and an immediate dilution in net tangible book value (deficit) of approximately \$1.17 per share to investors participating in this offering. The following table illustrates this calculation on a per share basis:

Offering price per share of common stock		\$	3.50
Net tangible book value (deficit) per share as of July 31, 2015	\$	2.20	
Increase per share attributable to investors participating in this offering		0.13	
Adjusted net tangible book value (deficit) per share after this offering			2.33
Dilution per share to investors participating in this offering			1.17

The above discussion and table are based on 14,828,354 shares of common stock issued and outstanding as of November 3, 2015 and exclude:

- 3,152,062 shares of common stock issuable upon exercise of options outstanding as of November 3, 2015, of which approximately 885,490 shares are exercisable as of November 3, 2015;
- 646,806 shares of common stock reserved for issuance and available for future grant under the 2011 Plan as of November 3, 2015; and
- 1,895,102 shares of common stock issuable upon exercise of warrants outstanding as of November 3, 2015, which have exercise prices ranging from \$5.20 to \$24 per share.
- Up to 1,071,430 shares of common stock issuable upon exercise of warrants at an exercise price of \$4.50 per share sold as a part of this offering.

- Up to 107,143 shares of common stock issuable upon exercise of warrants at an exercise price of \$4.375 to be issued to the placement agent in this offering.

The above illustration of dilution per share to investors participating in this offering assumes no exercise of outstanding options to purchase our common stock. The exercise of outstanding options having an exercise price less than the offering price will increase dilution to new investors. In addition, we may choose to raise additional capital depending on market conditions, our capital requirements and strategic considerations, even if we believe we have sufficient funds for our current or future operating plans. To the extent that additional capital is raised through the sale of equity or convertible debt securities, the issuance of these securities could result in further dilution to our stockholders.

Table of Contents

DESCRIPTION OF SECURITIES

We are offering up to 2,142,860 shares of our common stock and common stock purchase warrants, or warrants, to purchase 1,071,430 shares of our common stock. This prospectus supplement also relates to the offering of shares of our common stock upon the exercise, if any, of the warrants issued in this offering.

Common Stock

Pursuant to our articles of incorporation, we are currently authorized to issue 160,000,000 shares of common stock, par value \$0.0001 per share. As of November 3, 2015, there were 14,828,354 shares of our common stock outstanding.

Voting Rights

The outstanding shares of our common stock are fully paid and non-assessable. Holders of our common stock are entitled to one vote, in person or by proxy, for each share held of record on all matters submitted to a vote of the stockholders. Except as otherwise provided by applicable law, holders of our common stock are not entitled to cumulative voting of their shares in elections of directors.

Dividends

Subject to the provisions of applicable law, including the Nevada Revised Statutes, the holders of shares of our common stock are entitled to receive, when and as declared by the board of directors, dividends or other distributions (whether payable in cash, property, or securities of OncoSec) out of the assets of OncoSec legally available for such dividends or other distributions.

Other Rights

No stockholder of OncoSec has any preemptive right under our articles of incorporation to subscribe for, purchase, or otherwise acquire shares of any class or series of capital stock of OncoSec. The shares of our common stock are not subject to redemption by operation of a sinking fund or otherwise. In the event of any liquidation, dissolution, or winding up of OncoSec, subject to the rights, if any, of the holders of other classes of our capital stock, the holders of shares of our common stock are entitled to receive any of our assets available for distribution to our stockholders ratably in proportion to the number of shares held by them.

Our common stock is traded on the NASDAQ Capital Market under the symbol ONCS .

Warrants

The material terms and provisions of the warrants being offered pursuant to this prospectus supplement and the accompanying prospectus are summarized below. This summary is subject to and qualified in its entirety by the form of warrant, which will be provided to each investor in this offering and will be filed on a Current Report on Form 8-K in connection with this offering.

We are offering warrants to purchase up to 1,071,430 shares of our common stock to purchasers in this offering. Each warrant entitles the holder to purchase one share of common stock at an exercise price of \$4.50 per share. The warrants are exercisable on May 6, 2016 and have an exercise term equal to five years. The exercise of the warrants is subject to certain exercise limitations, such that the holder may not exercise the warrants if such exercise results in the holder becoming the beneficial owner of more than 4.99% of the number of shares of common stock outstanding immediately after giving effect to such exercise, provided that upon at least 61 days prior notice to us, the holder may increase or decrease such limitation up to a maximum of 9.99% of the number of shares of common stock outstanding.

Table of Contents

The warrants provide for the adjustment of the exercise price and number of shares issuable upon exercise of the warrants in connection with stock dividends and splits, such that the number of shares issuable upon exercise of the warrant is adjusted in proportion to the change in the number of shares outstanding and the aggregate exercise price of the warrant remains unchanged. In addition, if we grant, issue or sell any common stock equivalents or rights to purchase stock, warrants, securities or other property pro rata to the record holders of any class of shares of common stock (and not the holder of the warrant), then the warrant holder will be entitled to acquire, upon the terms applicable to such purchase rights, the aggregate purchase rights which the holder could have acquired if the holder had held the number of shares of common stock acquirable upon complete exercise of the warrant. If we declare or make any dividend or other distribution of our assets to holders of our common stock, the warrant holder shall be entitled to participate in the distribution to the same extent that the holder would have participated therein if the holder had held the number of shares of common stock acquirable upon complete exercise of the warrant. Other than as described above, the warrants do not contain anti-dilution provisions.

Upon the reclassification, reorganization or recapitalization of our common stock, our merger or consolidation with or into another entity, the consummation of a stock purchase agreement whereby more than 50% of the outstanding shares of the common stock are acquired by another person or entity, or a sale or other disposition of substantially all of our assets, the holder of each of the warrants is entitled to receive the number of shares of our common stock or the common stock of our successor or acquirer that such holder would have been entitled to receive immediately prior to such transaction, and the exercise price for such shares shall be adjusted based on the amount of any alternate consideration receivable as a result of such transaction by a holder of the number of shares of common stock for which the warrant is exercisable immediately prior to such transaction. The holder of the warrant may also require us or any successor entity to purchase the warrant from the holder by paying to the holder an amount of cash equal to the Black Scholes value of the remaining unexercised portion of the warrant on the date of the consummation of the transaction.

In addition, we have agreed to issue to the placement agent warrants to purchase up to 5% of the aggregate number of shares of common stock sold in this offering. The placement agent warrants shall have the same terms as the warrants issued to the purchasers in this offering, except that the exercise price shall be 125% of the public offering price per share and the expiration date shall be five years from the effective date of the registration statement of which this prospectus forms a part. The placement agent warrants do not have anti-dilution protections and are not transferable for 180 days from the date of the closing of the offering. The warrants and the shares underlying the warrants issuable to the placement agent in the offering are not being registered under the registration statement of which this prospectus forms a part.

Table of Contents

PLAN OF DISTRIBUTION

We are offering 2,142,860 shares of our common stock and common stock purchase warrants, or warrants, to purchase 1,071,430 shares of our common stock. This prospectus supplement also relates to the offering of shares of our common stock upon the exercise, if any, of the warrants issued in this offering.

We have entered into a securities purchase agreement directly with the investors in this offering. The securities purchase agreement contains customary representations, warranties and covenants for transactions of this type. These representations, warranties and covenants were made solely for purposes of the securities purchase agreement and should not be relied upon by any of our investors who are not parties to the agreement, nor should any such investor rely upon any descriptions thereof as characterizations of the actual state of facts or conditions. Such investors are not third-party beneficiaries under the securities purchase agreement.

We are offering the securities to the investors through H.C. Wainwright & Co., LLC (Wainwright), which has agreed to act as our exclusive placement agent in connection with the offering pursuant to the terms of a placement agent agreement with us. The placement agent is not purchasing the securities offered by us and is not required to arrange the purchase or sale of any specific number or dollar amount of securities, but rather has agreed, subject to the terms and conditions of the placement agent agreement, to use its reasonable best efforts to arrange for the sale of the securities by introducing us to selected institutional investors who will purchase the securities offered in this offering directly from us. The placement agent agreement terminates upon the closing of this offering or may be terminated by the placement agent or us at any time upon ten days prior written notice.

We have agreed to pay the placement agent a placement fee equal to 6.5% of the aggregate gross proceeds to us from the sale of the common stock in this offering. Maxim Group LLC (Maxim) and Noble Life Science Partners (Noble) will each act as our financial advisors in connection with this offering. Under our arrangements with Maxim and Noble, they will provide us with certain financial advisory services in connection with this offering, including, among other things, arranging meetings with institutional investors and rendering general advice with respect to corporate finance matters. Pursuant to the terms of the placement agent agreement, we are permitted to pay up to 15% of the amount of the placement fee otherwise payable to Wainwright directly to Maxim and Noble, provided that the aggregate amount of the cash fee payable to Wainwright, Maxim and Noble collectively shall not exceed 6% of the gross proceeds of this offering. In addition, subject to compliance with Financial Industry Regulatory Authority (FINRA) Rule 5110(f)(2)(D), we have agreed to pay to Wainwright a non-accountable expense allowance equal to 1% of the aggregate gross proceeds of the offering and to reimburse Wainwright for legal fees in the amount of \$50,000 and fees associated with its clearing firm in the amount of \$6,000. We estimate that the total expenses of this offering payable by us, excluding placement agent fees and reimbursements, will be approximately \$50,000. The following table shows the per share and total fees we will pay to the placement agent, assuming the sale of all of the securities offered hereby.

Per share	\$	0.25
Total	\$	531,001

In addition to the cash fees set forth above, we have agreed to issue to Wainwright warrants to purchase up to an aggregate of 5% of the aggregate number of shares of common stock sold in this offering. The placement agent warrants will be exercisable on May 9, 2016, will have an exercise price of \$4.375 per share and will have an expiration date of November 6, 2020, which is five years after the effective date of this registration statement. Neither the warrants nor the shares underlying the warrants to be issued to our placement agent and our financial advisors for this offering are being registered under the registration statement of which this prospectus supplement forms a part.

Edgar Filing: ONCOSEC MEDICAL Inc - Form 424B5

We have agreed to indemnify the placement agent against certain liabilities under the Securities Act. The placement agent may be deemed to be an underwriter within the meaning of Section 2(a)(ii) of the Securities Act and any commissions received by it and any profit realized on the sale of securities by it while acting as principal might be deemed to be underwriting discounts or commissions under the Securities Act. The placement agent is required to comply with the requirements of the Securities Act and the Exchange Act, including without limitation,

S-11

Table of Contents

Rule 10b-5 and Regulation M under the Exchange Act. These rules and regulations may limit the timing of purchases and sales of shares of common stock and warrants to purchase shares of common stock by the placement agent. Under these rules and regulations, the placement agent may not (i) engage in any stabilization activity in connection with our securities or (ii) bid for or purchase any of our securities or attempt to induce any person to purchase any of our securities, other than as permitted under the Exchange Act, until it has completed its participation in the distribution. The placement agent has informed us that it will not engage in overallotment, stabilizing transactions or syndicate covering transactions in connection with this offering.

We currently anticipate that the closing of the sale of the shares of common stock offered pursuant to this prospectus supplement will take place on or about November 6, 2015. The placement agent agreement provides that the obligations of the placement agent and the investors to close this offering are subject to certain conditions, including the absence of any material adverse change in our business and the receipt of customary legal opinions, letters and certificates.

This prospectus supplement will be distributed to the investors who agree to purchase the securities and will inform the investors of the closing date as to such securities. The investors will also be informed of the date and manner in which they must transmit the purchase price for their shares. We will deposit the shares of our common stock with The Depository Trust Company once the funds to purchase such shares have been received. At the closing, The Depository Trust Company will credit the shares to the account of the investors.

The foregoing descriptions of the securities purchase agreement and the placement agent agreement are only summaries, do not purport to be complete and are qualified in their entirety by reference to the securities purchase agreement and the placement agent agreement, copies of which are attached as exhibits to our Current Report on Form 8-K filed with the SEC in connection with this offering and are incorporated herein by reference.

Our common stock is quoted for trading on the NASDAQ Capital Market under the symbol ONCS. The transfer agent for our common stock is Nevada Agency and Transfer Company. Our transfer agent's address is 50 West Liberty Street, Suite 880, Reno, Nevada 89501.

Table of Contents

LEGAL MATTERS

The validity of the securities offered by this prospectus supplement will be passed upon for us by McDonald Carano Wilson LLP, Reno, Nevada and certain other legal matters will be passed upon for us by Morrison & Foerster LLP, San Diego, California. Ellenoff Grossman & Schole, LLP, New York, New York, is acting as counsel for the placement agent in connection with this offering.

EXPERTS

The financial statements incorporated by reference in this prospectus supplement have been so incorporated by reference in reliance upon the reports of Mayer Hoffman McCann P.C., independent registered public accounting firm, given upon its authority as experts in accounting and auditing.

INCORPORATION OF CERTAIN DOCUMENTS BY REFERENCE

The SEC allows us to incorporate by reference the information we file with it. This means that we can disclose important information to you in this prospectus by referring you to another document. The information incorporated by reference is considered to be a part of this prospectus supplement. We incorporate by reference the documents listed below that we have previously filed with the SEC (excluding any portions of any Form 8-K that are not deemed filed pursuant to the General Instructions of Form 8-K):

- our Annual Report on Form 10-K for the fiscal year ended July 31, 2015 filed with the SEC on October 14, 2015;
- our Current Reports on Form 8-K filed with the SEC on October 30, 2015; and
- the description of our common stock contained in our Registration Statement on Form 8-A filed with the SEC on May 27, 2015, including any amendments or reports filed for the purpose of updating such description.

We also incorporate by reference into this prospectus additional documents that we may file with the SEC under Sections 13(a), 13(c), 14 or 15(d) of the Exchange Act prior to the completion or termination of the offering, but excluding any information deemed furnished and not filed with the SEC. Any statement contained in a previously filed document is deemed to be modified or superseded for purposes of this prospectus supplement to the extent that a statement contained in this prospectus supplement or in a subsequently filed document incorporated by reference herein modifies or supersedes the statement.

Edgar Filing: ONCOSEC MEDICAL Inc - Form 424B5

We will provide without charge to each person, including any beneficial owner, to whom a prospectus supplement is delivered, on written or oral request of that person, a copy of any or all of the documents we are incorporating by reference into this prospectus supplement, other than exhibits to those documents unless such exhibits are specifically incorporated by reference into those documents. Such written requests should be addressed to:

OncoSec Medical Incorporated

5820 Nancy Ridge Drive

San Diego, California 92121

Attention: Investor Relations

You may also make such requests by contacting us at (858) 662-6732.

WHERE YOU CAN FIND MORE INFORMATION

We have filed with the SEC a registration statement under the Securities Act that registers the securities offered hereby. The registration statement, including the exhibits and schedules attached thereto and the information incorporated by reference therein, contains additional relevant information about the securities and our Company, which we are allowed to omit from this prospectus supplement pursuant to the rules and regulations of the SEC. In addition, we file annual, quarterly and current reports and proxy statements and other information with the SEC. You may read and copy any document that we file at the SEC's Public Reference Room at 100 F Street, N.E., Washington, D.C. 20549. Please call the SEC at 1-800-SEC-0330 for further information on the Public Reference Room. Our SEC filings are also available on the SEC's website at <http://www.sec.gov>. Copies of certain information filed by us with the SEC are also available on our website at <http://www.oncosec.com>. We have not incorporated by reference into this prospectus supplement the information on our website, and you should not consider it to be a part of this document.

Table of Contents

PROSPECTUS

\$75,000,000

ONCOSEC MEDICAL INCORPORATED

By this prospectus, we may offer, from time to time:

- Common stock
- Warrants
- Debt securities

All of the securities listed above may be sold separately or as units with other securities.

This prospectus may not be used to sell securities unless accompanied by a prospectus supplement, which will describe the method and the terms of the offering. We will provide you with specific amount, price and terms of the applicable offered securities in one or more supplements to this prospectus. You should read this prospectus and any supplement carefully before you purchase any of our securities.

Our common stock is listed on OTC Markets Group, Inc.'s OTCQB tier (OTCQB) under the symbol ONCS. On May 6, 2014, the closing price of our common stock on the OTCQB was \$0.77 per share.

Investing in our securities involves risk. Please carefully read the information under Risk Factors beginning on page 3 for information you should consider before investing in our securities.

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.

Edgar Filing: ONCOSEC MEDICAL Inc - Form 424B5

We may offer the securities in amounts, at prices and on terms determined at the time of offering. We may sell the securities directly to you, through agents we select, or through underwriters and dealers we select. If we use agents, underwriters or dealers to sell the securities, we will name them and describe their compensation in a prospectus supplement. In addition, the underwriters may overallocate a portion of the securities. For additional information regarding the methods of sale of our securities, you should refer to the section entitled "Plan of Distribution" in this prospectus.

This prospectus is dated May 12, 2014

Table of Contents

TABLE OF CONTENTS

	Page
<u>PROSPECTUS SUMMARY</u>	1
<u>RISK FACTORS</u>	3
<u>FORWARD-LOOKING STATEMENTS</u>	3
<u>RATIO OF EARNINGS TO FIXED CHARGES</u>	3
<u>USE OF PROCEEDS</u>	4
<u>DIVIDEND POLICY</u>	4
<u>DESCRIPTION OF CAPITAL STOCK</u>	5
<u>DESCRIPTION OF THE WARRANTS</u>	7
<u>DESCRIPTION OF THE DEBT SECURITIES</u>	9
<u>PLAN OF DISTRIBUTION</u>	20
<u>LEGAL MATTERS</u>	22
<u>EXPERTS</u>	22
<u>INCORPORATION OF CERTAIN DOCUMENTS BY REFERENCE</u>	23
<u>WHERE YOU CAN FIND MORE INFORMATION</u>	23

Table of Contents

ABOUT THIS PROSPECTUS

This prospectus is part of a registration statement on Form S-3 that we filed with the Securities and Exchange Commission, or the SEC, using a shelf registration process. Under this shelf process, we may, from time to time, offer or sell any combination of the securities described in this prospectus in one or more offerings.

This prospectus provides you with a general description of the securities offered by us. Each time we sell securities, we will provide a prospectus supplement that will contain specific information about the terms of that offering. The prospectus supplement may also add to, update or change information contained in the prospectus and, accordingly, to the extent inconsistent, information in this prospectus is superseded by the information in the prospectus supplement.

The prospectus supplement to be attached to the front of this prospectus may describe, as applicable: the terms of the securities offered; the initial public offering price; the price paid for the securities; net proceeds; and the other specific terms related to the offering of the securities.

You should only rely on the information contained or incorporated by reference in this prospectus and any prospectus supplement or issuer free writing prospectus relating to a particular offering. No person has been authorized to give any information or make any representations in connection with this offering other than those contained or incorporated by reference in this prospectus, any accompanying prospectus supplement and any related issuer free writing prospectus in connection with the offering described herein and therein, and, if given or made, such information or representations must not be relied upon as having been authorized by us. Neither this prospectus nor any prospectus supplement nor any related issuer free writing prospectus shall constitute an offer to sell or a solicitation of an offer to buy offered securities in any jurisdiction in which it is unlawful for such person to make such an offering or solicitation. This prospectus does not contain all of the information included in the registration statement. For a more complete understanding of the offering of the securities, you should refer to the registration statement, including its exhibits. You should read the entire prospectus and any prospectus supplement and any related issuer free writing prospectus, as well as the documents incorporated by reference into this prospectus or any prospectus supplement or any related issuer free writing prospectus, before making an investment decision. Neither the delivery of this prospectus or any prospectus supplement or any issuer free writing prospectus nor any sale made hereunder shall under any circumstances imply that the information contained or incorporated by reference herein or in any prospectus supplement or issuer free writing prospectus is correct as of any date subsequent to the date hereof or of such prospectus supplement or issuer free writing prospectus, as applicable.

Table of Contents

PROSPECTUS SUMMARY

The following summary highlights information contained in this prospectus or incorporated by reference. While we have included what we believe to be the most important information about our company and this offering, the following summary may not contain all the information that may be important to you. You should read this entire prospectus carefully, including the risks of investing discussed under Risk Factors beginning on page 3, the information to which we refer you and the information incorporated into this prospectus by reference, for a complete understanding of our business and this offering. References in this prospectus to our company, we, our, OncoSec and us refer to OncoSec Medical Incorporated, a Nevada corporation.

OncoSec Medical Incorporated

Overview

We are an emerging drug-medical device and therapeutic company focused on designing, developing and commercializing innovative and proprietary medical approaches for the treatment of solid tumors where currently approved therapies are inadequate based on their efficacy or side-effects. Initially, we provided online inventory services to small and medium sized companies. In March 2011, we acquired certain assets related to the use of drug-medical device combination products for the treatment of various cancers. With this acquisition, we have abandoned our efforts in the online inventory services industry and are focusing our efforts in the biomedical industry. Our goal is to improve the lives of people suffering from the life-altering effects of cancer through the development of our novel treatment approaches.

Corporate Information

We were incorporated under the laws of the State of Nevada on February 8, 2008 under the name Netventory Solutions Inc. to pursue the business of inventory management solutions. Effective March 1, 2011, we completed a merger with our subsidiary, OncoSec Medical Incorporated, a Nevada corporation which was incorporated solely to effect a change in our name. As a result, we have changed our name from Netventory Solutions Inc. to OncoSec Medical Incorporated. Our principal executive offices are located at 9810 Summers Ridge Road, Suite 110, San Diego, California 92121. The telephone number at our principal executive office is (858) 662-6732. Our website address is www.oncosec.com. Information contained on our website is not deemed part of this prospectus.

The Securities We May Offer

We may offer up to \$75.0 million of common stock, warrants and debt securities in one or more offerings and in any combination. This prospectus provides you with a general description of the securities we may offer. A prospectus supplement, which we will provide each time we offer securities, will describe the specific amounts, prices and terms of these securities.

Edgar Filing: ONCOSEC MEDICAL Inc - Form 424B5

We may sell the securities to or through underwriters, dealers or agents or directly to purchasers or as otherwise set forth below under Plan of Distribution. We, as well as any agents acting on our behalf, reserve the sole right to accept and to reject in whole or in part any proposed purchase of securities. Each prospectus supplement will set forth the names of any underwriters, dealers, agents or other entities involved in the sale of securities described in that prospectus supplement and any applicable fee, commission or discount arrangements with them.

Common Stock

We may offer shares of our common stock, par value \$0.0001 per share, either alone or underlying other registered securities convertible into our common stock. Holders of our common stock are entitled to receive dividends declared by our board of directors out of funds legally available for the payment of dividends. Currently, we do not pay a dividend. Each holder of common stock is entitled to one vote per share. The holders of common stock have no preemptive rights.

Table of Contents

Warrants

We may issue warrants for the purchase of common stock or debt securities. We may issue warrants independently or together with other securities.

Debt Securities

We may offer secured or unsecured obligations in the form of one or more series of senior or subordinated debt. The senior debt securities and the subordinated debt securities are together referred to in this prospectus as the debt securities. The senior debt securities will have the same rank as all of our other unsubordinated debt. The subordinated debt securities generally will be entitled to payment only after payment of our senior debt. Senior debt generally includes all debt for money borrowed by us, except debt that is stated in the instrument governing the terms of that debt to be not senior to, or to have the same rank in right of payment as, or to be expressly junior to, the subordinated debt securities. We may issue debt securities that are convertible into shares of our common stock.

The senior and subordinated debt securities will be issued under separate indentures between us and a trustee. We have summarized the general features of the debt securities to be governed by the indentures. These indentures have been filed as exhibits to the registration statement of which this prospectus forms a part. We encourage you to read these indentures. Instructions on how you can get copies of these documents are provided under the heading **Where You Can Find More Information**.

Table of Contents**RISK FACTORS**

An investment in our securities involves a high degree of risk. The prospectus supplement applicable to each offering of our 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. Each of the referenced risks and uncertainties could adversely affect our business, operating results and financial condition, as well as adversely affect the value of an investment in our securities.

FORWARD-LOOKING STATEMENTS

This prospectus and the registration statement of which it forms a part, any prospectus supplement, any related issuer free writing prospectus and the documents incorporated by reference into these documents contain forward-looking statements within the meaning of Section 27A of the Securities Act of 1933 and Section 21E of the Securities Exchange Act of 1934. Forward-looking statements deal with our current plans, intentions, beliefs and expectations and statements of future economic performance. Statements containing terms such as "believe," "do not believe," "plan," "expect," "intend," "estimate," "anticipate" and other phrases of similar meaning are considered to contain uncertainty and are forward-looking statements. In addition, from time to time we or our representatives have made or will make forward-looking statements orally or in writing. Furthermore, such forward-looking statements may be included in various filings that we make with the SEC, or press releases or oral statements made by or with the approval of one of our authorized executive officers. These forward-looking statements are subject to certain known and unknown risks and uncertainties, as well as assumptions that could cause actual results to differ materially from those reflected in these forward-looking statements. Factors that might cause actual results to differ include, but are not limited to, those set forth under Item 1A, "Risk Factors," and Item 7, "Management's Discussion and Analysis of Financial Condition and Results of Operation," in our most recent Annual Report on Form 10-K and in our future filings made with the SEC. Readers are cautioned not to place undue reliance on any forward-looking statements contained in this prospectus, any prospectus supplement or any related issuer free writing prospectus, which reflect management's opinions only as of their respective dates. Except as required by law, we undertake no obligation to revise or publicly release the results of any revisions to any forward-looking statements. You are advised, however, to consult any additional disclosures we have made or will make in our reports to the SEC on Forms 10-K, 10-Q and 8-K. All subsequent written and oral forward-looking statements attributable to us or persons acting on our behalf are expressly qualified in their entirety by the cautionary statements contained in this prospectus, any prospectus supplement or any related issuer free writing prospectus.

RATIO OF EARNINGS TO FIXED CHARGES

The following table sets forth our ratio of earnings to fixed charges on a historical basis for each of the periods indicated. You should read these ratios in connection with our consolidated financial statements, including the notes to those statements, incorporated by reference in this prospectus.

(In thousands, except ratios)	Fiscal Year Ended July 31,				
	2009*	2010*	2011	2012	2013
Ratio of earnings to fixed charges					
Deficiency of earnings to fixed charges	34	37	3,800	2,400	7,150

Edgar Filing: ONCOSEC MEDICAL Inc - Form 424B5

*Prior to March 2011, we provided online inventory solutions. In March 2011, we abandoned our efforts in the online inventory services industry and are focusing our efforts in the biomedical industry. We are a development stage biomedical company; therefore, our ratio coverage is less than 1:1.

Table of Contents

USE OF PROCEEDS

Unless otherwise indicated in the prospectus supplement, the net proceeds from the sale of securities offered by this prospectus will be used for general corporate purposes and working capital requirements, which may include, among other things, the repayment or repurchase of debt obligations and other capital expenditures. We may also use a portion of the net proceeds for licensing or acquiring intellectual property or technologies to incorporate into our products and product candidates or our research and development programs, capital expenditures, to fund possible investments in and acquisitions of complementary businesses or partnerships. We have not determined the amounts we plan to spend on the areas listed above or the timing of these expenditures, and we have no current plans with respect to acquisitions as of the date of this prospectus. As a result, unless otherwise indicated in the prospectus supplement, our management will have broad discretion to allocate the net proceeds of the offerings. Pending their ultimate use, we intend to invest the net proceeds in a variety of securities, including commercial paper, government and non-government debt securities and/or money market funds that invest in such securities.

DIVIDEND POLICY

We have never paid cash dividends on our common stock. Moreover, we do not anticipate paying periodic cash dividends on our common stock for the foreseeable future. We intend to use all available cash and liquid assets in the operation and growth of our business. Any future determination about the payment of dividends will be made at the discretion of our board of directors and will depend upon our earnings, if any, capital requirements, operating and financial conditions and on such other factors as our board of directors deems relevant.

Table of Contents

DESCRIPTION OF CAPITAL STOCK

General

The following summary of the material features of our capital stock does not purport to be complete and is subject to, and qualified in its entirety by, the provisions of our articles of incorporation, as amended, our amended and restated bylaws, the Nevada Revised Statutes and other applicable law. For information on how to obtain copies of our articles of incorporation and bylaws, which are exhibits to the registration statement of which this prospectus is a part, see [Where You Can Find More Information](#).

Pursuant to our articles of incorporation, we are currently authorized to issue 3,200,000,000 shares of common stock, par value \$0.0001 per share. As of April 17, 2014, there were 215,937,083 shares of our common stock outstanding.

Common stock

Voting Rights

The outstanding shares of our common stock are fully paid and non-assessable. Holders of our common stock are entitled to one vote, in person or by proxy, for each share held of record on all matters submitted to a vote of the stockholders. Except as otherwise provided by applicable law, holders of our common stock are not entitled to cumulative voting of their shares in elections of directors.

Dividends

Subject to the provisions of applicable law, including the Nevada Revised Statutes, the holders of shares of our common stock are entitled to receive, when and as declared by the board of directors, dividends or other distributions (whether payable in cash, property, or securities of OncoSec) out of the assets of OncoSec legally available for such dividends or other distributions.

Other Rights

No stockholder of OncoSec has any preemptive right under our articles of incorporation to subscribe for, purchase, or otherwise acquire shares of any class or series of capital stock of OncoSec. The shares of our common stock are not subject to redemption by operation of a sinking fund or otherwise. In the event of any liquidation, dissolution, or winding up of OncoSec, subject to the rights, if any, of the holders of other classes of our capital stock, the holders of shares of our common stock are entitled to receive any of our assets available for distribution to our

stockholders ratably in proportion to the number of shares held by them.

Our common stock is traded on the OTCQB Marketplace under the symbol ONCS .

Liability and Indemnification of Directors and Officers

The Nevada Revised Statutes provide us with the power to indemnify any of our directors and officers. The director or officer must have conducted himself/herself in good faith and reasonably believe that his/her conduct was in, or not opposed to, our best interests. In a criminal action, the director or officer must not have had reasonable cause to believe his/her conduct was unlawful.

Under applicable sections of the Nevada Revised Statutes, advances for expenses may be made by agreement if the director or officer affirms in writing that he/she believes he/she has met the standards and will personally repay the expenses if it is determined the officer or director did not meet the standards.

Our bylaws include an indemnification provision under which we must indemnify any of our directors or officers, or any of our former directors or officers, to the full extent permitted by law. If Section 2115 of the California Corporations Code is applicable to us, certain laws of California relating to the indemnification of directors, officer and others also will govern.

Table of Contents

At present, there is no pending litigation or proceeding involving any of our directors or officers for which indemnification is sought, nor are we aware of any threatened litigation that is likely to result in claims for indemnification. We also maintain insurance policies that indemnify our directors and officers against various liabilities, including liabilities arising under the Securities Act, which may be incurred by any director or officer in his or her capacity as such.

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

Anti-Takeover Provisions of Nevada State Law

Some features of the Nevada Revised Statutes, which are further described below, may have the effect of deterring third parties from making takeover bids for control of us or may be used to hinder or delay a takeover bid. This would decrease the chance that our stockholders would realize a premium over market price for their shares of common stock as a result of a takeover bid.

Acquisition of Controlling Interest

The Nevada Revised Statutes contain provisions governing acquisition of a controlling interest of a Nevada corporation. These provisions provide generally that any person or entity that acquires a certain percentage of the outstanding voting shares of a Nevada corporation may be denied voting rights with respect to the acquired shares, unless certain criteria are satisfied. Our Amended and Restated Bylaws provide that these provisions will not apply to us or to any existing or future stockholder or stockholders.

Combination with Interested Stockholder

The Nevada Revised Statutes contain provisions governing the combination of a Nevada corporation that has 200 or more stockholders of record with an interested stockholder. These provisions may have the effect of delaying or making it more difficult to affect a change in control of our company.

A corporation affected by these provisions may not engage in a combination within three years after the interested stockholder acquires his, her or its shares unless the combination or purchase is approved by the board of directors before the interested stockholder acquired such shares. Generally, if approval is not obtained, then after the expiration of the three-year period, the business combination may be consummated with the approval of the board of directors before the person became an interested stockholder or a majority of the voting power held by disinterested

Edgar Filing: ONCOSEC MEDICAL Inc - Form 424B5

stockholders, or if the consideration to be received per share by disinterested stockholders is at least equal to the highest of:

- the highest price per share paid by the interested stockholder within the three years immediately preceding the date of the announcement of the combination or within three years immediately before, or in, the transaction in which he, she or it became an interested stockholder, whichever is higher;
- the market value per share on the date of announcement of the combination or the date the person became an interested stockholder, whichever is higher; or
- if higher for the holders of preferred stock, the highest liquidation value of the preferred stock, if any.

Table of Contents

Generally, these provisions define an interested stockholder as a person who is the beneficial owner, directly or indirectly of 10% or more of the voting power of the outstanding voting shares of a corporation, and define combination to include any merger or consolidation with an interested stockholder, or any sale, lease, exchange, mortgage, pledge, transfer or other disposition, in one transaction or a series of transactions with an interested stockholder of assets of the corporation having:

- an aggregate market value equal to 5% or more of the aggregate market value of the assets of the corporation;
- an aggregate market value equal to 5% or more of the aggregate market value of all outstanding shares of the corporation; or
- representing 10% or more of the earning power or net income of the corporation.

Articles of Incorporation and Bylaws

There are no provisions in our articles of incorporation or our bylaws that would delay, defer or prevent a change in control of our company and that would operate only with respect to an extraordinary corporate transaction involving our company or any of our subsidiaries, such as merger, reorganization, tender offer, sale or transfer of substantially all of its assets, or liquidation.

Transfer Agent

The transfer agent for our common stock is Nevada Agency and Transfer Company. The transfer agent's address is 50 West Liberty Street, Suite 880, Reno, Nevada 89501.

DESCRIPTION OF THE WARRANTS

General

We may issue warrants for the purchase of our debt securities or common stock, or any combination thereof. Warrants may be issued independently or together with our debt securities or common stock and may be attached to or separate from any offered securities. The warrants may be issued under a warrant agreement that we enter into with a warrant agent, all as shall be set forth in a prospectus supplement relating to the particular series of warrants being offered pursuant to this prospectus and such prospectus supplement. 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;

Table of Contents

- 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;
- 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 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.

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 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 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 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;

Table of Contents

- 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 the holder's right to require us to repurchase the warrants upon a change in control or similar event; and
- 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 of us.

DESCRIPTION OF THE DEBT SECURITIES

Edgar Filing: ONCOSEC MEDICAL Inc - Form 424B5

The debt securities may be either secured or unsecured and will either be our senior debt securities or our subordinated debt securities. The debt securities will be issued under one or more separate indentures between us and a trustee to be specified in an accompanying prospectus supplement. Senior debt securities will be issued under a senior indenture and subordinated debt securities will be issued under a subordinated indenture. Together, the senior indenture and the subordinated indenture are called indentures in this description. This prospectus, together with the applicable prospectus supplement, will describe the terms of a particular series of debt securities.

The following is a summary of selected provisions and definitions of the indentures and debt securities to which any prospectus supplement may relate. The summary of selected provisions of the indentures and the debt securities appearing below is not complete and is subject to, and qualified entirely by reference to, all of the provisions of the applicable indenture and certificates evidencing the applicable debt securities. For additional information, you should look at the applicable indenture and the certificate evidencing the applicable debt security that is filed as an exhibit to the registration statement that includes the prospectus. In this description of the debt securities, the words OncoSec, we, us, or our refer only to OncoSec Medical Incorporated and not to any of our subsidiaries, unless we expressly state or the context otherwise requires.

The following description sets forth selected general terms and provisions of the applicable indenture and debt securities to which any prospectus supplement may relate. Other specific terms of the applicable indenture and debt securities will be described in the applicable prospectus supplement. If any particular terms of the indenture or debt securities described in a prospectus supplement differ from any of the terms described below, then the terms described below will be deemed to have been superseded by that prospectus supplement.

General

Debt securities may be issued in separate series without limitation as to aggregate principal amount. We may specify a maximum aggregate principal amount for the debt securities of any series.

Table of Contents

We are not limited as to the amount of debt securities we may issue under the indentures. Unless otherwise provided in a prospectus supplement, a series of debt securities may be reopened to issue additional debt securities of such series.

The prospectus supplement relating to a particular series of debt securities will set forth:

- whether the debt securities are senior or subordinated;
- the offering price;
- the title;
- any limit on the aggregate principal amount;
- the person who shall be entitled to receive interest, if other than the record holder on the record date;
- the date or dates the principal will be payable;
- the interest rate or rates, which may be fixed or variable, if any, the date from which interest will accrue, the interest payment dates and the regular record dates, or the method for calculating the dates and rates;
- the place where payments may be made;
- any mandatory or optional redemption provisions or sinking fund provisions and any applicable redemption or purchase prices associated with these provisions;
- if issued other than in denominations of U.S. \$1,000 or any multiple of U.S. \$1,000, the denominations in which the debt securities shall be issuable;

- if applicable, the method for determining how the principal, premium, if any, or interest will be calculated by reference to an index or formula;
- if other than U.S. currency, the currency or currency units in which principal, premium, if any, or interest will be payable and whether we or a holder may elect payment to be made in a different currency;
- the portion of the principal amount that will be payable upon acceleration of maturity, if other than the entire principal amount;
- if the principal amount payable at stated maturity will not be determinable as of any date prior to stated maturity, the amount or method for determining the amount which will be deemed to be the principal amount;
- if applicable, whether the debt securities shall be subject to the defeasance provisions described below under Satisfaction and discharge; defeasance or such other defeasance provisions specified in the applicable prospectus supplement for the debt securities;
- any conversion or exchange provisions;
- whether the debt securities will be issuable in the form of a global security;
- any subordination provisions applicable to the subordinated debt securities if different from those described below under Subordinated debt securities;

Table of Contents

- any paying agents, authenticating agents, security registrars or other agents for the debt securities, if other than the trustee;
- any provisions relating to any security provided for the debt securities, including any provisions regarding the circumstances under which collateral may be released or substituted;
- any deletions of, or changes or additions to, the events of default, acceleration provisions or covenants;
- any provisions relating to guaranties for the securities and any circumstances under which there may be additional obligors; and
- any other specific terms of such debt securities.

Unless otherwise specified in the prospectus supplement, the debt securities will be registered debt securities. Debt securities may be sold at a substantial discount below their stated principal amount, bearing no interest or interest at a rate which at time of issuance is below market rates. The U.S. federal income tax considerations applicable to debt securities sold at a discount will be described in the applicable prospectus supplement.

Exchange and transfer

Debt securities may be transferred or exchanged at the office of the security registrar or at the office of any transfer agent designated by us.

We will not impose a service charge for any transfer or exchange, but we may require holders to pay any tax or other governmental charges associated with any transfer or exchange.

In the event of any partial redemption of debt securities of any series, we will not be required to:

- issue, register the transfer of, or exchange, any debt security of that series during a period beginning at the opening of business 15 days before the day of mailing of a notice of redemption and ending at the close of business on the day of the mailing; or

Edgar Filing: ONCOSEC MEDICAL Inc - Form 424B5

- register the transfer of or exchange any debt security of that series selected for redemption, in whole or in part, except the unredeemed portion being redeemed in part.

We will appoint the trustee as the initial security registrar. Any transfer agent, in addition to the security registrar initially designated by us, will be named in the prospectus supplement. We may designate additional transfer agents or change transfer agents or change the office of the transfer agent. However, we will be required to maintain a transfer agent in each place of payment for the debt securities of each series.

Global securities

The debt securities of any series may be represented, in whole or in part, by one or more global securities. Each global security will:

- be registered in the name of a depositary, or its nominee, that we will identify in a prospectus supplement;
- be deposited with the depositary or nominee or custodian; and
- bear any required legends.

No global security may be exchanged in whole or in part for debt securities registered in the name of any person other than the depositary or any nominee unless:

Table of Contents

- the depositary has notified us that it is unwilling or unable to continue as depositary or has ceased to be qualified to act as depositary;
- an event of default is continuing with respect to the debt securities of the applicable series; or
- any other circumstance described in a prospectus supplement has occurred permitting or requiring the issuance of any such security.

As long as the depositary, or its nominee, is the registered owner of a global security, the depositary or nominee will be considered the sole owner and holder of the debt securities represented by the global security for all purposes under the indentures. Except in the above limited circumstances, owners of beneficial interests in a global security will not be:

- entitled to have the debt securities registered in their names;
- entitled to physical delivery of certificated debt securities; or
- considered to be holders of those debt securities under the indenture.

Payments on a global security will be made to the depositary or its nominee as the holder of the global security. Some jurisdictions have laws that require that certain purchasers of securities take physical delivery of such securities in definitive form. These laws may impair the ability to transfer beneficial interests in a global security.

Institutions that have accounts with the depositary or its nominee are referred to as participants. Ownership of beneficial interests in a global security will be limited to participants and to persons that may hold beneficial interests through participants. The depositary will credit, on its book-entry registration and transfer system, the respective principal amounts of debt securities represented by the global security to the accounts of its participants.

Ownership of beneficial interests in a global security will be shown on and effected through records maintained by the depositary, with respect to participants' interests, or any participant, with respect to interests of persons held by participants on their behalf.

Payments, transfers and exchanges relating to beneficial interests in a global security will be subject to policies and procedures of the depositary. The depositary policies and procedures may change from time to time. Neither any trustee nor we will have any responsibility or liability for the depositary's or any participant's records with respect to beneficial interests in a global security.

Payment and paying agents

Unless otherwise indicated in a prospectus supplement, the provisions described in this paragraph will apply to the debt securities. Payment of interest on a debt security on any interest payment date will be made to the person in whose name the debt security is registered at the close of business on the regular record date. Payment on debt securities of a particular series will be payable at the office of a paying agent or paying agents designated by us. However, at our option, we may pay interest by mailing a check to the record holder. The trustee will be designated as our initial paying agent.

We may also name any other paying agents in a prospectus supplement. We may designate additional paying agents, change paying agents or change the office of any paying agent. However, we will be required to maintain a paying agent in each place of payment for the debt securities of a particular series.

Table of Contents

All moneys paid by us to a paying agent for payment on any debt security that remain unclaimed for a period ending the earlier of:

- 10 business days prior to the date the money would be turned over to the applicable state; or
- at the end of two years after such payment was due,

will be repaid to us thereafter. The holder may look only to us for such payment.

No protection in the event of a change of control

Unless otherwise indicated in a prospectus supplement with respect to a particular series of debt securities, the debt securities will not contain any provisions that may afford holders of the debt securities protection in the event we have a change in control or in the event of a highly leveraged transaction, whether or not such transaction results in a change in control.

Covenants

Unless otherwise indicated in a prospectus supplement with respect to a particular series of debt securities, the debt securities will not contain any financial or restrictive covenants.

Consolidation, merger and sale of assets

Unless we indicate otherwise in a prospectus supplement with respect to a particular series of debt securities, we may not consolidate with or merge into any other person (other than a subsidiary of us), in a transaction in which we are not the surviving corporation, or convey, transfer or lease our properties and assets substantially as an entirety to, any person (other than a subsidiary of us), unless:

- the successor entity, if any, is a U.S. corporation, limited liability company, partnership, trust or other business entity;
- the successor entity assumes our obligations on the debt securities and under the indentures;

- immediately after giving effect to the transaction, no default or event of default shall have occurred and be continuing; and
- certain other conditions specified in the indenture are met.

Events of default

Unless we indicate otherwise in a prospectus supplement, the following will be events of default for any series of debt securities under the indentures:

- (1) we fail to pay principal of or any premium on any debt security of that series when due;
- (2) we fail to pay any interest on any debt security of that series for 60 days after it becomes due;
- (3) we fail to deposit any sinking fund payment when due;
- (4) we fail to perform any other covenant in the indenture and such failure continues for 90 days after we are given the notice required in the indentures; and
- (5) certain events involving our bankruptcy, insolvency or reorganization.

Additional or different events of default applicable to a series of debt securities may be described in a prospectus supplement. An event of default of one series of debt securities is not necessarily an event of default for any other series of debt securities.

Table of Contents

The trustee may withhold notice to the holders of any default, except defaults in the payment of principal, premium, if any, interest, any sinking fund installment on, or with respect to any conversion right of, the debt securities of such series. However, the trustee must consider it to be in the interest of the holders of the debt securities of such series to withhold this notice.

Unless we indicate otherwise in a prospectus supplement, if an event of default, other than an event of default described in clause (5) above, shall occur and be continuing with respect to any series of debt securities, either the trustee or the holders of at least a 25 percent in aggregate principal amount of the outstanding securities of that series may declare the principal amount and premium, if any, of the debt securities of that series, or if any debt securities of that series are original issue discount securities, such other amount as may be specified in the applicable prospectus supplement, in each case together with accrued and unpaid interest, if any, thereon, to be due and payable immediately.

Unless we indicate otherwise in a prospectus supplement, if an event of default described in clause (5) above shall occur, the principal amount and premium, if any, of all the debt securities of that series, or if any debt securities of that series are original issue discount securities, such other amount as may be specified in the applicable prospectus supplement, in each case together with accrued and unpaid interest, if any, thereon, will automatically become immediately due and payable. Any payment by us on the subordinated debt securities following any such acceleration will be subject to the subordination provisions described below under Subordinated debt securities.

Notwithstanding the foregoing, each indenture will provide that we may, at our option, elect that the sole remedy for an event of default relating to our failure to comply with our obligations described under the section entitled Reports below or our failure to comply with the requirements of Section 314(a)(1) of the Trust Indenture Act will for the first 180 days after the occurrence of such an event of default consist exclusively of the right to receive additional interest on the relevant series of debt securities at an annual rate equal to (i) 0.25% of the principal amount of such series of debt securities for the first 90 days after the occurrence of such event of default and (ii) 0.50% of the principal amount of such series of debt securities from the 91st day to, and including, the 180th day after the occurrence of such event of default, which we call additional interest. If we so elect, the additional interest will accrue on all outstanding debt securities from and including the date on which such event of default first occurs until such violation is cured or waived and shall be payable on each relevant interest payment date to holders of record on the regular record date immediately preceding the interest payment date. On the 181st day after such event of default (if such violation is not cured or waived prior to such 181st day), the debt securities will be subject to acceleration as provided above. In the event we do not elect to pay additional interest upon any such event of default in accordance with this paragraph, the debt securities will be subject to acceleration as provided above.

In order to elect to pay the additional interest as the sole remedy during the first 180 days after the occurrence of any event of default relating to the failure to comply with the reporting obligations in accordance with the preceding paragraph, we must notify all holders of debt securities and the trustee and paying agent of such election prior to the close of business on the first business day following the date on which such event of default occurs. Upon our failure to timely give such notice or pay the additional interest, the debt securities will be immediately subject to acceleration as provided above.

After acceleration, the holders of a majority in aggregate principal amount of the outstanding securities of that series may, under certain circumstances, rescind and annul such acceleration if all events of default, other than the non-payment of accelerated principal, or other specified amounts or interest, have been cured or waived.

Other than the duty to act with the required care during an event of default, the trustee will not be obligated to exercise any of its rights or powers at the request of the holders unless the holders shall have offered to the trustee reasonable indemnity. Generally, the holders of a majority in aggregate principal amount of the outstanding debt securities of any series will have the right to direct the time, method and place of

conducting any proceeding for any remedy available to the trustee or exercising any trust or power conferred on the trustee.

Table of Contents

A holder of debt securities of any series will not have any right to institute any proceeding under the indentures, or for the appointment of a receiver or a trustee, or for any other remedy under the indentures, unless:

- (1) the holder has previously given to the trustee written notice of a continuing event of default with respect to the debt securities of that series;
- (2) the holders of at least 25 percent in aggregate principal amount of the outstanding debt securities of that series have made a written request and have offered reasonable indemnity to the trustee to institute the proceeding; and
- (3) the trustee has failed to institute the proceeding and has not received direction inconsistent with the original request from the holders of a majority in aggregate principal amount of the outstanding debt securities of that series within 60 days after the original request.

Holders may, however, sue to enforce the payment of principal, premium or interest on any debt security on or after the due date or to enforce the right, if any, to convert any debt security (if the debt security is convertible) without following the procedures listed in (1) through (3) above.

We will furnish the trustee an annual statement from our officers as to whether or not we are in default in the performance of the conditions and covenants under the indenture and, if so, specifying all known defaults.

Modification and waiver

Unless we indicate otherwise in a prospectus supplement, the applicable trustee and we may make modifications and amendments to an indenture with the consent of the holders of a majority in aggregate principal amount of the outstanding securities of each series affected by the modification or amendment.

We may also make modifications and amendments to the indentures for the benefit of holders without their consent, for certain purposes including, but not limited to:

- providing for our successor to assume the covenants under the indenture;
- adding covenants or events of default;

- making certain changes to facilitate the issuance of the securities;
- securing the securities;
- providing for a successor trustee or additional trustees;
- curing any ambiguities or inconsistencies;
- providing for guaranties of, or additional obligors on, the securities;
- permitting or facilitating the defeasance and discharge of the securities; and
- other changes specified in the indenture.

However, neither the trustee nor we may make any modification or amendment without the consent of the holder of each outstanding security of that series affected by the modification or amendment if such modification or amendment would:

- change the stated maturity of any debt security;
- reduce the principal, premium, if any, or interest on any debt security or any amount payable upon redemption or repurchase, whether at our option or the option of any holder, or reduce the amount of any sinking fund payments;

Table of Contents

- reduce the principal of an original issue discount security or any other debt security payable on acceleration of maturity;
- change the place of payment or the currency in which any debt security is payable;
- impair the right to enforce any payment after the stated maturity or redemption date;
- if subordinated debt securities, modify the subordination provisions in a materially adverse manner to the holders;
- adversely affect the right to convert any debt security if the debt security is a convertible debt security; or
- change the provisions in the indenture that relate to modifying or amending the indenture.

Satisfaction and discharge; defeasance

We may be discharged from our obligations on the debt securities, subject to limited exceptions, of any series that have matured or will mature or be redeemed within one year if we deposit enough money with the trustee to pay all the principal, interest and any premium due to the stated maturity date or redemption date of the debt securities.

Each indenture contains a provision that permits us to elect either or both of the following:

- we may elect to be discharged from all of our obligations, subject to limited exceptions, with respect to any series of debt securities then outstanding. If we make this election, the holders of the debt securities of the series will not be entitled to the benefits of the indenture, except for the rights of holders to receive payments on debt securities or the registration of transfer and exchange of debt securities and replacement of lost, stolen or mutilated debt securities.
- we may elect to be released from our obligations under some or all of any financial or restrictive covenants applicable to the series of debt securities to which the election relates and from the consequences of an event of default resulting from a breach of those covenants.

Edgar Filing: ONCOSEC MEDICAL Inc - Form 424B5

To make either of the above elections, we must irrevocably deposit in trust with the trustee enough money to pay in full the principal, interest and premium on the debt securities. This amount may be made in cash and/or U.S. government obligations or, in the case of debt securities denominated in a currency other than U.S. dollars, cash in the currency in which such series of securities is denominated and/or foreign government obligations. As a condition to either of the above elections, for debt securities denominated in U.S. dollars we must deliver to the trustee an opinion of counsel that the holders of the debt securities will not recognize income, gain or loss for U.S. federal income tax purposes as a result of the action.

With respect to debt securities of any series that are denominated in a currency other than United States dollars, foreign government obligations means:

- direct obligations of the government that issued or caused to be issued the currency in which such securities are denominated and for the payment of which obligations its full faith and credit is pledged, or, with respect to debt securities of any series which are denominated in Euros, direct obligations of certain members of the European Union for the payment of which obligations the full faith and credit of such members is pledged, which in each case are not callable or redeemable at the option of the issuer thereof; or
- obligations of a person controlled or supervised by or acting as an agency or instrumentality of a government described in the bullet above the timely payment of which is unconditionally guaranteed as a full faith and credit obligation by such government, which are not callable or redeemable at the option of the issuer thereof.

Table of Contents

Reports

The indentures provide that any reports or documents that we file with the SEC pursuant to Section 13 or 15(d) of the Exchange Act will be filed with the trustee within 15 days after the same is filed with the SEC. Documents filed by us with the SEC via the EDGAR system will be deemed filed with the trustee as of the time such documents are filed with the SEC.

Notices

Notices to holders will be given by mail to the addresses of the holders in the security register.

Governing law

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

No personal liability of directors, officers, employees and stockholders

No incorporator, stockholder, employee, agent, officer, director or subsidiary of ours will have any liability for any obligations of ours, or because of the creation of any indebtedness under the debt securities, the indentures or supplemental indentures. The indentures provide that all such liability is expressly waived and released as a condition of, and as a consideration for, the execution of such indentures and the issuance of the debt securities.

Regarding the trustee

The indentures limit the right of the trustee, should it become our creditor, to obtain payment of claims or secure its claims.

The trustee will be permitted to engage in certain other transactions with us. However, if the trustee acquires any conflicting interest, and there is a default under the debt securities of any series for which it is trustee, the trustee must eliminate the conflict or resign.

Subordinated debt securities

The following provisions will be applicable with respect to each series of subordinated debt securities, unless otherwise stated in the prospectus supplement relating to that series of subordinated debt securities.

The indebtedness evidenced by the subordinated debt securities of any series is subordinated, to the extent provided in the subordinated indenture and the applicable prospectus supplement, to the prior payment in full, in cash or other payment satisfactory to the holders of senior debt, of all senior debt, including any senior debt securities.

Upon any distribution of our assets upon any dissolution, winding up, liquidation or reorganization, whether voluntary or involuntary, marshalling of assets, assignment for the benefit of creditors, or in bankruptcy, insolvency, receivership or other similar proceedings, payments on the subordinated debt securities will be subordinated in right of payment to the prior payment in full in cash or other payment satisfactory to holders of senior debt of all senior debt.

In the event of any acceleration of the subordinated debt securities of any series because of an event of default with respect to the subordinated debt securities of that series, holders of any senior debt would be entitled to payment in full in cash or other payment satisfactory to holders of senior debt of all senior debt before the holders of subordinated debt securities are entitled to receive any payment or distribution.

Table of Contents

In addition, the subordinated debt securities will be structurally subordinated to all indebtedness and other liabilities of our subsidiaries, including trade payables and lease obligations. This occurs because our right to receive any assets of our subsidiaries upon their liquidation or reorganization, and your right to participate in those assets, will be effectively subordinated to the claims of that subsidiary's creditors, including trade creditors, except to the extent that we are recognized as a creditor of such subsidiary. If we are recognized as a creditor of that subsidiary, our claims would still be subordinate to any security interest in the assets of the subsidiary and any indebtedness of the subsidiary senior to us.

We are required to promptly notify holders of senior debt or their representatives under the subordinated indenture if payment of the subordinated debt securities is accelerated because of an event of default.

Under the subordinated indenture, we may also not make payment on the subordinated debt securities if:

- a default in our obligations to pay principal, premium, if any, interest or other amounts on our senior debt occurs and the default continues beyond any applicable grace period, which we refer to as a payment default; or
- any other default occurs and is continuing with respect to designated senior debt that permits holders of designated senior debt to accelerate its maturity, which we refer to as a non-payment default, and the trustee receives a payment blockage notice from us or some other person permitted to give the notice under the subordinated indenture.

We will resume payments on the subordinated debt securities:

- in case of a payment default, when the default is cured or waived or ceases to exist, and
- in case of a nonpayment default, the earlier of when the default is cured or waived or ceases to exist or 179 days after the receipt of the payment blockage notice.

No new payment blockage period may commence on the basis of a nonpayment default unless 365 days have elapsed from the effectiveness of the immediately prior payment blockage notice. No nonpayment default that existed or was continuing on the date of delivery of any payment blockage notice to the trustee shall be the basis for a subsequent payment blockage notice.

As a result of these subordination provisions, in the event of our bankruptcy, dissolution or reorganization, holders of senior debt may receive more, ratably, and holders of the subordinated debt securities may receive less, ratably, than our other creditors. The subordination provisions will not prevent the occurrence of any event of default under the subordinated indenture.

The subordination provisions will not apply to payments from money or government obligations held in trust by the trustee for the payment of principal, interest and premium, if any, on subordinated debt securities pursuant to the provisions described under the section entitled Satisfaction and discharge; defeasance, if the subordination provisions were not violated at the time the money or government obligations were deposited into trust.

If the trustee or any holder receives any payment that should not have been made to them in contravention of subordination provisions before all senior debt is paid in full in cash or other payment satisfactory to holders of senior debt, then such payment will be held in trust for the holders of senior debt.

Senior debt securities will constitute senior debt under the subordinated indenture.

Additional or different subordination provisions may be described in a prospectus supplement relating to a particular series of debt securities.

Table of Contents

Definitions

Designated senior debt means our obligations under any particular senior debt in which the instrument creating or evidencing the same or the assumption or guarantee thereof, or related agreements or documents to which we are a party, expressly provides that such indebtedness shall be designated senior debt for purposes of the subordinated indenture. The instrument, agreement or other document evidencing any designated senior debt may place limitations and conditions on the right of such senior debt to exercise the rights of designated senior debt.

Indebtedness means the following, whether absolute or contingent, secured or unsecured, due or to become due, outstanding on the date of the indenture for such series of securities or thereafter created, incurred or assumed:

- our indebtedness evidenced by a credit or loan agreement, note, bond, debenture or other written obligation;

- all of our obligations for money borrowed;

- all of our obligations evidenced by a note or similar instrument given in connection with the acquisition of any businesses, properties or assets of any kind;

- our obligations:

- as lessee under leases required to be capitalized on the balance sheet of the lessee under generally accepted accounting principles, or

- as lessee under leases for facilities, capital equipment or related assets, whether or not capitalized, entered into or leased for financing purposes;

- all of our obligations under interest rate and currency swaps, caps, floors, collars, hedge agreements, forward contracts or similar agreements or arrangements;

- all of our obligations with respect to letters of credit, bankers' acceptances and similar facilities, including reimbursement obligations with respect to the foregoing;

- all of our obligations issued or assumed as the deferred purchase price of property or services, but excluding trade accounts payable and accrued liabilities arising in the ordinary course of business;
- all obligations of the type referred to in the above clauses of another person, the payment of which, in either case, we have assumed or guaranteed, for which we are responsible or liable, directly or indirectly, jointly or severally, as obligor, guarantor or otherwise, or which are secured by a lien on our property; and
- renewals, extensions, modifications, replacements, restatements and refundings of, or any indebtedness or obligation issued in exchange for, any such indebtedness or obligation described in the above clauses of this definition.

Senior debt means the principal of, premium, if any, and interest, including all interest accruing subsequent to the commencement of any bankruptcy or similar proceeding, whether or not a claim for post-petition interest is allowable as a claim in any such proceeding, and rent payable on or in connection with, and all fees and other amounts payable in connection with, our indebtedness. However, senior debt shall not include:

- any debt or obligation if its terms or the terms of the instrument under which or pursuant to which it is issued expressly provide that it shall not be senior in right of payment to the subordinated debt securities or expressly provide that such indebtedness is on the same basis or junior to the subordinated debt securities; or
- debt to any of our subsidiaries, a majority of the voting stock of which is owned, directly or indirectly, by us.

Table of Contents

Subsidiary means a corporation more than 50% of the outstanding voting stock of which is owned, directly or indirectly, by us or by one or more of our other subsidiaries or by a combination of us and our other subsidiaries. For purposes of this definition, voting stock means stock or other similar interests which ordinarily has or have voting power for the election of directors, or persons performing similar functions, whether at all times or only so long as no senior class of stock or other interests has or have such voting power by reason of any contingency.

PLAN OF DISTRIBUTION

We may sell the securities offered through this prospectus (1) to or through underwriters or dealers, (2) directly to purchasers, including our affiliates, (3) through agents, or (4) through a combination of any these methods. The securities may be distributed at a fixed price or prices, which may be changed, market prices prevailing at the time of sale, prices related to the prevailing market prices, or negotiated prices. The prospectus supplement will include the following information:

- the terms of the offering;
- the names of any underwriters or agents;
- the name or names of any managing underwriter or underwriters;
- the purchase price of the securities;
- the net proceeds from the sale of the securities;
- any delayed delivery arrangements;
- any underwriting discounts, commissions and other items constituting underwriters' compensation;
- any initial public offering price;

- any discounts or concessions allowed or reallocated or paid to dealers; and
- any commissions paid to agents.

Sale through underwriters or dealers

If underwriters are used in the sale, the underwriters will acquire the securities for their own account, including through underwriting, purchase, security lending or repurchase agreements with us. The underwriters may resell the securities from time to time in one or more transactions, including negotiated transactions. Underwriters may sell the securities in order to facilitate transactions in any of our other securities (described in this prospectus or otherwise), including other public or private transactions and short sales. Underwriters may offer securities to the public either through underwriting syndicates represented by one or more managing underwriters or directly by one or more firms acting as underwriters. Unless otherwise indicated in the prospectus supplement, the obligations of the underwriters to purchase the securities will be subject to certain conditions, and the underwriters will be obligated to purchase all the offered securities if they purchase any of them. The underwriters may change from time to time any initial public offering price and any discounts or concessions allowed or reallocated or paid to dealers.

If dealers are used in the sale of securities offered through this prospectus, we will sell the securities to them as principals. They may then resell those securities to the public at varying prices determined by the dealers at the time of resale. The prospectus supplement will include the names of the dealers and the terms of the transaction.

Table of Contents

Direct sales and sales through agents

We may sell the securities offered through this prospectus directly. In this case, no underwriters or agents would be involved. Such securities may also be sold through agents designated from time to time. The prospectus supplement will name any agent involved in the offer or sale of the offered securities and will describe any commissions payable to the agent. Unless otherwise indicated in the prospectus supplement, any agent will agree to use its reasonable best efforts to solicit purchases for the period of its appointment.

We may sell the securities directly to institutional investors or others who may be deemed to be underwriters within the meaning of the Securities Act with respect to any sale of those securities. The terms of any such sales will be described in the prospectus supplement.

Underwriter, dealer or agent discounts and commissions

Underwriters, dealers or agents may receive compensation in the form of discounts, concessions or commissions from us or our purchasers as their agents in connection with the sale of securities. These underwriters, dealers or agents may be considered to be underwriters under the Securities Act. As a result, discounts, commissions, or profits on resale received by the underwriters, dealers or agents may be treated as underwriting discounts and commissions. Each prospectus supplement will identify any such underwriter, dealer or agent, and describe any compensation received by them from us. Any initial public offering price and any discounts or concessions allowed or reallocated or paid to dealers may be changed from time to time. The maximum commission or discount to be received by any underwriter, dealer or agent will not be greater than eight percent (8%) of the maximum gross proceeds of the securities that may be sold under this prospectus.

Delayed delivery contracts

If the prospectus supplement indicates, we may authorize agents, underwriters or dealers to solicit offers from certain types of institutions to purchase securities at the public offering price under delayed delivery contracts. These contracts would provide for payment and delivery on a specified date in the future. The contracts would be subject only to those conditions described in the prospectus supplement. The applicable prospectus supplement will describe the commission payable for solicitation of those contracts.

Market making, stabilization and other transactions

Unless the applicable prospectus supplement states otherwise, each series of offered securities will be a new issue and will have no established trading market. We may elect to list any series of offered securities on an exchange. Any underwriters that we use in the sale of offered securities may make a market in such securities, but may discontinue such market making at any time without notice. Therefore, we cannot assure you that the securities will have a liquid trading market.

Edgar Filing: ONCOSEC MEDICAL Inc - Form 424B5

Any underwriter may also engage in stabilizing transactions, syndicate covering transactions and penalty bids in accordance with Rule 104 under the Securities Exchange Act. Stabilizing transactions involve bids to purchase the underlying security in the open market for the purpose of pegging, fixing or maintaining the price of the securities. Syndicate covering transactions involve purchases of the securities in the open market after the distribution has been completed in order to cover syndicate short positions.

Penalty bids permit the underwriters to reclaim a selling concession from a syndicate member when the securities originally sold by the syndicate member are purchased in a syndicate covering transaction to cover syndicate short positions. Stabilizing transactions, syndicate covering transactions and penalty bids may cause the price of the securities to be higher than it would be in the absence of the transactions. The underwriters may, if they commence these transactions, discontinue them at any time.

Derivative transactions and hedging

We, the underwriters or other agents may engage in derivative transactions involving the securities. These derivatives may consist of short sale transactions and other hedging activities. The underwriters or agents may

Table of Contents

acquire a long or short position in the securities, hold or resell securities acquired and purchase options or futures on the securities and other derivative instruments with returns linked to or related to changes in the price of the securities. In order to facilitate these derivative transactions, we may enter into security lending or repurchase agreements with the underwriters or agents. The underwriters or agents may effect the derivative transactions through sales of the securities to the public, including short sales, or by lending the securities in order to facilitate short sale transactions by others. The underwriters or agents may also use the securities purchased or borrowed from us or others (or, in the case of derivatives, securities received from us in settlement of those derivatives) to directly or indirectly settle sales of the securities or close out any related open borrowings of the securities.

Electronic auctions

We may also make sales through the Internet or through other electronic means. Since we may from time to time elect to offer securities directly to the public, with or without the involvement of agents, underwriters or dealers, utilizing the Internet or other forms of electronic bidding or ordering systems for the pricing and allocation of such securities, you should pay particular attention to the description of that system we will provide in a prospectus supplement.

Such electronic system may allow bidders to directly participate, through electronic access to an auction site, by submitting conditional offers to buy that are subject to acceptance by us, and which may directly affect the price or other terms and conditions at which such securities are sold. These bidding or ordering systems may present to each bidder, on a so-called "real-time" basis, relevant information to assist in making a bid, such as the clearing spread at which the offering would be sold, based on the bids submitted, and whether a bidder's individual bids would be accepted, prorated or rejected. For example, in the case of a debt security, the clearing spread could be indicated as a number of "basis points" above an index treasury note. Of course, many pricing methods can and may also be used.

Upon completion of such an electronic auction process, securities will be allocated based on prices bid, terms of bid or other factors. The final offering price at which securities would be sold and the allocation of securities among bidders would be based in whole or in part on the results of the Internet or other electronic bidding process or auction.

General information

Agents, underwriters, and dealers may be entitled, under agreements entered into with us, to indemnification by us against certain liabilities, including liabilities under the Securities Act.

LEGAL MATTERS

Unless otherwise indicated in the applicable prospectus supplement, the validity of the securities being offered pursuant to this prospectus will be passed upon by McDonald Carano Wilson LLP, Reno, Nevada, and Morrison & Foerster LLP, San Diego, California. Any underwriters will be advised about legal matters relating to any offering by their own legal counsel.

EXPERTS

The consolidated financial statements of OncoSec Medical Incorporated, a development stage company, appearing in the Company's Annual Report on Form 10-K for the fiscal year ended July 31, 2013, filed with the SEC on September 27, 2013, have been audited by Mayer Hoffman McCann P.C., an independent registered public accounting firm, as stated in its report therein, and are incorporated by reference. Such audited consolidated financial statements are incorporated hereby by reference in reliance upon such report of such firm given upon its authority as experts in accounting and auditing.

Table of Contents

INCORPORATION OF CERTAIN DOCUMENTS BY REFERENCE

The SEC allows us to incorporate by reference the information we file with it. This means that we can disclose important information to you in this prospectus by referring you to another document. The information incorporated by reference is considered to be a part of this prospectus, and information that we file later with the SEC will automatically update and supersede information contained in this prospectus and any accompanying prospectus supplement. We incorporate by reference the documents listed below that we have previously filed with the SEC (excluding any portions of any Form 8-K that are not deemed filed pursuant to the General Instructions of Form 8-K):

- our Annual Report on Form 10-K for the fiscal year ended July 31, 2013 filed with the SEC on September 27, 2013;
- our Quarterly Reports on Form 10-Q for the quarters ended October 31, 2013 and January 31, 2014 and filed with the SEC on December 16, 2013 and March 14, 2014, respectively;
- our Current Reports on Form 8-K filed with the SEC on September 19, 2013, December 17, 2013 and March 13, 2014; and
- the description of our common stock contained in our Registration Statement on Form 8-A filed with the SEC on March 31, 2011, including any amendments or reports filed for the purpose of updating such description.

We also incorporate by reference into this prospectus additional documents that we may file with the SEC under Sections 13(a), 13(c), 14 or 15(d) of the Exchange Act prior to the completion or termination of the offering, including all such documents we may file with the SEC after the date of the initial registration statement and prior to the effectiveness of the registration statement, but excluding any information deemed furnished and not filed with the SEC. Any statements contained in a previously filed document incorporated by reference into this prospectus is deemed to be modified or superseded for purposes of this prospectus to the extent that a statement contained in this prospectus, or in a subsequently filed document also incorporated by reference herein, modifies or supersedes that statement.

We will provide without charge to each person, including any beneficial owner, to whom a prospectus is delivered, on written or oral request of that person, a copy of any or all of the documents we are incorporating by reference into this prospectus, other than exhibits to those documents unless such exhibits are specifically incorporated by reference into those documents. Such written requests should be addressed to:

OncoSec Medical Incorporated
9810 Summers Ridge Road, Suite 110
San Diego, California 92121

Attention: Investor Relations

You may also make such requests by contacting us at (858) 662-6732.

WHERE YOU CAN FIND MORE INFORMATION

We file annual, quarterly and current reports and proxy statements and other information with the SEC. You may read and copy any document that we file at the SEC's Public Reference Room at 100 F Street, N.E., Washington, D.C. 20549. Please call the SEC at 1-800-SEC-0330 for further information on the Public Reference Room. Our SEC filings are also available on the SEC's web site at <http://www.sec.gov>. Copies of certain information filed by us with the SEC are also available on our web site at <http://www.oncosec.com>. We have not incorporated by reference into this prospectus the information on our website, and you should not consider it to be a part of this document.