

AETHLON MEDICAL INC  
Form 424B5  
January 18, 2017

PROSPECTUS SUPPLEMENT

**Filed Pursuant to Rule 424(b)(5)**

**Registration No. 333-211151**

**PROSPECTUS SUPPLEMENT NO. 2**

**(To Prospectus dated May 12, 2016)**

**Aethlon Medical, Inc.**

**323,835 Shares of**

**Common Stock**

On December 30, 2016, Aethlon Medical, Inc. (“Registrant” or the “Company”) entered into a securities purchase agreement (the “Securities Purchase Agreement”) with two accredited investors (collectively, the “Holders”), pursuant to which the Purchasers purchased an aggregate of \$680,400 principal amount of Notes (inclusive of due diligence fee of \$30,000 deemed paid as a subscription amount in the form of a Note in the principal amount of \$32,400) for an aggregate cash subscription amount of \$600,000 and (b) warrants to purchase 127,575 shares of Common Stock (collectively, the “Warrants”). The use of proceeds is for general working purposes and to support the initiation of clinical programs related to Chronic Traumatic Encephalopathy (CTE) and the *in vitro* validation of the Aethlon Hemopurifier® to capture viruses from the blood of immune compromised intensive care patients. The purpose of this Prospectus Supplement is to register upon the resale thereof of the shares to be issued to the Holders upon conversion of the Notes and exercise of the Warrants.

Our common stock is listed on the Nasdaq Capital Market under the symbol “AEMD.” On January 10, 2017, the last reported sale price for our common stock on the Nasdaq Capital Market was \$3.85 per share.

This prospectus supplement registers, for resale by the holders, the 323,835 shares of common stock (the “Registrable Securities”), issuable upon conversion of the Notes, including interest thereon through the date of maturity, as well as the shares issuable upon full conversion of the warrants. The Holders may sell our common stock under this prospectus supplement and the accompanying prospectus, in sales deemed to be an “at the market” offering as defined in Rule 415 promulgated under the Securities Act of 1933, as amended (the “Securities Act”), including sales made from

time to time directly on or through the Nasdaq Capital Market, on any other existing trading market for our common stock, to or through a market maker other than on an exchange or otherwise, in negotiated transactions at market prices prevailing at the time of sale or at prices related to such prevailing market prices, and/or in any other method permitted by law. The Company shall receive no proceeds from the resale of the Registrable Shares.

Pursuant to General Instruction I.B.6 of Form S-3, in no event will we sell our common stock in a public primary offering with a value exceeding more than one-third of our public float in any 12-month period so long as our public float remains below \$75,000,000. Calculated in accordance with General Instruction I.B.6 of Form S-3, as of June 23, 2016, the aggregate market value of our outstanding common stock held by non-affiliates, or the public float, was approximately \$39,784,259 based upon 6,479,521 shares of our outstanding stock held by non-affiliates at the per share price of \$6.14, the closing sale price of our common stock on June 23, 2016. One-third of our public float, calculated in accordance with General Instruction I.B.6 of Form S-3 as of June 23, 2016, is equal to approximately \$13,261,420. Other than the securities offered by this prospectus supplement and the accompanying prospectus, we have not offered any securities pursuant to General Instruction I.B.6. of Form S-3 during the prior 12 calendar month period that ends on and includes the date of this prospectus.

**INVESTING IN OUR SECURITIES INVOLVES RISKS. YOU SHOULD REVIEW CAREFULLY THE RISKS AND UNCERTAINTIES DESCRIBED UNDER THE HEADING "RISK FACTORS" ON PAGE S-5 OF THIS PROSPECTUS SUPPLEMENT AND UNDER SIMILAR HEADINGS IN THE OTHER DOCUMENTS THAT ARE INCORPORATED BY REFERENCE INTO THIS PROSPECTUS SUPPLEMENT.**

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

Prospectus Supplement dated January 18, 2017.

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You should rely only on the information contained in or incorporated by reference in this prospectus supplement and the accompanying prospectus. We have not, and the sales agent has not, authorized anyone to provide you with different information. If anyone provides you with different or inconsistent information, you should not rely on it. We are not, and the sales agent is not, making an offer to sell these securities in any jurisdiction where the offer or sale is not permitted. You should assume that the information in this prospectus supplement, the accompanying prospectus, and the documents incorporated by reference in this prospectus supplement and the accompanying prospectus is accurate only as of the date of those respective documents. Our business, financial condition, results of operations and

prospects may have changed since those dates. You should read this prospectus supplement, the accompanying prospectus, and the documents incorporated by reference in this prospectus supplement and the accompanying prospectus in their entirety before making an investment decision. You also should read and consider the information in the documents to which we have referred you in the section of this prospectus supplement entitled “Information Incorporated by Reference” and the sections of the accompanying prospectus entitled “Information Incorporated by Reference” and “Where You Can Find More Information.”

## **ABOUT THIS PROSPECTUS SUPPLEMENT**

This prospectus supplement and the accompanying prospectus form a part of a registration statement on Form S-3 that we filed with the Securities and Exchange Commission (the “Commission”) utilizing a “shelf” registration process. This document contains two parts. The first part consists of this prospectus supplement, which provides you with specific information about this offering. The second part, the accompanying prospectus, provides more general information, some of which may not apply to this offering. Generally, when we refer only to the “prospectus,” we are referring to both parts combined. This prospectus supplement may add to, update or change information contained in the accompanying prospectus. To the extent that any statement we make in this prospectus supplement is inconsistent with statements made in the accompanying prospectus or any documents incorporated by reference herein or therein, the statements made in this prospectus supplement will be deemed to modify or supersede those made in the accompanying prospectus and such documents incorporated by reference herein and therein.

**For investors outside the United States, we have not done anything that would permit this offering or possession or distribution of this prospectus supplement in any jurisdiction where action for that purpose is required, other than in the United States. You are required to inform yourselves about and to observe any restrictions relating to this offering and the distribution of this prospectus supplement outside of the United States.**

As permitted by the rules and regulations of the Commission, the registration statement, of which this prospectus supplement and the accompanying prospectus form a part, includes additional information not contained in this prospectus supplement or the accompanying prospectus. You may read the registration statement and the other reports we file with the Commission at the Commission's web site or at the Commission's offices described below under the heading “Where You Can Find Additional Information.”

Unless the context requires otherwise or unless otherwise noted, all references to “Aethlon” are to Aethlon Medical, Inc., a Nevada corporation, and all references to “we,” “us” or “our” are to Aethlon Medical, Inc. and its subsidiaries.

Trademarks, service marks or trade names of any other companies appearing in this prospectus supplement are the property of their respective owners. Use or display by us of trademarks, service marks or trade names owned by others is not intended to and does not imply a relationship between us and, or endorsement or sponsorship by, the owners of the trademarks, service marks or trade names.

## **Cautionary Note Regarding Forward-Looking Information**

This prospectus supplement and the documents incorporated herein by reference, in particular the “Management’s Discussion and Analysis of Financial Condition and Results of Operations” incorporated herein by reference, contain certain “forward-looking statements” within the meaning of Section 27A of the Securities Act and Section 21E of the Securities Exchange Act of 1934, as amended (the “Exchange Act”). These forward-looking statements represent our expectations, beliefs, intentions or strategies concerning future events, including, but not limited to, any statements regarding our assumptions about financial performance; the continuation of historical trends; the sufficiency of our cash balances for future liquidity and capital resource needs; the expected impact of changes in accounting policies on our results of operations, financial condition or cash flows; anticipated problems and our plans for future operations; and the economy in general or the future of the medical device industry, all of which are subject to various risks and uncertainties.

When we use in this prospectus supplement as well as in reports, statements, and information we have filed with the Commission, in our press releases, in presentations to securities analysts or investors, or in oral statements made by or with the approval of an executive officer, the words or phrases “believes,” “may,” “will,” “expects,” “should,” “continue,” “anticipates,” “intends,” “will likely result,” “estimates,” “projects” or similar expressions and variations thereof, we intend to identify forward-looking statements. However, any statements contained in this prospectus supplement that are not statements of historical fact may be deemed to be forward-looking statements. We caution that these statements by their nature involve risks and uncertainties, certain of which are beyond our control, and actual results may differ materially depending on a variety of important factors.

## PROSPECTUS SUPPLEMENT SUMMARY

*The following summary highlights some of the information contained elsewhere in this prospectus supplement or the accompanying prospectus or incorporated by reference herein or therein. Because this is only a summary, however, it does not contain all of the information that may be important to you. You should carefully read this prospectus supplement and the accompanying prospectus, including the documents incorporated by reference, which are described under “Information Incorporated by Reference” in this prospectus supplement and under “Information Incorporated by Reference” and “Where You Can Find More Information” in the accompanying prospectus. You also should carefully consider the matters discussed in the section entitled “Risk Factors” in the accompanying prospectus and in other periodic reports incorporated herein by reference.*

### Private Placement

On December 30, 2016, we entered into a securities purchase agreement (the “Securities Purchase Agreement”) with two accredited investors (collectively, the “Holders”), pursuant to which the Purchasers purchased an aggregate of \$680,400 principal amount of Notes (inclusive of due diligence fee of \$30,000 deemed paid as a subscription amount in the form of a Note in the principal amount of \$32,400) for an aggregate cash subscription amount of \$600,000 and (b) warrants to purchase 127,575 shares of Common Stock (collectively, the “Warrants”). The use of proceeds is for general working purposes and to support the initiation of clinical programs related to Chronic Traumatic Encephalopathy (CTE) and the *in vitro* validation of the Aethlon Hemopurifier® to capture viruses from the blood of immune compromised intensive care patients.

The Notes bear interest at the rate of 10% per annum, and the principal amount and all accrued and unpaid interest thereon is convertible into shares of the Company’s common stock at a \$4.00 per share conversion price, which is subject to customary adjustment provisions for stock splits, dividends, recapitalizations and the like. The Notes mature on July 1, 2018 and are subject to customary and usual terms for events of default and the like. Each Holder has contractually agreed to restrict its ability to convert its Note such that the number of shares of the Common Stock held by the Holder and its affiliates after such exercise does not exceed 4.99% of the Company’s then issued and outstanding shares of Common Stock.

The Warrants issued to the Holders are exercisable for a period of five years from the date of issuance at an exercise price of \$4.50, subject to adjustment. A Holder may exercise a Warrant by paying the exercise price in cash or by exercising the Warrant on a cashless basis. In the event a Holder exercises a Warrant on a cashless basis, we will not receive any proceeds. The exercise price of the Warrants is subject to customary adjustments provision for stock splits, stock dividends, recapitalizations and the like. Each Holder has contractually agreed to restrict its ability to

exercise its Warrant such that the number of shares of the Common Stock held by the Holder and its affiliates after such exercise does not exceed 4.99% of the Company's then issued and outstanding shares of Common Stock.

The securities sold in the private placement were not registered under the Securities Act, or the securities laws of any state, and were offered and sold in reliance on the exemption from registration afforded by Section 4(2) and Regulation D (Rule 506) under the Securities Act and corresponding provisions of state securities laws, which exempt transactions by an issuer not involving any public offering. Each Purchaser is an "accredited investor" as such term is defined in Regulation D promulgated under the Securities Act. This current report shall not constitute an offer to sell or the solicitation of an offer to buy, nor shall such securities be offered or sold in the United States absent registration or an applicable exemption from the registration requirements and certificates evidencing such shares contain a legend stating the same.

The foregoing description of the Securities Purchase Agreement, the Notes and the Warrants does not purport to be complete and is qualified in its entirety by the forms of agreements attached hereto.

## **Company Overview**

Our mission is to create innovative medical devices that address unmet medical needs in cancer, infectious disease, and other life-threatening conditions. Our Aethlon ADAPT™ system provides a platform to develop medical devices that target the selective removal of disease-promoting particles from the circulatory system. At present, the Aethlon ADAPT product pipeline includes the Aethlon Hemopurifier® to address infectious disease and cancer, and a medical device being developed under a five-year contract with the Defense Advanced Research Projects Agency, or DARPA, to reduce the incidence of sepsis in combat-injured soldiers.

In June 2013, the U.S. Food and Drug Administration, or FDA, approved an investigational device exemption that allows us to initiate human feasibility studies of the Aethlon Hemopurifier in the U.S. Under our approved feasibility study protocol, we will study ten end-stage renal disease patients who are infected with the Hepatitis C virus to demonstrate the safety of Hemopurifier therapy. Assuming successful completion of this study, we will be able to initiate further stage studies required for market clearance to treat Hepatitis C and other viral pathogens.



On September 30, 2011, we entered into a \$6.8 million multi-year contract with DARPA, which will terminate on September 30, 2016 unless further extended by DARPA. Under this contract, our tasks include the development of a dialysis-like device to prevent sepsis, a fatal bloodstream infection that is often the cause of death in combat-injured soldiers. To date, we have billed and collected \$5,548,573 for achieving 27 milestones under this contract.

Through our majority-owned subsidiary, Exosome Sciences, Inc., we are also developing exosome-based products to diagnose and monitor neurological disorders and cancer. To date, we are still in the product development stage.

Since inception, we have primarily financed our operations through net proceeds obtained from the private placement of our debt and equity securities. At December 31, 2015, we had a cash balance of \$3,250,897 and working capital of \$2,551,395. In June 2015, we raised \$5,591,988 in net proceeds from a financing, which, coupled with previously existing funds on hand and expected revenues from our government contracts, should finance our operations through June 30, 2016. We will require significant additional financing to complete additional future clinical trials in the U.S., as well as fund all of our continued research and development activities for the Hemopurifier and products on the Aethlon ADAPT platform.

### **Risks Associated with our Business**

We have experienced substantial operating losses since inception. As of September 30, 2016, we had an accumulated deficit of \$90,886,645, which included losses of approximately \$4,400,002 and \$2,468,265 for the six-month periods ended September 30, 2016 and 2015, respectively. Historically, our losses have resulted principally from costs incurred in the research and development of our medical devices, and general and administrative expenses, which together were approximately \$3,358,529 and \$2,214,332 for the six-month periods ended September 30, 2016 and 2015, respectively. We may continue to incur losses in the future.

Although we have made substantial progress in the development and testing of our devices, and have begun to generate revenue under our contract with DARPA as we meet billable milestones under such contract, we are not yet able to commercialize our devices and may never obtain the approvals necessary to commercialize our products or technologies in the U.S. or elsewhere. Our contract with DARPA is time limited. DARPA may determine to terminate our contract, and we cannot assure you that we will enter into any new government contracts with the Department of Defense or otherwise. We compete with U.S. and foreign companies that have greater scientific and organizational resources, market presence and financial backing than we have. We may be unable to obtain FDA or international clearance of the Hemopurifier. Even if we do achieve such regulatory clearances, we may be unable to successfully manufacture, market and sell our devices in the U.S. or elsewhere. These risks and others are discussed more fully in the section of the accompanying prospectus entitled "Risk Factors" immediately following the prospectus summary. You should read these risks before you invest in our securities.

## **Corporate History**

On March 10, 1999, Aethlon, Inc., a California corporation, Hemex, Inc., a Delaware corporation and the accounting predecessor to Aethlon, Inc., and Bishop Equities, Inc., a publicly traded Nevada corporation, completed an Agreement and Plan of Reorganization structured to result in Bishop Equities, Inc.'s acquisition of all of the outstanding common shares of Aethlon, Inc. and Hemex, Inc. Upon completion of the transaction, Bishop Equities, Inc. was renamed Aethlon Medical, Inc. In 2009, we formed Exosome, which today is a majority-owned subsidiary focused on identifying and monitoring neurological conditions and cancer.

## **Our Contact Information**

Our executive offices are located at 9635 Granite Ridge Drive, Suite 100, San Diego, California 92123. Our telephone number is (858) 459-7800. Our website address is [www.aethlonmedical.com](http://www.aethlonmedical.com). Our website and the information contained on our website are not incorporated by reference into this prospectus supplement, the accompanying prospectus or the registration statement of which it forms a part.

## THE OFFERING

Common stock offered by the selling stockholders	323,835 shares.
Manner of offering	Shares to be offered from time to time by the Selling Shareholders. See “Plan of Distribution” beginning on page S-7 of this prospectus supplement.
Common stock to be outstanding after this offering	Up to 8,048,907 shares, Actual number of shares issued and outstanding will vary depending on the conversion of Notes and exercise of Warrants by the Holders.
Use of proceeds	We will receive no proceeds from the sale of shares hereunder by the Holders although we could receive \$574,087 if all of the Warrants are exercised for cash.
Nasdaq Capital Market symbol	“AEMD”
Risk factors	This investment involves a high degree of risk. See the information set forth in “Risk Factors” beginning on page S-5 of this prospectus supplement and in the underlying prospectus and the documents incorporated by reference into this prospectus supplement and the underlying prospectus.

The number of shares of common stock to be outstanding immediately after this offering is based on 7,783,815 shares outstanding on January 11, 2017 and excludes as of that date:

432,047 shares of common stock issuable upon exercise of outstanding stock options under our stock incentive plans at a weighted average exercise price of \$10.98 per share;

2,299,446 shares of common stock reserved for issuance under outstanding warrants with a weighted average exercise price of \$5.32 per share;

337,045 shares of common stock reserved for issuance under outstanding convertible notes, including accrued interest through December 31, 2015, with a fixed conversion price of \$4.00 per share;

742,104 Restricted stock units issued to our senior management and outside directors;

- 2,382,704 additional shares of common stock reserved for future issuance under our stock incentive plans.

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## **RISK FACTORS**

*An investment in our securities involves a high degree of risk. Before making an investment decision, you should carefully consider the risks described below and discussed in the section titled “Risk Factors” in our most recent Annual Report on Form 10-K, as well as the risks, uncertainties and additional information set forth in our Commission reports on Forms 10-K, 10-Q and 8-K and in other documents incorporated by reference in this prospectus supplement. The risks described in such documents are not intended to be an all-inclusive list of the potential risks relating to an investment in our securities. Any of such risk factors could significantly and adversely affect our business, prospects, financial condition and results of operations. Additional risks and uncertainties not currently known or that are currently considered to be immaterial may also materially and adversely affect our business. As a result, the trading price or value of our securities could be materially adversely affected and you may lose all or part of your investment.*

### **Risks Related to This Offering**

*Our independent registered public accounting firm may conclude that there is substantial doubt regarding our ability to continue as a going concern.*

Regardless of the amount of the net proceeds that we receive from this offering, if any, our independent registered public accounting firm may conclude, in connection with the audit of our consolidated financial statements for the year ended March 31, 2016, or any other subsequent period, that there is substantial doubt regarding our ability to continue as a going concern. If our independent registered public accounting firm issues a “going concern” opinion, it could impair our ability to finance our operations through the sale of equity, incurring debt, or other financing alternatives. If we fail to raise sufficient additional capital, we will not be able to completely execute our business plan. As a result, our business would be jeopardized and we may not be able to continue. If we ceased operations, it is likely that purchasers of our common stock would lose their entire investment.

*Management will have broad discretion as to the use of the proceeds from this offering and may not use the proceeds effectively.*

Because we have not designated the amount of net proceeds from this offering to be used for any particular purpose, our management will have broad discretion as to the application of the net proceeds from this offering, as described below in “Use of Proceeds,” and could use them for purposes other than those contemplated at the time of the offering. Our management may use the net proceeds for corporate purposes that may not improve our financial condition or market value of our common stock.

*A large number of our common shares are issuable upon exercise of outstanding convertible securities, which, if exercised or converted, would be dilutive to your holdings.*

As of December 31, 2016, there were outstanding purchase options and warrants entitling the holders to purchase 2,731,493 common shares at a weighted average exercise price of \$6.22 per share. This includes 26,105 warrants that are conditional upon the exercise of other warrants. As of December 31, 2016, there were 337,045 shares underlying promissory notes convertible into common stock at a weighted average exercise price of \$4.00.

As a result of the sale of the Notes and Warrants, up to an additional 323,835 shares of our common stock could be issued if the Notes are converted and the Warrants are exercised in full.

The exercise price for all of our outstanding options and warrants, or the conversion price of our convertible notes, may be less than your cost to acquire our common shares. If holders exercise or convert these securities, you could suffer substantial dilution of your investment in terms of your percentage ownership in us as well as the book value of your common shares. In addition, the holders of the convertible notes, common share purchase options or warrants may sell common shares in tandem with their exercise or conversion of those securities to finance that exercise or conversion, or may resell the shares purchased in order to cover any income tax liabilities that may arise from their exercise of the options or warrants or conversion of the notes.

## USE OF PROCEEDS

We will not receive any of the proceeds of the sale of shares registered hereunder although we could receive \$574,087 if all of the Warrants are exercised for cash.

## SELLING STOCKHOLDERS

The shares of common stock being offered by the selling stockholders include those issued to the selling stockholders pursuant to the securities purchase agreement we entered into with certain of the selling stockholders and shares of common stock issuable upon exercise of the warrants purchased pursuant to the securities purchase agreement. The shares of common stock being offered by the selling stockholders also include common stock underlying warrants issued to the placement agent in connection with the securities purchase agreement. For additional information regarding the issuance of the common stock and warrants, see "Private Placement of Common Stock and Warrants" above. We are registering the shares of common stock in order to permit the selling stockholders to offer the shares for resale from time to time. Except for the ownership of shares of common stock, warrants and convertible promissory notes by certain of the selling stockholders acquired in various transactions, and Roth Capital Partners, LLC having acted as placement agent in connection with the private placement of securities effected pursuant to the securities purchase agreement and in connection with the December 2014 financing, the selling stockholders have not had any material relationship with us within the past three years.

The table below lists the selling stockholders and other information regarding the beneficial ownership of shares of our common stock by each of the selling stockholders. The second column lists the number of shares of common stock beneficially owned by each selling stockholder, based on its ownership of our common stock and warrants, as of January 11, 2017, assuming exercise of all warrants held by the selling stockholders on that date, without regard to any limitations on exercise.

The third column lists the shares of common stock being offered by this prospectus by the selling stockholders.

In accordance with the terms of a registration rights agreement with the selling stockholders, this prospectus generally covers the resale of at least the sum of (i) the number of shares of common stock issued pursuant to the securities purchase agreement as of the trading day immediately preceding the date the registration statement is initially filed with the Securities and Exchange Commission, and (ii) the maximum number of shares of common stock issued and issuable upon exercise of the warrants as of the trading day immediately preceding the date the registration statement is initially filed with the Securities and Exchange Commission.

Under the terms of the warrants, a selling stockholder may not exercise the warrants to the extent such exercise would cause such selling stockholder, together with its affiliates, to beneficially own a number of shares of common stock which would exceed 4.99% of the then-outstanding shares of our common stock following such exercise, excluding for purposes of such determination shares of common stock issuable upon exercise of the warrants which have not been exercised. The number of shares in the second column does not reflect this limitation. The selling stockholders may sell in this offering all, some or none of the shares they acquired, or may acquire upon exercise of warrants acquired, pursuant to the securities purchase agreement. See "Plan of Distribution."

<b>Name of Selling Stockholder</b>	<b>Number of Shares of Common Stock Owned Prior to Offering</b>	<b>Maximum Number of Shares of Common Stock to be Sold Pursuant to this Prospectus</b>	<b>Number of Shares of Common Stock Owned After Offering (1)</b>
<b>Alpha Capital Anstalt (2)</b>	705,833	231,315	474,518
<b>Osher Capital Partners LLC (3)</b>	144,194	92,520	51,674

(1) Represents the number of shares of common stock that will be beneficially owned by the selling stockholder after completion of this offering based on the assumptions that (i) all of the shares of common stock registered for resale by the registration statement of which this prospectus is a part will be sold and (ii) no other shares of common stock will be acquired or sold by the selling stockholder before completion of this offering. However, the selling stockholder may sell all, part or none of its shares of common stock offered pursuant to this prospectus and may sell all, part or none of its common stock pursuant to one or more exemptions from the registration provisions of the Securities Act of 1933, as amended.

(2) Includes 297,619 shares of common stock issuable upon the exercise of a warrant to purchase shares of common stock with an exercise price of \$6.30 per share, subject to customary adjustments, which expires on June 25, 2020, 37,188 shares of common stock issuable upon the exercise of a warrant to purchase shares of common stock with an exercise price of \$5.00 per share, subject to customary adjustments, which expires on November 6, 2019, 22,500 shares of common stock issuable upon the exercise of a warrant to purchase shares of common stock with an exercise price of \$5.00 per share, subject to customary adjustments, which expires on November 6, 2019, 91,125 shares of common stock issuable upon the exercise of a warrant to purchase shares of common stock with an exercise price of \$4.50 per share, subject to customary adjustments, which expires on December 30, 2021, and 257,401 shares of common stock issuable upon the conversion of two convertible promissory notes with a conversion price of \$4.00 per share, subject to customary adjustments. Konrad Ackermann and Dr. Nicola Feuerstein have discretionary authority to vote and dispose of the shares held by Alpha Capital Anstalt, and each may be deemed to be the beneficial owner of these shares.



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(3) Includes 11,905 shares of common stock issuable upon the exercise of a warrant to purchase shares of common stock with an exercise price of \$6.30 per share, subject to customary adjustments, which expires on June 25, 2020, 9,937 shares of common stock issuable upon the exercise of a warrant to purchase shares of common stock with an exercise price of \$5.00 per share, subject to customary adjustments, which expires on November 6, 2019, 7,500 shares of common stock issuable upon the exercise of a warrant to purchase shares of common stock with an exercise price of \$5.00 per share, subject to customary adjustments, which expires on November 6, 2019, 36,450 shares of common stock issuable upon the exercise of a warrant to purchase shares of common stock with an exercise price of \$4.50 per share, subject to customary adjustments, which expires on December 30, 2021, and 78,402 shares of common stock issuable upon the conversion of two convertible promissory notes with a conversion price of \$4.00 per share, subject to customary adjustments. Ari Kluger has discretionary authority to vote and dispose of the shares held by Osher Capital Partners LLC and may be deemed to be the beneficial owner of these shares.

## **PLAN OF DISTRIBUTION**

We are registering the shares of common stock issued pursuant to the terms of the securities purchase agreement and upon exercise of the warrants to permit the resale of these shares of common stock by the holders of such shares and warrants from time to time after the date of this prospectus. We will not receive any of the proceeds from the sale by the selling stockholders of the shares of common stock. We will bear all fees and expenses incident to our obligation to register the shares of common stock.

The selling stockholders may sell all or a portion of the shares of common stock beneficially owned by them and offered hereby from time to time directly or through one or more underwriters, broker-dealers or agents. If the shares of common stock are sold through underwriters or broker-dealers, the selling stockholders will be responsible for underwriting discounts or commissions or agent's commissions. The shares of common stock may be sold in one or more transactions at fixed prices, at prevailing market prices at the time of the sale, at varying prices determined at the time of sale, or at negotiated prices. These sales may be effected in transactions, which may involve crosses or block transactions,

· on any national securities exchange or quotation service on which the securities may be listed or quoted at the time of sale;

· in the over-the-counter market;

· in transactions otherwise than on these exchanges or systems or in the over-the-counter market;

· through the writing of options, whether such options are listed on an options exchange or otherwise;

- ordinary brokerage transactions and transactions in which the broker-dealer solicits purchasers;
- block trades in which the broker-dealer will attempt to sell the shares as agent but may position and resell a portion of the block as principal to facilitate the transaction;
- purchases by a broker-dealer as principal and resale by the broker-dealer for its account;
- an exchange distribution in accordance with the rules of the applicable exchange;
- privately negotiated transactions;
- short sales;
- sales pursuant to Rule 144;
- broker-dealers may agree with the selling security holders to sell a specified number of such shares at a stipulated price per share;
- a combination of any such methods of sale; and
- any other method permitted pursuant to applicable law.

If the selling stockholders effect such transactions by selling shares of common stock to or through underwriters, broker-dealers or agents, such underwriters, broker-dealers or agents may receive commissions in the form of discounts, concessions or commissions from the selling stockholders or commissions from purchasers of the shares of common stock for whom they may act as agent or to whom they may sell as principal (which discounts, concessions or commissions as to particular underwriters, broker-dealers or agents may be in excess of those customary in the types of transactions involved). In connection with sales of the shares of common stock or otherwise, the selling stockholders may enter into hedging transactions with broker-dealers, which may in turn engage in short sales of the shares of common stock in the course of hedging in positions they assume. The selling stockholders may also sell shares of common stock short and deliver shares of common stock covered by this prospectus to close out short positions and to return borrowed shares in connection with such short sales. The selling stockholders may also loan or pledge shares of common stock to broker-dealers that in turn may sell such shares.

The selling stockholders may pledge or grant a security interest in some or all of the shares of common stock or warrants owned by them and, if they default in the performance of their secured obligations, the pledgees or secured parties may offer and sell the shares of common stock from time to time pursuant to this prospectus or any amendment to this prospectus under Rule 424(b)(3) or other applicable provision of the Securities Act of 1933, as amended, amending, if necessary, the list of selling stockholders to include the pledgee, transferee or other successors in interest as selling stockholders under this prospectus. The selling stockholders also may transfer and donate the shares of common stock in other circumstances, in which case the transferees, donees, pledgees or other successors in interest will be the selling beneficial owners for purposes of this prospectus.

The selling stockholders and any broker-dealer participating in the distribution of the shares of common stock may be deemed to be "underwriters" within the meaning of the Securities Act of 1933, as amended, and any commission paid, or any discounts or concessions allowed to, any such broker-dealer may be deemed to be underwriting commissions or discounts under the Securities Act of 1933, as amended. At the time a particular offering of the shares of common stock is made, a prospectus supplement, if required, will be distributed which will set forth the aggregate amount of shares of common stock being offered and the terms of the offering, including the name or names of any broker-dealers or agents, any discounts, commissions and other terms constituting compensation from the selling stockholders and any discounts, commissions or concessions allowed or reallocated or paid to broker-dealers.

Under the securities laws of some states, the shares of common stock may be sold in such states only through registered or licensed brokers or dealers. In addition, in some states the shares of common stock may not be sold unless such shares have been registered or qualified for sale in such state or an exemption from registration or qualification is available and is complied with.

We cannot assure you that any selling stockholder will sell any or all of the shares of common stock registered pursuant to the registration statement, of which this prospectus forms a part.

The selling stockholders and any other person participating in such distribution will be subject to applicable provisions of the Securities Exchange Act of 1934, as amended, and the rules and regulations thereunder, including, without limitation, Regulation M of the Securities Exchange Act of 1934, as amended, which may limit the timing of purchases and sales of any of the shares of common stock by the selling stockholders and any other participating person. Regulation M may also restrict the ability of any person engaged in the distribution of the shares of common stock to engage in market-making activities with respect to the shares of common stock. All of the foregoing may affect the marketability of the shares of common stock and the ability of any person or entity to engage in market-making activities with respect to the shares of common stock.

We will pay all expenses of the registration of the shares of common stock underlying the Notes and Warrants, including, without limitation, Securities and Exchange Commission filing fees and expenses of compliance with state securities or blue sky laws; provided, however, that a selling stockholder will pay all underwriting discounts and selling commissions, if any. We will indemnify the selling stockholders against liabilities, including some liabilities under the Securities Act of 1933, as amended, in accordance with the registration rights agreement, or the selling stockholders will be entitled to contribution. We may be indemnified by the selling stockholders against civil liabilities, including liabilities under the Securities Act of 1933, as amended, that may arise from any written information furnished to us by the selling stockholder specifically for use in this prospectus, in accordance with the related registration rights agreement, or we may be entitled to contribution.

Once sold under the registration statement, of which this prospectus forms a part, the shares of common stock will be freely tradable in the hands of persons other than our affiliates.

## **EXPERTS**

The consolidated financial statements of Aethlon Medical, Inc. as of March 31, 2015 and 2014 and for each of the years in the two-year period ended March 31, 2015 have been audited by Squar Milner LLP (formerly Squar, Milner, Peterson, Miranda & Williamson, LLP), an independent registered public accounting firm, as stated in their report thereon and incorporated by reference in this prospectus supplement, the accompanying prospectus and the registration statement in reliance upon such report and upon the authority of such firm as experts in accounting and auditing.

## **LEGAL MATTERS**

Jolie Kahn, Esq. has passed upon the validity of the securities offered by this prospectus supplement.

## **INFORMATION INCORPORATED BY REFERENCE**

This prospectus supplement is part of a registration statement on Form S-3. The Commission allows this filing to "incorporate by reference" information that we previously have filed with the Commission. This means we can disclose important information to you by referring you to other documents that we have filed with the Commission. The information that is incorporated by reference is considered part of this prospectus supplement, and information that we file later will automatically update and may supersede this information. For further information about our company and the securities being offered, you should refer to the registration statement and the following documents that are incorporated by reference:

Our Annual Report on Form 10-K for the fiscal year ended March 31, 2016, filed with the Commission on June 26, 2015, as amended on 29, 2016;

Our Quarterly Reports on Form 10-Q for the quarter ended June 30, 2016, filed with the Commission on August 11, 2016, and for the quarter ended September 30, 2016, filed with the Commission on November 11, 2016, respectively;

Our Current Reports on Form 8-K filed with the Commission on June 3, 2016, June 7, 2016, June 28, 2016, August 10, 2016 and December 30, 2016, respectively;

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All other reports filed by us pursuant to Section 13(a) or 15(d) of the Exchange Act since the end of the fiscal year covered by the annual report referred to above; and

The description of our common stock contained in our registration statement on Form 8-A filed with the Commission on July 8, 2015, including any amendments or reports filed for the purpose of updating such description.

All documents filed by us subsequent to those listed above with the Commission pursuant to Section 13(a), 13(c), 14 or 15(d) of the Exchange Act following the date of filing of the registration statement of which this prospectus supplement is a part and prior to the termination of the offering, shall be deemed to be incorporated by reference into this prospectus supplement and to be a part hereof from the date of filing of such documents. The information relating to our company contained in this prospectus supplement does not purport to be comprehensive and should be read together with the information contained in the incorporated documents. Any statement contained in a document incorporated by reference herein shall be deemed to be modified or superseded for purposes of this prospectus supplement to the extent that a statement contained herein or in any other subsequently filed document which also is or is deemed to be incorporated by reference herein modifies or supersedes such statement. Any statement so modified or superseded shall not be deemed, except as so modified or superseded, to constitute a part of this prospectus supplement.

You may request a copy of all documents that are incorporated by reference in this prospectus supplement by writing or telephoning us at the following address and number: Aethlon Medical, Inc., 9635 Granite Ridge Drive, Suite 100 San Diego, California 92123, (858) 459-7800. We will provide copies of all documents requested (not including exhibits to those documents, unless the exhibits are specifically incorporated by reference into those documents or this prospectus supplement) without charge.

**You should rely only on the information provided in and incorporated by reference into this prospectus supplement or the accompanying prospectus. We have not authorized anyone else to provide you with different information. You should not assume that the information in this prospectus supplement or the accompanying prospectus is accurate as of any date other than the date on the front cover of these documents.**

### EXHIBITS:

99.1 Form of Securities Purchase Agreement

99.2 Form of Note

99.3 Form of Warrant

S-9



## **PROSPECTUS**

**Aethlon Medical, Inc.**

**\$12,500,000**

**Common Stock  
Debt Securities  
Warrants  
Units**

From time to time, we may offer up to \$12,500,000 of any combination of the securities described in this prospectus, either individually or in units.

This prospectus provides a general description of the securities we may offer. Each time we sell securities, we will provide specific terms of the securities offered in a supplement to this prospectus. We may also authorize one or more free writing prospectuses to be provided to you in connection with these offerings. The prospectus supplement and any related free writing prospectus may also add, update or change information contained in this prospectus. You should carefully read this prospectus, the applicable prospectus supplement and any related free writing prospectus, as well as any documents incorporated by reference herein and therein, before you invest in any securities. This prospectus may not be used to consummate a sale of securities unless accompanied by the applicable prospectus supplement.

Our common stock is listed on the Nasdaq Capital Market under the symbol "AEMD." On May 2, 2016, the last reported sale price for our common stock was \$5.16 per share. The applicable prospectus supplement will contain information, where applicable, as to any other listing on the Nasdaq Capital Market or any securities market or other exchange of the securities, if any, covered by the prospectus supplement.

The closing sale price of our common stock on April 4, 2016 was \$5.89 per share. As of April 4, 2016, the aggregate market value of our outstanding common stock held by non-affiliates, or the public float, was approximately \$38,164,378 based upon 6,479,521 shares of our outstanding stock held by non-affiliates at the per share price of \$5.89. Pursuant to General Instruction I.B.6 of Form S-3, in no event will we sell our common stock in a public primary offering with a value exceeding more than one-third of our public float in any 12-month period so long as our public float remains below \$75,000,000. We have not offered any securities pursuant to General Instruction I.B.6. of Form S-3 during the prior 12 calendar month period that ends on and includes the date of this prospectus. One-third of

our public float, calculated in accordance with General Instruction I.B.6 of Form S-3, is equal to approximately \$12,721,459.

**INVESTING IN OUR SECURITIES INVOLVES RISKS. YOU SHOULD REVIEW CAREFULLY THE RISKS AND UNCERTAINTIES DESCRIBED UNDER THE HEADING "RISK FACTORS" ON PAGE 5 AND CONTAINED IN THE APPLICABLE PROSPECTUS SUPPLEMENT AND ANY RELATED FREE WRITING PROSPECTUS AND UNDER SIMILAR HEADINGS IN THE OTHER DOCUMENTS THAT ARE INCORPORATED BY REFERENCE INTO THIS PROSPECTUS.**

We will sell these securities directly to investors, through agents designated from time to time or to or through underwriters or dealers. For additional information on the methods of sale, you should refer to the section entitled "Plan of Distribution" in this prospectus. If any underwriters are involved in the sale of any securities with respect to which this prospectus is being delivered, the names of such underwriters and any applicable commissions or discounts will be set forth in a prospectus supplement. The price to the public of such securities and the net proceeds we expect to receive from such sale will also be set forth in a prospectus supplement.

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

**The date of this prospectus is May 12, 2016.**

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**No dealer, salesperson, or other person has been authorized to give any information or to make any representation not contained in this prospectus, and, if given or made, such information and representation should not be relied upon as having been authorized by us. This prospectus does not constitute an offer to sell or a solicitation of an offer to buy any of the securities offered by this prospectus in any jurisdiction or to any person to whom it is unlawful to make such offer or solicitation. Neither the delivery of this prospectus nor any sale made hereunder shall under any circumstances create an implication that there has been no change in the facts set forth in this prospectus or in our affairs since the date hereof.**

## ABOUT THIS PROSPECTUS

This prospectus is a part of a registration statement that we filed with the Securities and Exchange Commission (the "Commission") utilizing a "shelf" registration process. Under this shelf registration process, we may sell any combination of the securities described in this prospectus in one or more offerings up to a total dollar amount of \$12,500,000. This prospectus provides you with a general description of the securities we may offer. Each time we sell securities under this shelf registration, we will provide a prospectus supplement that will contain specific information about the terms of that offering. We may also authorize one or more free writing prospectuses to be provided to you that may contain material information relating to these offerings. The prospectus supplement and any related free writing prospectus that we may authorize to be provided to you may also add, update or change information contained in this prospectus or in any documents that we have incorporated by reference into this prospectus. You should read this prospectus, any applicable prospectus supplement and any related free writing prospectus, together with the information incorporated herein by reference as described under the heading "Where You Can Find More Information."

You should rely only on the information that we have provided or incorporated by reference in this prospectus, any applicable prospectus supplement and any related free writing prospectus that we may authorize to be provided to you. We have not authorized any dealer, salesman or other person to give any information or to make any representation other than those contained or incorporated by reference in this prospectus, any applicable prospectus supplement or any related free writing prospectus that we may authorize to be provided to you. You must not rely upon any information or representation not contained or incorporated by reference in this prospectus or the accompanying prospectus supplement. This prospectus and the accompanying supplement to this prospectus do not constitute an offer to sell or the solicitation of an offer to buy any securities other than the registered securities to which they relate, nor do this prospectus and the accompanying supplement to this prospectus constitute an offer to sell or the solicitation of an offer to buy securities in any jurisdiction to any person to whom it is unlawful to make such offer or solicitation in such jurisdiction. You should not assume that the information contained in this prospectus, any applicable prospectus supplement or any related free writing prospectus is accurate on any date subsequent to the date set forth on the front of the document or that any information we have incorporated by reference is correct on any date subsequent to the date of the document incorporated by reference, even though this prospectus, any applicable prospectus supplement or any related free writing prospectus is delivered or securities sold on a later date.

**For investors outside the United States, we have not done anything that would permit this offering or possession or distribution of this prospectus in any jurisdiction where action for that purpose is required, other than in the United States. You are required to inform yourselves about and to observe any restrictions relating to this offering and the distribution of this prospectus outside of the United States.**

As permitted by the rules and regulations of the Commission, the registration statement, of which this prospectus forms a part, includes additional information not contained in this prospectus. You may read the registration statement and the other reports we file with the Commission at the Commission's web site or at the Commission's offices described below under the heading "Where You Can Find Additional Information."

You should assume that the information contained or incorporated by reference in this prospectus, any prospectus supplement or other offering materials is accurate only as of the dates of those documents or documents incorporated by reference, as applicable. Our business, financial condition, results of operations and prospects may have changed since those dates.

Unless the context requires otherwise or unless otherwise noted, all references to "Aethlon" are to Aethlon Medical, Inc., a Nevada corporation, and all references to "we," "us" or "our" are to Aethlon Medical, Inc. and its subsidiaries.

Trademarks, service marks or trade names of any other companies appearing in this prospectus are the property of their respective owners. Use or display by us of trademarks, service marks or trade names owned by others is not intended to and does not imply a relationship between us and, or endorsement or sponsorship by, the owners of the trademarks, service marks or trade names.

### **Cautionary Note Regarding Forward-Looking Information**

This prospectus, in particular the "Management's Discussion and Analysis of Financial Condition and Results of Operations" incorporated herein by reference, contains certain "forward-looking statements" within the meaning of Section 27A of the Securities Act and Section 21E of the Securities Exchange Act of 1934, as amended (the "Exchange Act"). These forward-looking statements represent our expectations, beliefs, intentions or strategies concerning future events, including, but not limited to, any statements regarding our assumptions about financial performance; the continuation of historical trends; the sufficiency of our cash balances for future liquidity and capital resource needs; the expected impact of changes in accounting policies on our results of operations, financial condition or cash flows; anticipated problems and our plans for future operations; and the economy in general or the future of the medical device industry, all of which are subject to various risks and uncertainties.

When used in this prospectus as well as in reports, statements, and information we have filed with the Commission, in our press releases, in presentations to securities analysts or investors, or in oral statements made by or with the approval of an executive officer, the words or phrases "believes," "may," "will," "expects," "should," "continue," "anticipates," "intends," "will likely result," "estimates," "projects" or similar expressions and variations thereof are intended to identify such forward-looking statements. However, any statements contained in this prospectus that are not statements of historical fact may be deemed to be forward-looking statements. We caution that these statements by their nature involve risks and uncertainties, certain of which are beyond our control, and actual results may differ materially depending on a variety of important factors.



## PROSPECTUS SUMMARY

*This summary highlights information included or incorporated by reference in this prospectus. This summary may not contain all of the information that may be important to you. Before making an investment decision, you should read carefully this entire prospectus, any accompanying prospectus supplement and any other offering materials, together with the additional information described under the heading "Where You Can Find More Information" on page 37 of this prospectus.*

### Company Overview

Our mission is to create innovative medical devices that address unmet medical needs in cancer, infectious disease, and other life-threatening conditions. Our Aethlon ADAPT™ system provides a platform to develop medical devices that target the selective removal of disease-promoting particles from the circulatory system. At present, the Aethlon ADAPT product pipeline includes the Aethlon Hemopurifier® to address infectious disease and cancer, and a medical device being developed under a five-year contract with the Defense Advanced Research Projects Agency, or DARPA, to reduce the incidence of sepsis in combat-injured soldiers.

In the treatment of infectious diseases, the Hemopurifier is designed for the single-use removal of viruses and shed glycoproteins from circulation. In cancer-related therapy situations, we are exploring the potential use of the Hemopurifier to remove tumor-secreted exosomes, which promote cancer progression. *In vitro* studies have demonstrated that our Hemopurifier can capture exosomes underlying a broad-spectrum of cancer indications. To support our endeavors, we applied for and have received patent protection for the capture of tumor-secreted exosomes.

In June 2013, the U.S. Food and Drug Administration, or FDA, approved an investigational device exemption that allows us to initiate human feasibility studies of the Aethlon Hemopurifier in the U.S. Under our approved feasibility study protocol, we will study ten end-stage renal disease patients who are infected with the Hepatitis C virus to demonstrate the safety of Hemopurifier therapy. Assuming successful completion of this study, we will be able to initiate further stage studies required for market clearance to treat Hepatitis C and other viral pathogens.

We began enrolling patients for the study at the DaVita Dialysis Medical Center in Houston, Texas in February 2015. We expect to complete the study by the end of 2016. However, we cannot assure you that the clinical trial will be completed by then.



On September 30, 2011, we entered into a \$6.8 million multi-year contract with DARPA, which will terminate on September 30, 2016 unless further extended by DARPA. Under this contract, our tasks include the development of a dialysis-like device to prevent sepsis, a fatal bloodstream infection that is often the cause of death in combat-injured soldiers. To date, we have billed and collected \$5,548,573 for achieving 27 milestones under this contract.

Through our majority-owned subsidiary, Exosome Sciences, Inc., we are also developing exosome-based products to diagnose and monitor neurological disorders and cancer. To date, we are still in the product development stage.

Since inception, we have primarily financed our operations through net proceeds obtained from the private placement of our debt and equity securities. At December 31, 2015, we had a cash balance of \$3,250,897 and working capital of \$2,551,395. In June 2015, we raised \$5,591,988 in net proceeds from a financing, which, coupled with previously existing funds on hand and expected revenues from our government contracts, should finance our operations through June 30, 2016. We will require significant additional financing to complete additional future clinical trials in the U.S., as well as fund all of our continued research and development activities for the Hemopurifier and products on the Aethlon ADAPT platform.

### **Risks Associated with our Business**

We have experienced substantial operating losses since inception. As of December 31, 2015, we had an accumulated deficit of \$82,254,522, which included losses of approximately \$3,624,808 and \$5,910,444 for the nine-month periods ended December 31, 2015 and 2014, respectively. Historically, our losses have resulted principally from costs incurred in the research and development of our medical devices, and general and administrative expenses, which together were approximately \$3,980,367 and \$3,423,985 for the nine-month periods ended December 31,