Microbot Medical Inc.
Form S-1
November 08, 2018

As filed with the Securities and Exchange Commission on November 8, 2018

Registration No. 333-

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

FORM S-1

REGISTRATION STATEMENT
UNDER
THE SECURITIES ACT OF 1933

MICROBOT MEDICAL INC.

(Exact Name of Registrant as Specified in Its Charter)

Delaware	**2836**	**94-3078125**
(State or Other Jurisdiction of Incorporation or Organization)	(Primary Standard Industrial Classification Code Number)	(I.R.S. Employer Identification Number)

25 Recreation Park Drive, Unit 108
Hingham, MA 02043

(781) 875-3605

(Address, Including Zip Code, and Telephone Number, Including Area Code,
of Registrant's Principal Executive Offices)

Harel Gadot
President, Chief Executive Officer, Chairman
25 Recreation Park Drive, Unit 108
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(Name, Address, Including Zip Code, and Telephone Number, Including Area Code, of Agent for Service)

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Approximate date of commencement of proposed sale to the public: As soon as practicable after the effective date of this registration statement.

If any of the securities being registered on this Form are to be offered on a delayed or continuous basis pursuant to Rule 415 under the Securities Act of 1933, as amended (the "Securities Act"), check the following box.

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

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

offering.

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

Large accelerated filer	Accelerated filer
Non-accelerated filer	Smaller reporting company
	Emerging growth company

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

CALCULATION OF REGISTRATION FEE

Title of Each Class of Securities to be Registered(1)	**Proposed Maximum Aggregate Offering Price(2)(3)**	**Amount of Registration Fee(3)**
Common Stock, par value $0.01 per share	$23,000,000	$ 2,787.60
Pre-funded warrants to purchase shares of common stock and common stock issuable upon exercise thereof	—	—
Underwriter warrants to purchase shares of common stock issuable upon exercise thereof(4)	$1,437,500	$ 174.23
Total	$24,437,500	$ 2,961.83

(1) Pursuant to Rule 416 under the Securities Act of 1933, as amended, the securities being registered hereunder include such indeterminate number of additional securities as may be issuable to prevent dilution resulting from stock splits, stock dividends or similar transactions.

(2) The proposed maximum aggregate offering price of the common stock proposed to be sold in the offering will be reduced on a dollar-for-dollar basis based on the aggregate offering price of the pre-funded warrants offered and sold in the offering, and therefore the proposed aggregate maximum offering price of the common stock and pre-funded warrants (including the common stock issuable upon exercise of the pre-funded warrants), if any, is $23,000,000.

(3) Estimated solely for the purpose of calculating the amount of the registration fee pursuant to Rule 457(o) of the Securities Act of 1933, as amended. Includes the offering price of any additional securities that the underwriter has the option to purchase.

(4) Represents warrants issuable to H.C. Wainwright & Co., LLC (the "Underwriter's Warrants") to purchase a number of shares of common stock equal to 5% of the number of shares of common stock (including the shares of common stock issued pursuant to the underwriter's exercise of its over-allotment option and pre-funded warrants) being offered at an exercise price equal to 125% of the public offering price. Resales of the Underwriter's Warrants on a delayed or continuous basis pursuant to Rule 415 under the Securities Act of 1933, as amended, are registered hereby. Resales of shares of common stock issuable upon exercise of the Underwriter's Warrants are also being similarly registered on a delayed or continuous basis hereby. See "Underwriting."

The Registrant hereby amends this registration statement on such date or dates as may be necessary to delay its effective date until the Registrant shall file a further amendment that specifically states that this registration statement shall thereafter become effective in accordance with Section 8(a) of the Securities Act of 1933, as amended, or until the registration statement shall become effective on such date as the Securities and Exchange Commission, acting pursuant to said Section 8(a), may determine.

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

PRELIMINARY PROSPECTUS SUBJECT TO COMPLETION, DATED NOVEMBER 8, 2018

Shares of Common Stock
Pre-Funded Warrants to Purchase Shares of Common Stock

We are offering _____ shares of our common stock.

We are also offering to certain purchasers whose purchase of shares of common stock in this offering would otherwise result in the purchaser, together with its affiliates and certain related parties, beneficially owning more than 4.99% (or, at the election of the purchaser, 9.99%) of our outstanding common stock immediately following the consummation of this offering, the opportunity to purchase, if any such purchaser so chooses, pre-funded warrants, in lieu of shares of common stock that would otherwise result in such purchaser's beneficial ownership exceeding 4.99% (or, at the election of the purchaser, 9.99%) of our outstanding common stock. The purchase price of each pre-funded warrant will be equal to the price per share at which shares of common stock are sold to the public in this offering, minus $0.01, and the exercise price of each pre-funded warrant will be $0.01 per share. This offering also relates to the shares of common stock issuable upon exercise of any pre-funded warrants sold in this offering. The pre-funded warrants will be exercisable immediately and may be exercised at any time until all of the pre-funded warrants are exercised in full. For each pre-funded warrant we sell, the number of shares of common stock we are offering will be decreased on a one-for-one basis.

Our common stock is listed on The Nasdaq Capital Market under the symbol "MBOT." On November 7, 2018, the last reported sale price of our common stock on The Nasdaq Capital Market was $4.64 per share. The public offering price per share and any pre-funded warrant will be determined between us and the underwriter at the time of pricing, and may be at a discount to the current market price. There is no established public trading market for the pre-funded warrants and the Underwriter's Warrants, and we do not expect a market to develop. In addition, we do not intend to apply for a listing of the pre-funded warrants and the Underwriter's Warrants on any national securities exchange or other nationally recognized trading system.

Investing in our securities involves a high degree of risk. See the section entitled "Risk Factors" beginning on page 7 of this prospectus and in the documents incorporated by reference into this prospectus for a discussion of risks that should be considered in connection with an investment in our securities.

	Per Share	Per Pre-Funded Warrant	Total
Public offering price	$	$	$
Underwriting discounts and commissions(1)	$	$	$
Proceeds, before expenses, to us	$	$	$

(1) See "Underwriting" beginning on page 20 of this prospectus for a description of compensation and reimbursement of expenses payable to the underwriter.

The offering is being underwritten on a firm commitment basis. We have granted the underwriter an option for a period of 30 days from the date of this prospectus to purchase up to an additional shares of our common stock at the public offering price, less the underwriting discounts and commissions, to cover over-allotments, if any. If the underwriter exercises this option in full, the total underwriting discounts and commissions payable by us will be $, and the total proceeds to us, before expenses, will be $_____.

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

Delivery of the shares of common stock and any pre-funded warrants to purchasers is expected on or about _____, 2018, subject to certain customary closing conditions.

Sole Book-Running Manager

H.C. Wainwright & Co.

The date of this prospectus is _____, 2018

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We have not, and the underwriter has not, authorized anyone to provide any information or to make any representations other than those contained in this prospectus or in any free writing prospectuses prepared by or on behalf of us or to which we have referred you. We take no responsibility for, and can provide no assurance as to the reliability of, any other information that others may give you. This prospectus is an offer to sell only the securities offered hereby, and only under circumstances and in jurisdictions where it is lawful to do so. The information contained in this prospectus or in any applicable, authorized free writing prospectus is current only as of its date, and any information in documents incorporated by reference is current only as of the date of the document incorporated by reference, regardless of its time of delivery or any sale of our securities. Our business, financial condition, results of operations and prospects may have changed since that date.

For investors outside the United States: We have not, and the underwriter has 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. Persons outside the United States who come into possession of this prospectus must inform themselves about, and observe any restrictions relating to, the offering of the securities and the distribution of this prospectus outside the United States.

PROSPECTUS SUMMARY

This summary highlights information contained in other parts of this prospectus or information incorporated by reference into this prospectus from our filings with the Securities and Exchange Commission, or SEC, listed in the section of the prospectus entitled "Incorporation of Certain Information by Reference." Because it is only a summary, it does not contain all of the information that you should consider before purchasing our securities in this offering and it is qualified in its entirety by, and should be read in conjunction with, the more detailed information appearing elsewhere or incorporated by reference into this prospectus. You should read the entire prospectus, the registration statement of which this prospectus is a part, and the information incorporated by reference herein in their entirety, including the "Risk Factors" and our financial statements and the related notes incorporated by reference into this prospectus, before purchasing our securities in this offering. Unless the context requires otherwise, references in this prospectus to "Microbot," "we," "us" and "our" refer to Microbot Medical Inc. together with its wholly owned subsidiaries.

Overview

Our Company

Microbot is a pre-clinical medical device company specializing in the research, design and development of next generation robotic endoluminal surgery devices targeting the minimally invasive surgery space. Microbot is primarily focused on leveraging its micro-robotic technologies with the goal of improving surgical outcomes for patients.

Microbot's current technological platforms, ViRob™, TipCAT™ and CardioSert™, are comprised of proprietary innovative technologies. Using the ViRob platform, Microbot is currently developing its first product candidate: the Self Cleaning Shunt, or SCS™, for the treatment of hydrocephalus and Normal Pressure Hydrocephalus, or NPH. Although the SCS utilizes one of our platforms, we are focused on the development of a Multi Generation Pipeline Portfolio utilizing all three of our proprietary technologies.

Microbot has a patent portfolio of 25 issued/allowed patents and 15 patent applications pending worldwide.

Technological Platforms

ViRob

The ViRob is an autonomous crawling micro-robot which can be controlled remotely or within the body. Its miniature dimensions are expected to allow it to navigate and crawl in different natural spaces within the human body, including blood vessels, the digestive tract and the respiratory system as well as artificial spaces such as shunts, catheters, ports, etc. Its unique structure is expected to give it the ability to move in tight spaces and curved passages as well as the ability to remain within the human body for prolonged time. The SCS product was developed using the ViRob technology.

CardioSert

On May 25, 2018, Microbot acquired a patent-protected technology from CardioSert Ltd., a privately-held medical device company based in Israel. The CardioSert™ technology contemplates a combination of a guidewire and microcatheter, technologies that are broadly used for surgery within a tubular organ or structure such as a blood vessel or duct. The CardioSert™ technology features a unique guidewire delivery system with steering and stiffness control capabilities which when developed is expected to give the physician the ability to control the tip curvature, to adjust tip load to varying degrees of stiffness in a gradually continuous manner. The CardioSert™ technology was originally developed to support interventional cardiologists in crossing chronic total occlusions (CTO) during percutaneous coronary intervention (PCI) procedures and has the potential to be used in other spaces and applications, such as peripheral intervention, and neurosurgery. CardioSert™ was part of a technological incubator supported by the Israel Innovation Authorities (formerly known as the Office of the Chief Scientist, or OCS), and a device based on the technology has successfully completed pre-clinical testing.

TipCAT

The TipCAT is a disposable self-propelled locomotive device that is specially designed to advance in tubular anatomies. The TipCAT is a mechanism comprising a series of interconnected balloons at the device’s tip that provides the TipCAT with its forward locomotion capability. The device can self-propel within natural tubular lumens such as the blood vessels, respiratory and the urinary and GI tracts. A single channel of air/fluid supply sequentially inflates and deflates a series of balloons creating an inchworm like forward motion. The TipCAT maintains a standard working channel for treatments. Unlike standard access devices such as guidewires, catheters for vascular access and endoscopes, the TipCAT does not need to be pushed into the patient’s lumen using external pressure; rather, it will gently advance itself through the organ’s anatomy. As a result, the TipCAT is designed to be able to reach every part of the lumen under examination regardless of the topography, be less operator dependent, and greatly reduce the likelihood of damage to lumen structure. The TipCAT thus offers functionality features equivalent to modern tubular access devices, along with advantages associated with its physiologically adapted self-propelling mechanism, flexibility, and design.

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Industry Overview

CSF Management

Hydrocephalus is a medical condition in which there is an abnormal accumulation of cerebrospinal fluid, or CSF, in the brain that can cause increased intracranial pressure. It is estimated that one in every 500 babies are born with hydrocephalus, and over 1,000,000 people in the United States currently live with hydrocephalus.

Symptoms of hydrocephalus vary with age, disease progression and individual tolerance to the condition, but they can include convulsion, tunnel vision, mental disability or dementia-like symptoms and even death. NPH is a type of hydrocephalus that usually occurs in older adults. NPH is generally treated as distinct from other types of hydrocephalus because it develops slowly over time. In NPH, the drainage of CSF is blocked gradually and the excess fluid builds up slowly. This slow accumulation means that the fluid pressure may not be as high as in other types of hydrocephalus. It is estimated that more than 700,000 Americans have NPH, but less than 20% receive an appropriate diagnosis.

Hydrocephalus is most often treated by the surgical insertion of a shunt system. The shunt system diverts the flow of CSF from the brain’s ventricles (or the lumbar subarachnoid space) to another part of the body where the fluid can be more readily absorbed. Hydrocephalus shunt designs have changed little since their introduction in the 1950s. A shunt system typically consists of three parts: the distal tubing or shunt (a flexible and sturdy plastic tube), the ventricular catheter (the proximal catheter), and a valve. The end of the shunt system with the proximal catheter is placed in the ventricles (within the CSF) and the distal catheter is placed in the site of the body where the CSF can be drained. A valve is located along the shunt to maintain and regulate the rate of CSF flow. Current systems can be created from separate components or bought as complete units.

The treatment of hydrocephalus with existing shunt systems often includes complications. For example, approximately 50% of shunts used in the pediatric population fail within two years of placement and repeated neurosurgical operations are often required. Ventricular catheter blockage, or occlusion, is by far the most frequent event that results in shunt failure. Shunt occlusion occurs when there is a partial or complete blockage of the shunt that causes it to function intermittently or not at all. Such a shunt blockage can be caused by the accumulation of blood cells, tissue, or bacteria in any part of the shunt system. In the event of shunt occlusion, CSF begins to accumulate in the brain or lumbar region again and the symptoms of untreated hydrocephalus can reappear until a shunt replacement surgery is performed.

Although several companies are active in the field of hydrocephalus treatment and the manufacturing of shunt systems and shunt components, Microbot believes that the majority of those companies are focusing on the development of valves. The development of a “smart shunt” – a shunt that could provide data to the physician on patient conditions and shunt function with sensor-based controls, or correct the high failure rate of existing shunt systems – is for the most part at an academic and conceptual level only. Reports of smart shunt technologies are typically focused on a subset of components with remaining factors left unspecified, such as hardware, control algorithms or power management. Microbot does not believe that a smart shunt that can prevent functional failures has been developed to date. Because of the limited innovation in this area, Microbot believes an opportunity exists to provide patients suffering from hydrocephalus or NPH with a more effective instrument for treating their condition.

An alternative, short-term solution to hydrocephalus is the implantation of an External Ventricular Drainage, or EVD, an implanted device used in neurosurgery for the short-term treatment and monitoring of elevated intracranial pressure when the normal flow of CSF inside the brain is obstructed. If after using an EVD, the underlying hydrocephalus does not eventually resolve, the EVD may then be converted to a cerebral shunt, a fully internalized, long-term treatment for hydrocephalus.

EVDs are also used in other instances when the normal flow of CSF inside the brain is obstructed, such as a result of head trauma, intracerebral hemorrhage, brain tumors and infection. The EVD serves to divert excess fluids from the brain and allows for the monitoring of intracranial pressure. An EVD must be placed in a center with full neurosurgical capabilities because immediate neurosurgical intervention may be needed if a complication of EVD placement, such as bleeding, is encountered. EVD is one of the most commonly used and most important life-saving procedures in the neurologic ICU, with more than 200,000 neuro-intensive patients requiring EVD insertions annually.

Similar to shunts, EVDs are also prone to occlusion, mostly due to cellular debris, such as blood clots and/or tissue fragments. Studies have shown that approximately 1-7% of EVDs require replacement secondary to occlusion. Current solutions for EVD occlusion include irrigation and replacement, which we believe may be ineffective (in the case of irrigation) or costly (in the case of replacement) and in either case, put the patient at risk of unintended side effects. Microbot believes that with its portfolio of technologies, and its initial pre-clinical results, it is well-positioned to explore and expand its offerings as an alternative solution for EVD occlusion.

Minimally Invasive Endovascular Neurosurgery

Minimally Invasive Surgery, or MIS, refers to surgical procedures performed through tiny incisions instead of a single large opening. Because the incisions are small, patients tend to have quicker recovery times and experience less trauma than with conventional surgery. The global MIS market is expected to exceed $50 billion by 2019, with a CAGR of over 20% through 2023. MIS involves three major category of devices: surgical, monitoring and visualization, and endoscopy. The market for surgical devices, including ablation, electrosurgery and medical robotic systems, accounts for the largest share of revenue and is also expected to show the highest rate of growth.

As a subset of MIS, endovascular neurosurgery refers to surgeries performed by using devices that pass through the blood vessels to diagnose and treat neurological diseases and conditions such as stroke, arteriovenous malformations, aneurysms and atherosclerosis, rather than using open surgery.

The global neurovascular device market was valued at $1.62 billion in 2015 and is expected to reach a value of $2.92 billion by 2024, growing at a CAGR of 6.5%. Increases in the geriatric population and a rise in the number of patients suffering from neurovascular disorders, implementation of advanced technological platforms, and favorable reimbursement policies across established markets are expected to drive this market's growth. On the other hand, the high cost of the endovascular devices and scarcity of neurovascular surgeons may impede such growth.

Stroke is a devastating condition, affecting 33 million people worldwide every year. In the United States alone, there are nearly 800,000 instances of stroke yearly, with about three in four being first-time strokes. This number is expected to increase to one million annually in 2021. Stroke is the fifth leading cause of death in the United States and is a leading cause of long-term disability, with related care costs estimated at $70 billion annually.

Mechanical thrombectomy has only been approved as a first-line treatment for ischemic stroke since 2016. Prior to such aproval, chemical thrombolysis using tissue plasminogen activators was the only first-line treatment available, limiting the therapeutic window for ischemic stroke patients to as little as 3-4 hours from the onset of symptoms. With mechanical thrombectomy, treatment can be started within 6-24 hours of the time the patient was last known to be well. The US mechanical thrombectomy market is projected to grow at a CAGR of 23.9% between 2014-2020, to reach a value over $350 million.

According to the Brain Aneurysm Foundation, an estimated 6 million people in the United States have an unruptured brain aneurysm, or 1 in 50 people. The annual rate of rupture is approximately 8 – 10 per 100,000 people, or about 30,000 people in the United States annually. Embolic coiling is the established gold-standard treatment for aneurysms,

and the most established product line in the neurovascular market – it is a strong but relatively stagnant market, projected to grow at a CAGR of 1.7% between 2014-2020, to reach a value of over $800 million. New devices that improve treatment of complex aneurysms, such as embolization-enabling stents, bifurcations stents, flow-diversion stents, liquid embolics and intrasaccular devices, are expected to boost market growth.

The major companies in the field of neurovascular devices include Stryker Corporation, Medtronic Plc., Cerenovus (Johnson & Johnson), Terumo Corporation and Penumbra, Inc. Neurovascular access devices are the means for delivering neurovascular treatment tools and devices from an opening in the femoral or radial arteries into the brain vasculature. Such access devices include sheaths, guidewires and microcatheters. Wires and catheters account for 18.6% of the overall neurovascular market.

Navigating and placing access devices through tortuous and highly delicate brain arteries is a complex procedure that requires high-level surgical skills with specialist training. In many procedures, surgeons exchange numerous access devices before reaching the target and applying the therapeutic agent or device, increasing the risk of adverse events and the exposure of both patient and physician to radiation. Adverse events, such as perforation of brain arteries or the release of embolies from a thrombus or atherosclerotic lesion can have devastating or even fatal results.

Microbot believes that with its portfolio of technologies specifically CardioSert™ and TipCAT, it is well-positioned to explore and develop such technologies as neurovascular access devices, with a focus on improving the ease and access and enhancing the safety of endovascular neurosurgery.

Our Product Pipeline

Self-Cleaning Shunt

The SCS device is designed to act as the ventricular catheter portion of a CSF shunt system that is used to relieve hydrocephalus and NPH. It is designed to work as an alternative to any ventricular catheter options currently on the market and to connect to all existing shunt system valves currently on the market; therefore, the successful commercialization of the SCS is not dependent on any single shunt system. Initially, Microbot expects the SCS device to be an aftermarket purchase that would be deployed to modify existing products by the end user. Microbot believes that the use of its SCS device will be able to reduce, and potentially eliminate, shunt occlusions, and by doing so, Microbot believes its SCS has the potential to become the gold standard ventricular shunt in the treatment of hydrocephalus and NPH.

The SCS device embeds an internal robotic cleaning mechanism in the lumen, or inside space, of the ventricular catheter which prevents cell accumulation and tissue ingrowth into the catheter. The SCS device consists of a silicone tube with a perforated titanium tip, which connects to a standard shunt valve at its distal end. The internal cleaning mechanism is embedded in the lumen of the titanium tip. Once activated, the cleaning mechanism keeps tissue from entering the catheter perforations while maintaining the CSF flow in the ventricular catheter.

The internal cleaning mechanism of the SCS device is activated by means of an induced magnetic field, which is currently designed to be externally generated by the patient through a user-friendly headset that transmits the magnetic field at a pre-determined frequency and operating sequence protocol. The magnetic field that is created by the headset is then captured by a flexible coil and circuit board that is placed just under the patient's scalp in the location where the valve is located. The circuit board assembly converts the magnetic field into the power necessary to activate the cleaning mechanism within the proximal part of the ventricular catheter.

Microbot has completed the development of an SCS prototype and is currently completing the safety testing, general proof of concept testing and performance testing for the device, which Microbot began in mid-2013. In May 2018, Microbot announced the results of two pre-clinical studies assessing the SCS, an *in-vitro* study and a small animal study. The in-vitro study, which was performed at Wayne State University by Dr. Carolyn Harris, supports the SCS's

potential as a viable technology for preventing occlusion in shunts used to treat hydrocephalus. The animal study designed to assess the safety profile of the SCS, which was performed by James Patterson McAllister, PhD, a Professor of Neurosurgery at Washington University School of Medicine in St. Louis, met the primary goal to determine the safety of the SCS device that aims to prevent obstruction in CSF catheters. Since the completion of these initial studies, Microbot has commenced a follow-up study to further evaluate the safety and to investigate the efficacy of the SCS. The follow-up study is also being conducted by leading hydrocephalus experts at Washington University and Wayne State University. The study will include a larger sample size compared to the initial studies and the primary and secondary endpoints will seek to validate the safety and efficacy of the SCS that will be activated in both *in-vitro* (lab) and *in-vivo* (animal) models. Microbot plans to use the findings for initial regulatory submissions in the United States, Europe and other jurisdictions, although upon the completion of animal studies, Microbot may conduct clinical trials if they are requested by the FDA or if Microbot decides that the data from such trials would improve the marketability of the product candidate. Microbot believes that the animal study results of its first generation SCS device should be available during the second half of 2019 and we expect to submit that data to the FDA either in a regulatory submission or as part of a pre-submission meeting request, depending on the final results of this ongoing studies. The proposed indication for use of the SCS device would be for the treatment of hydrocephalus as a component of a shunt system when draining or shunting of CSF is indicated. It continues to be possible that the FDA could require us to conduct a human clinical study to support the safety and efficacy of the SCS and that such clinical data would need to be submitted as part of a 510(k) notification to authorize marketing of the medical device in the U.S.

Microbot may also conduct clinical trials for the SCS in other countries where such trials are necessary for Microbot to sell its SCS device in such country’s market, although it has no current plans to do so.

TipCAT

A TipCAT prototype was shown to self-propel and self-navigate in curved plastic pipes and curved ex-vivo colon. In addition, in its first feasibility study, the prototype device was tested in a live animal experiment and successfully self-propelled through segments of the animal’s colon, with no post-procedural damage. All tests were conducted at AMIT (Alfred Mann Institute of Technology at the Technion), prior to the licensing of TipCAT by Microbot.

Microbot is no longer pursuing the development of the TipCAT as a colonoscopy tool but is currently exploring the use of the TipCAT for minimally invasive endovascular neurosurgical applications.

Risks Associated with Our Business and this Offering

Our business and our ability to implement our business strategy are subject to numerous risks, as more fully described in the section of this prospectus entitled “Risk Factors” and under similarly titled headings of the documents incorporated herein by reference. You should read these risks before you invest in our securities. We may be unable, for many reasons, including those that are beyond our control, to implement our business strategy. In particular, risks associated with our business include:

- We will need to raise significant additional capital to support our operations.
- We have incurred significant losses since our inception and anticipate that we will continue to incur significant losses for the foreseeable future, and our future profitability is uncertain.
- Our product candidates must undergo rigorous clinical testing, such clinical testing may fail to demonstrate safety and efficacy and any of our product candidates could cause undesirable side effects, which would substantially delay or prevent regulatory approval or commercialization.
- We are dependent on patents and proprietary technology. If we fail to adequately protect this intellectual property or if we otherwise do not have exclusivity for the marketing of our products, our ability to commercialize products could suffer.
- If our competitors are able to develop and market products that are more effective, safer or more affordable than ours, or obtain marketing approval before we do, our commercial opportunities may be limited.
- If you purchase our securities in this offering, you will incur immediate and substantial dilution.
- We will have broad discretion in the use of the net proceeds from this offering and may not use them effectively.

Corporate and Other Information

We were incorporated on August 2, 1988 in the State of Delaware under the name Cellular Transplants, Inc. The original Certificate of Incorporation was restated on February 14, 1992 to change our name to CytoTherapeutics, Inc. On May 24, 2000, the Certificate of Incorporation as restated was further amended to change our name to StemCells, Inc. On November 28, 2016, C&RD Israel Ltd., a wholly-owned subsidiary of ours, completed its merger with and into Microbot Medical Ltd., or Microbot Israel, an Israeli corporation that then owned our assets and operated our current business, with Microbot Israel surviving as a wholly-owned subsidiary of ours. We refer to this transaction as the Merger. On November 28, 2016, in connection with the Merger, we changed our name from “StemCells, Inc.” to Microbot Medical Inc., and each outstanding share of Microbot Israel capital stock was converted into the right to receive shares of our common stock. In addition, all outstanding options to purchase the ordinary shares of Microbot

Israel were assumed by us and converted into options to purchase shares of the common stock of Microbot Medical Inc. On November 29, 2016, our common stock began trading on the Nasdaq Capital Market under the symbol "MBOT". Prior to the Merger, we were a biopharmaceutical company that operated in one segment, the research, development, and commercialization of stem cell therapeutics and related technologies. Substantially all of the material assets relating to the stem cell business were sold on November 29, 2016.

In May 2016, we effected a 1-for-12 reverse split of our common stock, and in November 2016, we effected a 1-for-9 reverse split of our common stock in connection with the Merger. In September 2018, we effected a 1-for-15 reverse split of our common stock. The share and per share information described in this prospectus that occurred prior to these reverse splits have been adjusted to give retrospective effect to the reverse splits.

Our principal executive offices are located at 25 Recreation Park Drive, Unit 108, Hingham, MA 02043. The telephone number at our principal executive office is (781) 875-3605. Our website address is *www.microbotmedical.com*. Our website and the information contained on, or that can be accessed through, our website will not be deemed to be incorporated by reference in, and are not considered part of, this prospectus. You should not rely on our website or any such information in making your decision whether to purchase our securities in this offering.

This prospectus contains references to our trademarks and to trademarks and trade names belonging to other entities. Solely for convenience, trademarks and trade names referred to in this prospectus, including logos, artwork and other visual displays, may appear without the ® or ™ symbols, but such references are not intended to indicate, in any way, that their respective owners will not assert, to the fullest extent under applicable law, their rights thereto. We do not intend our use or display of other companies' trade names or trademarks to imply a relationship with, or endorsement or sponsorship of us by, any other companies.

Implications of Being a Smaller Reporting Company

We are a "smaller reporting company" as defined in the Exchange Act and have elected to take advantage of certain of the scaled disclosures available to smaller reporting companies, including certain of the reduced disclosure obligations in the registration statement of which this prospectus is a part. As a result, the information that we provide to our stockholders may be different than you might receive from other public reporting companies in which you hold equity interests.

The Offering

Common stock offered by us in this offering	_____ shares.
Pre-funded warrants offered by us in this offering	We are also offering to certain purchasers whose purchase of shares of common stock in this offering would otherwise result in the purchaser, together with its affiliates and certain related parties, beneficially owning more than 4.99% (or, at the election of the purchaser, 9.99%) of our outstanding common stock immediately following the consummation of this offering, the opportunity to purchase, if such purchasers so choose, pre-funded warrants, in lieu of shares of common stock that would otherwise result in any such purchaser's beneficial ownership exceeding 4.99% (or, at the election of the purchaser, 9.99%) of our outstanding common stock. Each pre-funded warrant will be exercisable for one share of our common stock. The purchase price of each pre-funded warrant will equal the price per share at which the shares of common stock are being sold to the public in this offering, minus $0.01, and the exercise price of each pre-funded warrant will be $0.01 per share. The pre-funded warrants will be exercisable immediately and may be exercised at any time until all of the pre-funded warrants are exercised in full. This offering also relates to the shares of common stock issuable upon exercise of any pre-funded warrants sold in this offering. For each pre-funded warrant we sell, the number of shares of common stock we are offering will be decreased on a one-for-one basis.
Option to purchase additional shares	The underwriter has an option to purchase up to an additional _____ shares of our common stock at the public offering price, less underwriting discounts and commissions, to cover over-allotments, if any. The underwriter may exercise this option for a period of 30 days from the date of this prospectus.
Common stock to be outstanding after this offering	_____ shares of common stock, assuming no sale of any pre-funded warrants (or _____ shares of common stock if the underwriter exercises in full its option to purchase additional shares of common stock, assuming no sale of pre-funded warrants).
Use of proceeds	We intend to use the net proceeds from this offering for attaining regulatory approvals for and commercializing our SCS device in the treatment of hydrocephalus and NPH; expanding and developing the applications of our existing ViRob and SCS IP and prototypes into other areas of CSF management, such as EVD, through regulatory submission; developing the CardioSert™ technology for neurovascular disorders from proof of concept to pre-clinical studies; and for working capital and other general corporate purposes. See "Use of Proceeds."
Risk factors	You should read the "Risk Factors" section of this prospectus for a discussion of certain of the factors to consider carefully before deciding to purchase any shares of our common stock or pre-funded warrants in this offering.

National Securities Exchange Listing	Our common stock is listed on The Nasdaq Capital Market under the symbol “MBOT.” We do not intend to list the pre-funded warrants on any securities exchange or nationally recognized trading system.

The number of shares of our common stock to be outstanding after this offering is based on 2,945,676 shares of common stock outstanding as of June 30 2018, adjusted for the Company’s 1-for-15 reverse stock split on September 4, 2018, and excludes, as of September 30, 2018:

- 412,478 shares of our common stock issuable upon the exercise of outstanding stock options, with exercise prices ranging from $0 to $19.35 and having a weighted-average exercise price of $11.70 per share;
- 211,239 shares of our common stock reserved for future grant under our 2017 Equity Incentive Plan;
- Approximately 7,531 shares of our common stock issuable upon the exercise of outstanding warrants, with exercise prices ranging from approximately $40.00 to $2,885 per share and having a weighted-average exercise price of $1,697 per share; and
- An aggregate of 67,000 shares of our common stock issuable upon the conversion of 1,001 shares of our Series A Convertible Preferred Stock.

Unless otherwise indicated, all information contained in this prospectus assumes no exercise by the underwriter of its over-allotment option, no sale of any pre-funded warrants in this offering and no exercise by the underwriter of its warrants to purchase _____ shares of our common stock at an exercise price per share which is equal to 125% of the public offering price per share of the shares of common stock offered in this offering.

RISK FACTORS

Investing in our securities involves a high degree of risk. You should consider carefully the risks described below, together with all of the other information included or incorporated by reference in this prospectus, including the risks and uncertainties discussed under "Risk Factors" in our Annual Report on Form 10-K for the fiscal year ended December 31, 2017, before deciding whether to purchase our securities in this offering. All of these risk factors are incorporated herein in their entirety. The risks described below and incorporated by reference are material risks currently known, expected or reasonably foreseeable by us. However, the risks described below or that we incorporate by reference are not the only ones that we face. Additional risks not presently known to us or that we currently deem immaterial may also affect our business, operating results, prospects or financial condition. If any of these risks actually materialize, our business, prospects, financial condition, and results of operations could be seriously harmed. This could cause the trading price of our common stock and the value of the warrants to decline, resulting in a loss of all or part of your investment.

Risks Relating to the Development and Commercialization of Microbot's Product Candidates

Microbot's business depends heavily on the success of its lead product candidate, the SCS. If Microbot is unable to commercialize the SCS or experiences significant delays in doing so, Microbot's business will be materially harmed.

On January 27, 2017, Microbot entered into a research agreement with Washington University in St. Louis to develop the protocol for and to execute the necessary animal study to determine the effectiveness of the Microbot's SCS prototype. The initial research was completed in 2017 with a comprehensive study expected to be completed in 2019. Upon the completion of animal studies, Microbot may conduct clinical trials if they are requested by the FDA or if Microbot decides that the data from such trials would improve the marketability of the product candidate. After all necessary clinical and performance data supporting the safety and effectiveness of SCS are collected, Microbot must still obtain FDA clearance or approval to market the device and those regulatory processes can take several months to several years to be completed. Therefore, Microbot's ability to generate product revenues will not occur for at least the next few years, if at all, and will depend heavily on the successful commercialization of SCS in the treatment of hydrocephalus. The success of commercializing SCS will depend on a number of factors, including the following:

- our ability to obtain additional capital;
- successful completion of animal studies and, if necessary, human clinical trials and the collection of sufficient data to demonstrate that the device is safe and effective for its intended use;
- receipt of marketing approvals or clearances from the FDA and other applicable regulatory authorities;
- establishing commercial manufacturing arrangements with one or more third parties;

obtaining and maintaining patent and trade secret protections;

protecting Microbot's rights in its intellectual property portfolio;

establishing sales, marketing and distribution capabilities;

generating commercial sales of SCS, if and when approved, whether alone or in collaboration with other entities;

acceptance of SCS, if and when commercially launched, by the medical community, patients and third-party payors;

effectively competing with existing shunt and endoscope products on the market and any new competing products that may enter the market; and

maintaining quality and an acceptable safety profile of SCS following clearance or approval.

If Microbot does not achieve one or more of these factors in a timely manner or at all, it could experience significant delays or an inability to successfully commercialize SCS, which would materially harm its business.

Microbot's ability to expand our technology platforms for other uses, including endovascular neurosurgery other than for the treatment of hydrocephalus, may be limited.

After spending time working with experts in the field, Microbot has recently decided to no longer pursue the use of TipCAT in colonoscopy and has instead committed to focus on expanding all of its technology platforms for use in segments of the endovascular neurosurgery market, including traumatic brain injury, to capitalize on its existing competencies in hydrocephalus and the market's needs. Microbot's ability to expand its technology platforms for use in the endovascular neurosurgery market will be limited by its ability to develop and/or refine the necessary technology, obtain the necessary regulatory approvals for their use on humans, and the marketing of its products and otherwise obtaining market acceptance of its product in the United States and in other countries.

Microbot operates in a competitive industry and if its competitors have products that are marketed more effectively or develop products, treatments or procedures that are similar, more advanced, safer or more effective, its commercial opportunities will be reduced or eliminated, which would materially harm its business.

Our competitors that have developed or are developing endoluminal robotics surgical systems include Corindus Vascular Robotics, Inc., Hansen Medical, Inc. Auris Health, Inc., Stereotaxis, Inc., Medrobotics Corporation and others. Our competitors may develop products, treatments or procedures that directly compete with our products and potential products and which are similar, more advanced, safer or more effective than ours. The medical device industry is very competitive and subject to significant technological and practice changes. Microbot expects to face competition from many different sources with respect to the SCS and products that it is seeking to develop or commercialize with respect to its other product candidates in the future.

Competing against large established competitors with significant resources may make establishing a market for any products that it develops difficult which would have a material adverse effect on Microbot's business. Microbot's commercial opportunities could also be reduced or eliminated if its competitors develop and commercialize products, treatments or procedures quicker, that are safer, more effective, are more convenient or are less expensive than the SCS or any product that Microbot may develop. Many of Microbot's potential competitors have significantly greater financial resources and expertise in research and development, manufacturing, preclinical testing, conducting clinical trials, obtaining regulatory approvals and marketing approved products than Microbot may have. Mergers and acquisitions in the medical device industry market may result in even more resources being concentrated among a smaller number of Microbot's potential competitors.

At this time, Microbot does not know whether the FDA will require it to submit clinical data in support of its future marketing applications for its SCS product candidate, particularly in light of recent initiatives by the FDA to enhance and modernize its approach to medical device safety and innovation, which creates uncertainty for Microbot as well as the possibility of increased product development costs and time to market.

Microbot anticipates that its lead product candidate, the SCS, will be classified by the FDA as Class II and thus be eligible for marketing pursuant to a cleared 510(k) notification. However, there is no guarantee that the FDA will agree with the Company's determination or that the FDA would accept the predicate device that Microbot intends to submit in its 510(k) notification in order to establish that its new device product is substantially equivalent to one or more predicate devices. The FDA also may request additional data in response to a 510(k) notification, or require Microbot to conduct further testing or compile more data in support of its 510(k) submission. Such additional data could include clinical data that must be derived from human clinical studies that are designed appropriately to address the potential questions from the FDA regarding a proposed product's safety or effectiveness. It is unclear at this time whether and how various activities recently initiated or announced by the FDA to modernize the U.S. medical device regulatory system could affect the marketing pathway or timeline for our product candidate, given the timing and the undeveloped nature of some of the FDA's new medical device safety and innovation initiatives. One of the recent initiatives was announced in April 2018, when the FDA Commissioner issued a statement with the release of a Medical Device Safety Action Plan. Among other key areas of the Medical Device Safety Action Plan, the

Commissioner stated that the FDA is "exploring what further actions we can take to spur innovation towards technologies that can make devices and their use safer. For instance, our Breakthrough Device Program that helps address unmet medical needs can be used to facilitate patient access to innovative new devices that have important improvements to patient safety. We're considering developing a similar program to support the development of safer devices that do not otherwise meet the Breakthrough Program criteria, but are clearly intended to be safer than currently available technologies." This type of program may negatively affect our existing development plan for the SCS product candidate or it may benefit Microbot, but at this time those potential impacts from recent FDA medical device initiatives are unknown and uncertain. Similarly, the FDA Commissioner announced various agency goals under a Medical Innovation Access Plan in 2017.

If the FDA does require clinical data to be submitted as part of the SCS marketing submission, any type of clinical study performed in humans will require the investment of substantial expense, professional resources and time. In order to conduct a clinical investigation involving human subjects for the purpose of demonstrating the safety and effectiveness of a medical device, a company must, among other things, apply for and obtain Institutional Review Board, or IRB, approval of the proposed investigation. In addition, if the clinical study involves a "significant risk" (as defined by the FDA) to human health, the sponsor of the investigation must also submit and obtain FDA approval of an Investigational Device Exemption, or IDE, application. Microbot may not be able to obtain FDA and/or IRB approval to undertake clinical trials in the United States for any new devices Microbot intends to market in the United States in the future. Moreover, the timing of the commencement, continuation and completion of any future clinical trial may be subject to significant delays attributable to various causes, including scheduling conflicts with participating clinicians and clinical institutions, difficulties in identifying and enrolling patients who meet trial eligibility criteria, failure of patients to complete the clinical trial, delay in or failure to obtain IRB approval to conduct a clinical trial at a prospective site, and shortages of supply in the investigational device.

Thus, the addition of one or more mandatory clinical trials to the development timeline for the SCS would significantly increase the costs associated with developing and commercializing the product and delay the timing of U.S. regulatory authorization. The current uncertainty regarding near-term medical device regulatory changes by the FDA could further affect our development plans for the SCS, depending on their nature, scope and applicability. Microbot and its business, financial condition and operating results could be materially and adversely affected as a result of any such costs, delays or uncertainty.

Risks Related to this Offering

You will experience immediate and substantial dilution if you purchase securities in this offering.

As of June 30, 2018, our net tangible book value was approximately $8.6 million, or $2.72 per share. Since the price per share of our common stock being offered in this offering is substantially higher than the net tangible book value per share of our common stock, you will suffer substantial dilution with respect to the net tangible book value of the common stock you purchase in this offering. Based on the assumed public offering price of $____ per share of common stock being sold in this offering (the last reported sale price of our common stock on The Nasdaq Capital Market on _____, 2018), and our net tangible book value per share as of June 30, 2018, if you purchase shares of common stock in this offering, you will suffer immediate and substantial dilution of $_____ per share with respect to the net tangible book value of the common stock. See the section entitled “Dilution” for a more detailed discussion of the dilution you will incur if you purchase common stock in this offering. The discussion above assumes (i) no sale of pre-funded warrants, which, if sold, would reduce the number of shares of common stock that we are offering on a one-for-one basis until such warrants are exercised and (ii) no exercise by the underwriter of the Underwriter’s Warrants.

There is no public market for the pre-funded warrants being offered in this offering.

There is no established public trading market for the pre-funded warrants being offered in this offering, and we do not expect a market to develop. In addition, we do not intend to apply to list the pre-funded warrants on any securities exchange or nationally recognized trading system, including The Nasdaq Capital Market. Without an active market, the liquidity of the pre-funded warrants will be limited.

We will have broad discretion in the use of the net proceeds from this offering and may not use them effectively.

Our management will have broad discretion in the application of the net proceeds from this offering, including for any of the purposes described in the section entitled "Use of Proceeds," and you will not have the opportunity as part of your investment decision to assess whether the net proceeds are being used appropriately. Because of the number and variability of factors that will determine our use of the net proceeds from this offering, their ultimate use may vary substantially from their currently intended use. Our management may not apply the net proceeds from this offering in ways that ultimately increase the value of your investment. The failure by our management to apply these funds effectively could harm our business. Pending their use, we may invest the net proceeds from this offering in short-term, investment-grade, interest-bearing securities or as otherwise provided in our investment policies in effect from time to time. These investments may not yield a favorable return to our stockholders. If we do not invest or apply the net proceeds from this offering in ways that enhance stockholder value, we may fail to achieve expected financial results, which could cause our stock price to decline.

We are subject to a lawsuit that could adversely affect our business and our use of proceeds from this offering.

We are named as the defendant in a lawsuit, which we refer to as the Matter, captioned Sabby Healthcare Master Fund Ltd. and Sabby Volatility Warrant Master Fund Ltd., Plaintiffs, against Microbot Medical Inc., Defendant, pending in the Supreme Court of the State of New York, County of New York (the "Court") (Index No. 654581/2017). The complaint alleges, among other things, that we breached multiple representations and warranties contained in the Securities Purchase Agreement (the "SPA") related to our June 8, 2017 equity financing, or the Financing, of which the Plaintiffs participated. The complaint seeks rescission of the SPA and return of the Plaintiffs' $3,375,000 purchase price with respect to the Financing, and damages in an amount to be determined at trial, but alleged to exceed $1 million. On August 3, 2018, both Plaintiffs and Defendant filed motions for summary judgment. On September 27, 2018, the Court heard oral argument on the parties' respective summary judgment motions. After oral argument, the Court denied Plaintiffs' motion in its entirety from the bench. On September 28, 2018, the Court issued a decision granting our motion for summary judgment regarding Plaintiffs' claim for monetary damages and denying our motion for summary judgment on Plaintiffs' claim for rescission, finding that there were material questions of fact that would need to be resolved at trial. A trial date has not been set.

On April 4, 2018, we entered into a Tolling and Standstill Agreement with Empery Asset Master, Ltd., Empery Tax Efficient LP, Empery Tax Efficient II LP, and Hudson Bay Master Fund, Ltd., the other investors in the Financing, of whom we refer to as the Other Investors. Pursuant to the Tolling Agreement, among other things, (a) the Other Investors agree not to bring any claims against us arising out of the Matter, (b) the parties agree that if we reach an agreement to settle the claims asserted by the Sabby Funds in the above suit, we will provide the same settlement terms on a pro rata basis to the Other Investors, and the Other Investors will either accept same or waive all of their claims and (c) the parties froze in time the rights and privileges of each party as of the effective date of the Tolling Agreement, until (i) an agreement to settle the suit is executed; (ii) a judgment in the suit is obtained; or (iii) the suit is otherwise dismissed with prejudice.

We believe that the claims are without merit and have been and intend to continue to defend the action vigorously. However, due to the early stage in the ligation process, management is unable to assess the likelihood of the claim and the amount of potential damages, if any, to be awarded. Accordingly, no assurance can be given that any adverse outcome would not be material to our consolidated financial position. Additionally, in the event the court holds for the Plaintiffs in the Matter and we lose our appeals, we will likely be required to use the proceeds from this offering or available cash towards payment of damages to the Plaintiffs and the Other Investors, that we otherwise would have used to build our business and develop our technologies into commercial products. In such event, we would be required to raise additional capital sooner than we otherwise would, of which we can give no assurance of success.

There may be future sales of our securities or other dilution of our equity, which may adversely affect the market price of our common stock.

We are generally not restricted from issuing additional common stock, including any securities that are convertible into or exchangeable for, or that represent the right to receive, common stock. The market price of our common stock could decline as a result of sales of common stock or securities that are convertible into or exchangeable for, or that represent the right to receive, common stock after this offering or the perception that such sales could occur.

Holders of pre-funded warrants purchased in this offering will have no rights as common stockholders until such holders exercise their pre-funded warrants and acquire our common stock.

Until holders of pre-funded warrants acquire shares of our common stock upon exercise of the pre-funded warrants, holders of pre-funded warrants will have no rights with respect to the shares of our common stock underlying such pre-funded warrants. Upon exercise of the pre-funded warrants, the holders will be entitled to exercise the rights of a common stockholder only as to matters for which the record date occurs after the exercise date.

Even if this offering is successful, we will need to raise additional capital in the future to continue operations, which may not be available on acceptable terms, or at all. Failure to obtain this necessary capital when needed may force us to delay, limit or terminate our product development efforts or other operations.

We have had significant recurring losses from operations and we do not generate any cash from operations and must raise additional funds in order to continue operating our business. We expect to continue to fund our operations in the future primarily through equity and debt financings, grants from the Israel Innovation Authority and other sources. If additional capital is not available to us when needed or on acceptable terms, we may not be able to continue to operate our business pursuant to our business plan or we may have to discontinue our operations entirely. As of June 30, 2018, we had cash and cash equivalents of approximately $8.0 million. We estimate that we will receive net proceeds of approximately $_____ million from the sale of the securities offered by us in this offering, based on the assumed

public offering price of $_____ per share (the last reported sale price of our common stock on The Nasdaq Capital Market on _____, 2018) and after deducting the estimated underwriting discounts and commissions and estimated offering expenses payable by us, and excluding the proceeds, if any, from the exercise of the pre-funded warrants issued pursuant to this offering. In the event of a decrease in the net proceeds to us from this offering as a result of a decrease in the assumed public offering price or the number of shares offered by us, if the Plaintiffs succeed in the Matter or if our use of proceeds changes from our plans as described under “Use of Proceeds”, we may need to raise additional capital sooner than we anticipate. In addition, we cannot provide assurances that our plans will not change or that changed circumstances will not result in the depletion of our capital resources more rapidly than we currently anticipate.

Any additional fundraising efforts may divert our management from their day-to-day activities, which may adversely affect our ability to develop and commercialize our product candidates. Our ability to raise additional funds will depend, in part, on the success of our product development activities, any clinical trials, regulatory events, our ability to identify and enter into in-licensing or other strategic arrangements, and other events or conditions that may affect our value or prospects, as well as factors related to financial, economic and market conditions, many of which are beyond our control. There can be no assurances that sufficient funds will be available to us when required or on acceptable terms, if at all.

If we are unable to secure additional funds when needed or on acceptable terms, we may be required to defer, reduce or eliminate significant planned expenditures, restructure, curtail or eliminate some or all of our development programs or other operations, dispose of technology or assets, pursue an acquisition of our company by a third party at a price that may result in a loss on investment for our stockholders, enter into arrangements that may require us to relinquish rights to certain of our product candidates, technologies or potential markets, file for bankruptcy or cease operations altogether. Any of these events could have a material adverse effect on our business, financial condition and results of operations. Moreover, if we are unable to obtain additional funds on a timely basis, there will be substantial doubt about our ability to continue as a going concern and increased risk of insolvency and up to a total loss of investment by our stockholders.

SPECIAL NOTE REGARDING FORWARD-LOOKING STATEMENTS

This prospectus and the documents incorporated by reference herein contain forward-looking statements. The forward-looking statements are contained principally in the sections entitled “Prospectus Summary,” “Risk Factors,” “Management’s Discussion and Analysis of Financial Condition and Results of Operations” and “Business” in this prospectus or the documents incorporated herein by reference. These statements relate to future events or to our future financial performance and involve known and unknown risks, uncertainties and other factors which may cause our actual results, performance or achievements to be materially different from any future results, performance or achievements expressed or implied by the forward-looking statements. Forward-looking statements include, but are not limited to, statements about:

- our estimates regarding anticipated operating losses, capital requirements and needs for additional funds;
- our ability to raise additional capital when needed and to continue as a going concern;
- our ability to manufacture, or otherwise secure the manufacture of, sufficient amounts of our product candidates for our preclinical studies and clinical trials;
- our ability to find and develop applications for our technologies for other neurosurgical conditions besides hydrocephalus;
- our clinical development and other research and development plans and expectations;
- the safety and efficacy of our product candidates;
- the anticipated regulatory pathways for our product candidates;
- our ability to successfully complete preclinical and clinical development of, and obtain regulatory approval of our product candidates and commercialize any approved products on our expected timeframes or at all;
- the content and timing of submissions to and decisions made by the U.S. Food and Drug Administration and other regulatory agencies;
- our ability to leverage the experience of our management team;
- our ability to attract and keep management and other key personnel;
- the capacities and performance of our suppliers, manufacturers and other third parties over whom we have limited control;
- the actions of our competitors and success of competing products that are or may become available;
- our expectations with respect to future growth and investments in our infrastructure, and our ability to effectively manage any such growth;

- the size and potential growth of the markets for any of our product candidates, and our ability to capture share in or impact the size of those markets;
- the benefits of our product candidates;
- market and industry trends;
- the outcome of any litigation in which we or any of our officers or directors may be involved, including with respect to the Matter;
- the effects of government regulation and regulatory developments, and our ability and the ability of the third parties with whom we engage to comply with applicable regulatory requirements;
- the accuracy of our estimates regarding future expenses, revenues, capital requirements and need for additional financing;
- our expectations regarding future planned expenditures;
- our ability to achieve and maintain effective internal control over financial reporting in accordance with Section 404 of the Sarbanes-Oxley Act;
- our ability to obtain, maintain and successfully enforce adequate patent and other intellectual property protection of any of our products and product candidates;
- our expected use of the net proceeds from this offering; and
- our ability to operate our business without infringing the intellectual property rights of others.

In some cases, you can identify these statements by terms such as “anticipate,” “believe,” “could,” “estimate,” “expect,” “inten “may,” “plan,” “potential,” “predict,” “project,” “should,” “will,” “would” or the negative of those terms, and similar expressio convey uncertainty of future events or outcomes. These forward-looking statements reflect our management’s beliefs and views with respect to future events and are based on estimates and assumptions as of the date of this prospectus and are subject to risks and uncertainties. We discuss many of these risks in greater detail in the documents incorporated by reference herein, usually under the heading “Risk Factors.” Moreover, we operate in a very competitive and rapidly changing environment. New risks emerge from time to time. It is not possible for our management to predict all risks, nor can we assess the impact of all factors on our business or the extent to which any factor, or combination of factors, may cause actual results to differ materially from those contained in any forward-looking statements we may make. In addition, statements that “we believe” and similar statements reflect our beliefs and opinions on the relevant subject. These statements are based upon information available to us as of the date of this prospectus, and while we believe such information forms a reasonable basis for such statements, such information may be limited or incomplete, and our statements should not be read to indicate that we have conducted an exhaustive inquiry into, or review of, all potentially available relevant information. These statements are inherently uncertain. Given these uncertainties, you should not place undue reliance on these forward-looking statements.

You should carefully read this prospectus, the documents that we incorporate by reference into this prospectus and the documents we reference in this prospectus and have filed as exhibits to the registration statement, of which this prospectus is a part, completely and with the understanding that our actual future results may be materially different

from what we expect. We qualify all of the forward-looking statements in this prospectus by these cautionary statements.

Except as required by law, we assume no obligation to update these forward-looking statements publicly, or to update the reasons actual results could differ materially from those anticipated in any forward-looking statements, whether as a result of new information, future events or otherwise.

USE OF PROCEEDS

We estimate that we will receive net proceeds of approximately $_____ million (or approximately $_____ million if the underwriter's over-allotment option is exercised in full) from the sale of the securities offered by us in this offering, based on the assumed public offering price of $_____ per share (the last reported sale price of our common stock on The Nasdaq Capital Market on _____, 2018), and after deducting the estimated underwriting discounts and commissions and estimated offering expenses payable by us, and excluding the proceeds, if any, from the exercise of any pre-funded warrants issued pursuant to this offering.

A $_____ increase (decrease) in the assumed public offering price of $_____ per share would increase (decrease) the expected net proceeds to us from this offering by approximately $_____ million, assuming that the number of shares offered by us, as set forth on the cover page of this prospectus, remains the same and after deducting the estimated underwriting discounts and commissions and estimated offering expenses payable by us and excluding the proceeds, if any, from the exercise of the pre-funded warrants issued pursuant to this offering.

Similarly, a one million share increase (decrease) in the number of shares offered by us, as set forth on the cover page of this prospectus, would increase (decrease) the net proceeds to us by approximately $_____ million, assuming the assumed public offering price of $_____ per share remains the same, and after deducting estimated underwriting discounts and commissions and estimated offering expenses payable by us and excluding the proceeds, if any, from the exercise of the pre-funded warrants issued pursuant to this offering.

We currently intend to use the net proceeds from this offering for attaining regulatory approvals for and commercializing our SCS device in the treatment of hydrocephalus and NPH; expanding and developing the applications of our existing ViRob and SCS IP and prototypes into other areas of CSF management, such as EVD, through regulatory submission; developing the CardioSert™ technology for neurovascular disorders from proof of concept to pre-clinical studies; and for working capital and other general corporate purposes. See "Risk Factors" for a discussion of certain risks that may affect our intended use of the net proceeds from this offering, including with respect to the Matter. We may also use a portion of the net proceeds from this offering to in-license, acquire, or invest in complementary businesses, technologies, products or assets. However, we have no current commitments or obligations to do so.

We currently anticipate that our existing resources, together with the expected net proceeds from this offering, will be sufficient to fund our planned operations until December 2021.

Our expected use of net proceeds from this offering represents our current intentions based upon our present plans and business condition. As of the date of this prospectus, we cannot currently allocate specific percentages of the net

proceeds that we may use for the purposes specified above, and we cannot predict with certainty all of the particular uses for the net proceeds to be received upon the completion of this offering, or the amounts that we will actually spend on the uses set forth above. The amounts and timing of our actual use of the net proceeds will vary depending on numerous factors, including our ability to obtain additional financing, the progress, cost and results of our preclinical and clinical development programs and whether we are able to enter into future licensing or collaboration arrangements. We may find it necessary or advisable to use the net proceeds for other purposes, and our management will have broad discretion in the application of the net proceeds, and investors will be relying on our judgment regarding the application of the net proceeds from this offering.

Pending the use of the net proceeds from this offering, we intend to invest the net proceeds in investment-grade, interest-bearing instruments.

PRICE RANGE OF OUR COMMON STOCK

Our common stock is listed on The Nasdaq Capital Market under the symbol “MBOT.” On November 7, 2018, the closing price for our common stock as reported on The Nasdaq Capital Market was $4.64 per share. The following table sets forth the ranges of high and low sales prices per share of our common stock as reported on The Nasdaq Capital Market for the period indicated. Such quotations represent inter-dealer prices without retail markup, markdown or commission and may not necessarily represent actual transactions.

	High(1)	Low(1)
Year Ended December 31, 2017		
First Quarter	$149.10	$64.50
Second Quarter	$90.00	$19.80
Third Quarter	$23.25	$15.00
Fourth Quarter	$22.80	$15.15
Year Ending December 31, 2018		
First Quarter	$17.25	$9.97
Second Quarter	$15.30	$8.70
Third Quarter	$11.55	$5.47
Fourth Quarter (through November 7, 2018)	$8.30	$4.33

(1) Adjusted for our one-for-fifteen reverse stock split on September 4, 2018.

As of November 7, 2018, there were approximately 184 holders of record of our common stock, which excludes stockholders whose shares were held in nominee or street name by brokers. The actual number of common stockholders is greater than the number of record holders, and includes stockholders who are beneficial owners, but whose shares are held in street name by brokers and other nominees. This number of holders of record also does not include stockholders whose shares may be held in trust by other entities.

DIVIDEND POLICY

We have never paid cash dividends on our common stock and we do not anticipate paying cash dividends on common stock in the foreseeable future. The payment of dividends on our common stock will depend on earnings, financial condition, debt covenants in place, and other business and economic factors affecting us at such time as our Board of Directors may consider relevant. If we do not pay dividends, our common stock may be less valuable because a return on a stockholders' investment will only occur if our stock price appreciates.

DILUTION

Our historical net tangible book value as of June 30, 2018 was approximately $8.6 million, or $2.72 per share of common stock. Our historical net tangible book value is the amount of our total tangible assets less our liabilities. Historical net tangible book value per common share is our historical net tangible book value divided by the number of shares of common stock outstanding as of June 30, 2018.

After giving effect to the sale of _____ shares of our common stock at the assumed public offering price of $_____ per share (the last reported sale price of our common stock on The Nasdaq Capital Market on _____, 2018), and after deducting the estimated underwriting discounts and commissions and estimated offering expenses payable by us, and excluding the proceeds, if any, from the exercise of any pre-funded warrants issued pursuant to this offering, our as adjusted net tangible book value as of June 30, 2018 would have been approximately $_____ million, or $_____ per share of common stock. This represents an immediate increase in as adjusted net tangible book value of $_____ per share to our existing stockholders, and an immediate dilution of $_____ per share to new investors purchasing securities in this offering at the assumed public offering price. All share and per share information are retroactively adjusted to reflect our 1-for-15 reverse stock split on September 4, 2018.

The following table illustrates this dilution on a per share basis:

Assumed public offering price per share		$
Historical net tangible book value per share as of June 30, 2018	$2.72	
Pro forma increase in net tangible book value per share attributable to investors in this offering		
As adjusted net tangible book value per share after this offering		
Dilution per share to investors participating in this offering		$

If the underwriter exercises in full its option to purchase up to _____ additional shares of common stock at the assumed public offering price of $_____ per share (the last reported sale price of our common stock on The Nasdaq Capital Market on _____, 2018), the as adjusted net tangible book value after this offering would be $_____ million, or $_____ per share, representing an increase in net tangible book value of $_____ per share to existing stockholders and immediate dilution in net tangible book value of $_____ per share to investors purchasing our securities in this offering at the assumed public offering price.

The foregoing discussion and table does not take into account further dilution to investors in this offering that could occur upon the exercise of outstanding options and warrants, including the pre-funded warrants offered pursuant to this offering and the Underwriter's Warrants, having a per share exercise price less than the public offering price per share in this offering.

The foregoing discussion and table are based on 2,945,676 shares of common stock outstanding as of June 30, 2018, adjusted for our 1-for-15 reverse stock split on September 4, 2018, and excludes, as of September 30, 2018:

- 412,478 shares of our common stock issuable upon the exercise of outstanding stock options, with exercise prices ranging from $0 to $19.35 and having a weighted-average exercise price of $11.70 per share;
- 211,239 shares of our common stock reserved for future grant under our 2017 Equity Incentive Plan;
- Approximately 7,531 shares of our common stock issuable upon the exercise of outstanding warrants, with exercise prices ranging from approximately $40.00 to $2,885 per share and having a weighted-average exercise price of $1,967 per share; and
- An aggregate of 67,000 shares of our common stock issuable upon the conversion of 1,001 shares of our Series A Convertible Preferred Stock.

To the extent that options, warrants or other convertible securities outstanding as of June 30, 2018 have been or may be exercised, converted or other shares issued, investors purchasing securities in this offering may experience further dilution. In addition, we may seek to raise additional capital in the future through the sale of equity or convertible debt securities. 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.

PRINCIPAL STOCKHOLDERS

The following table sets forth information regarding beneficial ownership of our capital stock, as of November 7, 2018, by:

- each of our directors;
- each of our named executive officers;
- all of our current directors and executive officers as a group; and
- all those known by us to be to a beneficial owner of more than 5% of the Company's common stock.

In general, "beneficial ownership" refers to shares that an individual or entity has the power to vote or dispose of, and any rights to acquire common stock that are currently exercisable or will become exercisable within 60 days of November 7, 2018. We calculated percentage ownership in accordance with the rules of the SEC. The percentage of common stock beneficially owned is based on 2,975,676 shares outstanding as of November 7, 2018. In addition, shares issuable pursuant to options or other convertible securities that may be acquired within 60 days of November 7, 2018 are deemed to be issued and outstanding and have been treated as outstanding in calculating and determining the beneficial ownership and percentage ownership of those persons possessing those securities, but not for any other persons.

This table is based on information supplied by each prospective director, officer and principal stockholder of the Company. Except as indicated in footnotes to this table, the Company believes that the stockholders named in this table have sole voting and investment power with respect to all shares of Common Stock shown to be beneficially owned by them, based on information provided by such stockholders. Unless otherwise indicated, the address for each director, executive officer and 5% or greater stockholder of the Company listed is: c/o Microbot Medical Inc., 25 Recreation Park Drive, Unit 108, Hingham, MA 02043.

Beneficial Owner	Number of Shares Beneficially Owned	Percentage of Common Stock Beneficially Owned Before Offering	After Offering(1)
Directors and Executive Officers			
Harel Gadot[2]	303,384	9.78 %	
Yoav Waizer[3]	1,016	*	
Yoseph Bornstein[4]	299,710	10.07 %	
Scott Burell[3]	1,016	*	

Martin Madden[3]	1,016	*
David Ben Naim[3]	2,000	*
Yehezkel (Hezi) Himelfarb[3]	29,004	*
Prattipati Laxminarain[3]	1,016	*
All current directors and executive officers as a group (8 persons)[5]	638,162	20.33 %
Five Percent Shareholders		
LSA - Life Science Accelerator Ltd.[4]	299,710	10.07 %
MEDX Ventures Group LLC[6]	254,711	8.34 %
Saber Holding GmbH[7]	287,134	9.65 %
Moshe Shoham[8]	159,636	5.27 %

* Less than 1%

(1) Assumes the sale of __ shares of our common stock and common stock underlying pre-funded warrants offered by us in this offering and does not include any shares of our common stock underlying the underwriter's option to cover over-allotments, or underlying the Underwriter's Warrants.

(2) Includes 77,864 shares of our common stock issuable upon the exercise of options granted to MEDX Ventures Group and 48,673 shares of our common stock issuable upon the exercise of options granted to Mr. Gadot. All of such shares and 77,864 options are held by MEDX Ventures Group LLC, which is beneficially owned by Mr. Gadot. See Note 6 below.

(3) Represents options to acquire shares of our common stock.

(4) Based on representations and other information made or provided to the Company by Mr. Bornstein, Mr. Bornstein is the CEO and Director of LSA and of Shizim, and Mr. Bornstein is the majority equity owner of Shizim. Shizim is the majority equity owner of LSA. Accordingly, Mr. Bornstein may be deemed to share voting and investment power over the shares beneficially owned by these entities and has an address of 16 Iris Street, Rosh-Ha'Ayin Israel 4858022. Includes 1,016 shares of our common stock issuable upon exercise of options.

(5) Includes shares of our common stock issuable upon the exercise of options as set forth in footnotes (1), (2) and (3).

(6) Includes 77,864 shares of our common stock issuable upon the exercise of options granted to MEDX Ventures Group. Mr. Gadot is the Chief Executive Officer, Company Group Chairman and majority equity owner of MEDX Venture Group and thus may be deemed to share voting and investment power over the shares beneficially owned by this entity. Does not include 48,673 shares of our common stock issuable upon the exercise of options granted to Mr. Gadot directly. See Note 1 above.

(7) Pursuant to a Schedule 13D/A-2 filed on June 20, 2017, Mrs. Sandra Berkson owns 100% of the equity of Saber Holding GmbH. Mr. Avram Berkson and Mrs. Sandra Berkson have shared power with Saber to vote or direct the vote, and to dispose or direct the disposition, of such shares. Saber's address is Krummbaumgasse 10/20, 1020 Wein, Austria.

(8) Includes 55,743 shares of our common stock issuable upon the exercise of options.

DESCRIPTION OF CAPITAL STOCK

As of the date of this prospectus, we are authorized to issue up to 221,000,000 shares of capital stock, par value $0.01 per share, divided into two classes designated, respectively, "common stock" and undesignated "preferred stock." Of such shares authorized, 220,000,000 shares are designated as common stock, and 1,000,000 shares are designated as undesignated preferred stock.

The following is a summary of the material terms of our capital stock and certain provisions of our restated certificate of incorporation and amended and restated bylaws. Since the terms of our certificate of incorporation and bylaws, and Delaware law, are more detailed than the general information provided below, you should only rely on the actual provisions of those documents and Delaware law. If you would like to read those documents, they are on file with the SEC, as described under the heading "Where You Can Find Additional Information" below. The summary below is also qualified by provisions of applicable law.

On September 4, 2018, we filed a Certificate of Amendment (the "Amendment") to our Restated Certificate of Incorporation to implement a 1-for-15 reverse split of our common stock (the "Reverse Stock Split"). As a result of the Reverse Stock Split, each fifteen shares of our issued and outstanding common stock were automatically combined and converted into one issued and outstanding share of common stock. The Reverse Stock Split affected all issued and outstanding shares of the Company's common stock and preferred stock, as well as common stock underlying stock options, preferred stock and warrants outstanding immediately prior to the effectiveness of the Reverse Stock Split. The Amendment did not decrease the number of authorized shares of the Company's common stock, nor did it alter the par value of common stock, which remained at $0.01 per share, or modify any voting rights or other terms of our common stock or preferred stock. Unless otherwise indicated, all information set forth in this prospectus gives effect to the Reverse Stock Split.

As of November 7, 2018, there were 2,975,676 shares of common stock outstanding that were held of record by approximately 184 stockholders, although we believe that there is a significantly larger number of beneficial owners of our common stock.

Common Stock

Holders of common stock are entitled to one vote for each share held on all matters submitted to a vote of stockholders and do not have cumulative voting rights. Holders of common stock are entitled to receive proportionately any dividends as may be declared by our board of directors, out of funds that we may legally use to pay dividends, subject to any preferential dividend rights of any outstanding series of preferred stock or series of preferred stock that we may designate and issue in the future. All shares of common stock outstanding as of the date

of this prospectus and, upon issuance and sale, all shares of common stock that we may offer pursuant to this prospectus, will be fully paid and nonassessable.

In the event of our liquidation or dissolution, the holders of common stock are entitled to receive proportionately our net assets available for distribution to stockholders after the payment of all debts and other liabilities and subject to the prior rights of any outstanding preferred stock. Holders of common stock have no preemptive, subscription, redemption or conversion rights. There are no redemption or sinking fund provisions applicable to the common stock.

Preferred Stock

General

We have authority to issue up to 1,000,000 shares of preferred stock, par value $0.01 per share. As of June 30, 2018, we had 1,001 shares of Series A Convertible Preferred Stock issued and outstanding that can convert into an aggregate of 67,000 shares of our common stock. As of the date of this prospectus, no other shares of our preferred stock were outstanding or designated.

Our board of directors is authorized, without stockholder approval, from time to time, to issue shares of preferred stock in series and may, at the time of issuance, subject to Delaware law and our certificate of incorporation and by-laws, determine the rights, preferences and limitations of each series, including voting rights, dividend rights and redemption and liquidation preferences. Satisfaction of any dividend preferences of outstanding shares of preferred stock would reduce the amount of funds available for the payment of dividends on shares of our common stock. Holders of shares of preferred stock may be entitled to receive a preference payment in the event of any liquidation, dissolution or winding-up of our company before any payment is made to the holders of shares of our common stock. In some circumstances, the issuance of shares of preferred stock may render more difficult or tend to discourage a merger, tender offer or proxy contest, the assumption of control by a holder of a large block of our securities or the removal of incumbent management. Upon the affirmative vote of our board of directors, without stockholder approval, we may issue shares of preferred stock with voting and conversion rights which could adversely affect the holders of shares of our common stock.

If we issue a specific series of preferred stock, we will file a copy of the certificate establishing the terms of the preferred stock with the Secretary of State of the State of Delaware and with the SEC. To the extent required, this description will include:

- the title and stated value;
- the number of shares offered, the liquidation preference per share and the purchase price;
- the dividend rate(s), period(s) and/or payment date(s), or method(s) of calculation for such dividends;
- whether dividends will be cumulative or non-cumulative and, if cumulative, the date from which dividends will accumulate;
- the procedures for any auction and remarketing, if any;
- the provisions for a sinking fund, if any;
- the provisions for redemption, if applicable;
- any listing of the preferred stock on any securities exchange or market;
- whether the preferred stock will be convertible into our common stock, and, if applicable, the conversion price (or how it will be calculated) and conversion period;
- whether the preferred stock will be exchangeable into debt securities, and, if applicable, the exchange price (or how it will be calculated) and exchange period;
- voting rights, if any, of the preferred stock;
- a discussion of any material and/or special U.S. federal income tax considerations applicable to the preferred stock;
- the relative ranking and preferences of the preferred stock as to dividend rights and rights upon liquidation, dissolution or winding up of the affairs of the Company; and
- any material limitations on issuance of any class or series of preferred stock ranking senior to or on a parity with the series of preferred stock as to dividend rights and rights upon liquidation, dissolution or winding up of the Company.

Series A Preferred Stock

In December 2016 and May 2017, we filed a Certificate of Designation of Preferences, Rights and Limitations of Series A Convertible Preferred Stock, or the Series A Certificate of Designation, with the Secretary of State of the State of Delaware, establishing and designating an aggregate of 12,991 shares of the Series A Preferred Stock. Each share of Series A Preferred Stock is convertible, at any time at the option of the holder thereof, into 1,000 shares of

common stock, subject to certain adjustments and subject to the ownership limitation described below. The Series A Preferred Stock has no sinking provisions, dividend rights, liquidation preference or other preferences over common stock and has no voting rights except as provided in the Series A Certificate of Designation or as otherwise required by law.

The Series A Preferred Stock contains limitations that prevent the holder from acquiring shares upon conversion of shares of series A preferred stock that would result in the number of shares beneficially owned by the holder and its affiliates exceeding 4.99% of the total number of shares of our common stock then issued and outstanding, which limitation may be increased to 9.99% at the option of the holder. In addition, upon certain changes in control of Microbot, holders of shares of Series A Preferred Stock can elect to receive, subject to certain limitations and assumptions, securities in a successor entity equal to the value of the holders' Series A Preferred Stock, or if holders of common stock are given a choice of cash or property, then cash or property equal to the value of the holder's outstanding Series A Preferred Stock.

As of June 30, 2018, we had 1,001 shares of Series A Preferred Stock issued and outstanding, convertible into an aggregate of 67,000 shares of our common stock, and no shares of Series A Preferred Stock are available for issuance.

Outstanding Warrants

As of June 30, 2018, we had outstanding:

- warrants to purchase approximately 2,770 shares of our common stock at an exercise price of approximately $40.00 per share, which are exercisable through March 14, 2022, and which are subject to "full ratchet" price-based anti-dilution adjustments;
- warrants to purchase approximately 683 shares of our common stock at an exercise price of approximately $1,363 per share, which are exercisable through April 30, 2020; and
- warrants to purchase approximately 183 shares of our common stock at an exercise price of approximately $2,725 per share, which are exercisable through April 9, 2023.

Nasdaq Capital Market

Our common stock is listed on The Nasdaq Capital Market under the symbol "MBOT."

Transfer Agent and Registrar

The transfer agent and registrar for our common stock is Computershare Trust Company, N.A. The transfer agent and registrar's address is Meidinger Tower, 462 South 4th Street, Louisville, KY 40202.

DESCRIPTION OF SECURITIES WE ARE OFFERING

We are offering _____ shares of our common stock or pre-funded warrants to purchase shares of our common stock. The shares of common stock or pre-funded warrants will be issued separately. We are also registering the shares of common stock issuable from time to time upon exercise of the pre-funded warrants offered hereby.

Common Stock

The material terms and provisions of our common stock and each other class of our securities which qualifies or limits our common stock are described under the caption "Description of Capital Stock" in this prospectus.

Pre-Funded Warrants

The following summary of certain terms and provisions of pre-funded warrants that are being offered hereby is not complete and is subject to, and qualified in its entirety by, the provisions of the pre-funded warrant, the form of which is filed as an exhibit to the registration statement of which this prospectus forms a part. Prospective investors should carefully review the terms and provisions of the form of pre-funded warrant for a complete description of the terms and conditions of the pre-funded warrants.

Duration and Exercise Price. Each pre-funded warrant offered hereby will have an initial exercise price per share equal to $0.01. The pre-funded warrants will be immediately exercisable and may be exercised at any time until the pre-funded warrants are exercised in full. The exercise price and number of shares of common stock issuable upon exercise is subject to appropriate adjustment in the event of stock dividends, stock splits, reorganizations or similar events affecting our common stock and the exercise price.

Exercisability. The pre-funded warrants will be exercisable, at the option of each holder, in whole or in part, by delivering to us a duly executed exercise notice accompanied by payment in full for the number of shares of our common stock purchased upon such exercise (except in the case of a cashless exercise as discussed below). A holder (together with its affiliates) may not exercise any portion of the pre-funded warrant to the extent that the holder would own more than 4.99% of the outstanding common stock immediately after exercise, except that upon at least 61 days' prior notice from the holder to us, the holder may increase the amount of ownership of outstanding stock after exercising the holder's pre-funded warrants up to 9.99% of the number of shares of our common stock outstanding immediately after giving effect to the exercise, as such percentage ownership is determined in accordance with the terms of the pre-funded warrants. Purchasers of pre-funded warrants in this offering may also elect prior to the

issuance of the pre-funded warrants to have the initial exercise limitation set at 9.99% of our outstanding common stock. No fractional shares of common stock will be issued in connection with the exercise of a pre-funded warrant. In lieu of fractional shares, we will either pay the holder an amount in cash equal to the fractional amount multiplied by the exercise price or round up to the next whole share.

Cashless Exercise. If, at the time a holder exercises its pre-funded warrants, a registration statement registering the issuance of the shares of common stock underlying the pre-funded warrants under the Securities Act is not then effective or available, then in lieu of making the cash payment otherwise contemplated to be made to us upon such exercise in payment of the aggregate exercise price, the holder may elect instead to receive upon such exercise (either in whole or in part) the net number of shares of common stock determined according to a formula set forth in the pre-funded warrants.

Transferability. Subject to applicable laws, a pre-funded warrant may be transferred at the option of the holder upon surrender of the pre-funded warrant to us together with the appropriate instruments of transfer.

Exchange Listing. There is no trading market available for the pre-funded warrants on any securities exchange or nationally recognized trading system. We do not intend to list the pre-funded warrants on any securities exchange or nationally recognized trading system.

Right as a Stockholder. Except as otherwise provided in the pre-funded warrants or by virtue of such holder's ownership of shares of our common stock, the holders of the pre-funded warrants do not have the rights or privileges of holders of our common stock, including any voting rights, until they exercise their pre-funded warrants.

Fundamental Transaction. In the event of a fundamental transaction, as described in the pre-funded warrants and generally including any reorganization, recapitalization or reclassification of our common stock, the sale, transfer or other disposition of all or substantially all of our properties or assets, our consolidation or merger with or into another person, the acquisition of more than 50% of our outstanding common stock, or any person or group becoming the beneficial owner of 50% of the voting power represented by our outstanding common stock, the holders of the pre-funded warrants will be entitled to receive upon exercise of the pre-funded warrants the kind and amount of securities, cash or other property that the holders would have received had they exercised the pre-funded warrants immediately prior to such fundamental transaction.

UNDERWRITING

We have entered into an underwriting agreement dated _____, 2018 with H.C. Wainwright & Co., LLC, as underwriter, with respect to the securities being offered hereby. Subject to the terms and conditions of the underwriting agreement, we have agreed to sell to the underwriter and the underwriter has agreed to purchase from us, at the public offering price less the underwriting discounts and commissions set forth on the cover page of this prospectus, shares of our common stock and pre-funded warrants.

Pursuant to the terms and subject to the conditions contained in the underwriting agreement, we have agreed to sell to the underwriter named below, and the underwriter has agreed to purchase from us, the respective number of shares of common stock and pre-funded warrants set forth opposite its name below:

Underwriter	**Number of Shares of Common Stock**	**Number of Pre-funded Warrants**
H.C. Wainwright & Co., LLC		

The underwriting agreement provides that the obligation of the underwriter to purchase the shares of common stock and/or pre-funded warrants offered by this prospectus is subject to certain conditions. The underwriter is obligated to purchase all of the shares of common stock and/or pre-funded warrants if any of the securities are purchased, other than those shares covered by the option to purchase additional securities described below. Delivery of the shares of common stock and any pre-funded warrants to purchasers is expected on or about _____, 2018, subject to certain customary closing conditions.

The underwriter proposes to offer the shares of common stock and/or pre-funded warrants purchased pursuant to the underwriting agreement to the public at the public offering price set forth on the cover page of this prospectus and to certain dealers at that price less a concession not in excess of $_____ per share or per pre-funded warrant. After this offering, the public offering price and concession may be changed by the underwriter. No such change shall change the amount of proceeds to be received by us as set forth on the cover page of this prospectus.

In connection with the sale of the common stock and/or pre-funded warrants to be purchased by the underwriter, the underwriter will be deemed to have received compensation in the form of underwriting commissions and discounts. The underwriter's commissions and discounts will be 7% of the gross proceeds of this offering, or $_____ per share of common stock or per pre-funded warrant.

Underwriting Discounts, Commissions and Expenses

The following table shows the public offering price, underwriting discounts and commissions and proceeds, before expenses to us. These amounts are shown assuming both no exercise and full exercise of the underwriter's option to purchase additional shares of common stock.

	Per Share	Per Pre-funded Warrants	Total Without Option	Total With Option
Public offering price	$	$	$	$
Underwriting discounts and commissions	$	$	$	$
Proceeds before expenses	$	$	$	$

We have also agreed to pay to the underwriter a management fee equal to 1% of the aggregate gross proceeds raised in this offering. We estimate the total expenses payable by us for this offering, excluding the underwriting discounts and commissions, to be approximately $_____, which includes (i) a $35,000 non-accountable expense allowance payable to the underwriter, (ii) reimbursement of the accountable expenses of the underwriter up to $125,000, including the legal fees of the underwriter, (iii) if applicable, reimbursement of documented costs of clearing agent settlement and financing up to $10,000 and (iv) other estimated expenses, which include legal, accounting, printing costs and various fees associated with the registration and listing of our securities sold in this offering in a total estimated amount of $_____.

We have also agreed to pay the underwriter a tail fee equal to the cash and warrant compensation in this offering if any investor which the underwriter contacted or introduced us to during the term of the underwriter's engagement (other than investors who have a pre-existing relationship with us) provides us with further capital in a public or private offering or capital raising transaction and such offering or transaction is consummated during the six-month period following termination or expiration of that certain engagement letter, dated October 12, 2018, entered into between us and the underwriter.

In addition, we have agreed to issue to the underwriter warrants (the "Underwriter's Warrants") to purchase up to shares of common stock, which represents 5% of the aggregate number of shares of common stock and pre-funded warrants sold in this offering (including the number of shares of common stock issuable upon exercise of the option to purchase additional securities), at an exercise price of $_____ per share (representing 125% of the public offering price per share of common stock to be sold in this offering). The Underwriter's Warrants will be exercisable immediately and shall expire five years following the effective date of this offering. Pursuant to FINRA Rule 5110(g), the Underwriter's Warrants and any shares issued upon exercise of the Underwriter's Warrants shall not be sold, transferred, assigned, pledged, or hypothecated, or be the subject of any hedging, short sale, derivative, put or call transaction that would result in the effective economic disposition of the securities by any person for a period of 180 days immediately following the date of effectiveness or commencement of sales of this offering, except the transfer of any security: (i) by operation of law or by reason of our reorganization; (ii) to any FINRA member firm participating in the offering and the officers or partners thereof, if all securities so transferred remain subject to the lock-up restriction set forth above for the remainder of the time period; (iii) if the aggregate amount of our securities held by the underwriter or related persons do not exceed 1% of the securities being offered; (iv) that is beneficially owned on a pro-rata basis by all equity owners of an investment fund, provided that no participating member manages or otherwise directs investments by the fund and the participating members in the aggregate do not own more than 10% of the equity in the fund; or (v) the exercise or conversion of any security, if all securities remain subject to the lock-up restriction set forth above for the remainder of the time period.

Option to Purchase Additional Securities

We have granted to the underwriter an option, exercisable not later than 30 days after the date of this prospectus, to purchase up to an additional _____ shares of common stock at the public offering price, less the underwriting discounts and commissions, set forth on the cover page of this prospectus. If any additional shares of common stock are purchased pursuant to such option, the underwriter will offer these securities on the same terms as those on which the securities are being offered hereby.

Right of First Refusal

We have also granted the underwriter a right of first refusal for a period of twelve months following the closing of this offering to act as sole book-running manager, sole underwriter or sole placement agent for each and every future

public offering or private placement of equity or debt securities by us or any of our subsidiaries.

Lock-up Agreements

Our Section 16 (under the Exchange Act) officers and directors have agreed with the underwriter to be subject to a lock-up period of 90 days following the date of this prospectus. This means that, during the applicable lock-up period, such persons may not offer for sale, contract to sell, sell, distribute, grant any option, right or warrant to purchase, pledge, hypothecate or otherwise dispose of, directly or indirectly, any of our shares of common stock or any securities convertible into, or exercisable or exchangeable for, shares of common stock. Certain limited transfers are permitted during the lock-up period if the transferee agrees to these lock-up restrictions.

We have also agreed, in the underwriting agreement, to similar lock-up restrictions on the issuance and sale of our shares of common stock, or any securities convertible into, or exercisable or exchangeable for, shares of common stock, for 90 days following the closing of this offering, subject to certain exceptions.

The underwriter may, in its sole discretion and without notice, waive the terms of any of these lock-up agreements.

Stabilization, Short Positions and Penalty Bids

The underwriter may engage in syndicate covering transactions, stabilizing transactions and penalty bids or purchases for the purpose of pegging, fixing or maintaining the price of our common stock:

Syndicate covering transactions involve purchases of securities in the open market after the distribution has been completed in order to cover syndicate short positions. Such a naked short position would be closed out by buying securities in the open market. A naked short position is more likely to be created if the underwriter is concerned that there could be downward pressure on the price of the securities in the open market after pricing that could adversely affect investors who purchase in the offering.

Stabilizing transactions permit bids to purchase the underlying security so long as the stabilizing bids do not exceed a specific maximum.

Penalty bids permit the underwriter to reclaim a selling concession from a syndicate member when the securities originally sold by the syndicate member are purchased in a stabilizing or syndicate covering transaction to cover syndicate short positions.

These syndicate covering transactions, stabilizing transactions and penalty bids may have the effect of raising or maintaining the market prices of our securities or preventing or retarding a decline in the market prices of our securities. As a result, the price of our common stock may be higher than the price that might otherwise exist in the open market. Neither we nor the underwriter make any representation or prediction as to the effect that the transactions described above may have on the price of our common stock. These transactions may be effected on the Nasdaq Capital Market, in the over-the-counter market or on any other trading market and, if commenced, may be discontinued at any time.

In connection with this offering, the underwriter also may engage in passive market making transactions in our common stock in accordance with Regulation M during a period before the commencement of offers or sales of our securities in this offering and extending through the completion of the distribution. In general, a passive market maker must display its bid at a price not in excess of the highest independent bid for that security. However, if all independent bids are lowered below the passive market maker's bid that bid must then be lowered when specific purchase limits are exceeded. Passive market making may stabilize the market price of the securities at a level above that which might otherwise prevail in the open market and, if commenced, may be discontinued at any time.

Neither we nor the underwriter make any representation or prediction as to the direction or magnitude of any effect that the transactions described above may have on the prices of our securities. In addition, neither we nor the underwriter make any representation that the underwriter will engage in these transactions or that any transactions, once commenced, will not be discontinued without notice.

Indemnification

We have agreed to indemnify the underwriter against certain liabilities, including certain liabilities arising under the Securities Act, or to contribute to payments that the underwriter may be required to make for these liabilities.

Determination of Offering Price

The actual offering price of the securities we are offering will be negotiated between us and the underwriter based on the trading of our common stock prior to the offering, among other things, and may be at a discount to the current market price.

Electronic Offer, Sale and Distribution of Securities

A prospectus in electronic format may be made available on the websites maintained by the underwriter, if any, participating in this offering and the underwriter may distribute prospectuses electronically. Other than the prospectus in electronic format, the information on these websites is not part of this prospectus or the registration statement of which this prospectus form a part, has not been approved or endorsed by us or the underwriter, and should not be relied upon by investors.

Other Relationships

The underwriter and its respective affiliates may in the future engage in investment banking and other commercial dealings in the ordinary course of business with us or our affiliates.

Listing

Our common stock is listed on The Nasdaq Capital Market under the symbol “MBOT.” We do not plan to list the pre-funded warrants or the Underwriter’s Warrants on The Nasdaq Capital Market or any other securities exchange or trading market.

Notice To Investors

Belgium

The offering is exclusively conducted under applicable private placement exemptions and therefore it has not been and will not be notified to, and this document or any other offering material relating to the securities has not been and will not be approved by, the Belgian Banking, Finance and Insurance Commission (“Commission bancaire, financière et des assurances/Commissie voor het Bank, Financie en Assurantiewezen”). Any representation to the contrary is unlawful.

The underwriter has undertaken not to offer sell, resell, transfer or deliver directly or indirectly, any units, or to take any steps relating/ancillary thereto, and not to distribute or publish this document or any other material relating to the units or to the offering in a manner which would be construed as: (a) a public offering under the Belgian Royal Decree of 7 July 1999 on the public character of financial transactions; or (b) an offering of securities to the public under Directive 2003/71/EC which triggers an obligation to publish a prospectus in Belgium. Any action contrary to these restrictions will cause the recipient and the Company to be in violation of the Belgian securities laws.

France

Neither this prospectus nor any other offering material relating to the securities has been submitted to the clearance procedures of the Autorité des marchés financiers in France. The securities have not been offered or sold and will not be offered or sold, directly or indirectly, to the public in France. Neither this prospectus nor any other offering material relating to the securities has been or will be: (a) released, issued, distributed or caused to be released, issued or distributed to the public in France; or (b) used in connection with any offer for subscription or sale of the securities to the public in France. Such offers, sales and distributions will be made in France only: (i) to qualified investors (investisseurs qualifiés) and/or to a restricted circle of investors (cercle restreint d'investisseurs), in each case investing for their own account, all as defined in and in accordance with Articles L.411-2, D.411-1, D.411-2, D.734-1,D.744-1, D.754-1 and D.764-1 of the French Code monétaire et financier; (ii) to investment services providers authorised to engage in portfolio management on behalf of third parties; or (iii) in a transaction that, in accordance with article L.411-2-II-1°-or-2°-or 3° of the French Code monétaire et financier and article 211-2 of the General Regulations (Règlement Général) of the Autorité des marchés financiers, does not constitute a public offer (appel public à l'épargne). Such securities may be resold only in compliance with Articles L.411-1, L.411-2, L.412-1 and L.621-8 through L.621-8-3 of the French Code monétaire et financier.

United Kingdom/Germany/Norway/The Netherlands

In relation to each Member State of the European Economic Area which has implemented the Prospectus Directive (each, a "Relevant Member State") an offer to the public of any securities which are the subject of the offering contemplated by this prospectus may not be made in that Relevant Member State other than the offers contemplated in this prospectus in name(s) of Member State(s) where prospectus will be approved or passported for the purposes of a non-exempt offer once this prospectus has been approved by the competent authority in such Member State and published and passported in accordance with the Prospectus Directive as implemented in name(s) of relevant Member State(s) except that an offer to the public in that Relevant Member State of any security may be made at any time under the following exemptions under the Prospectus Directive, if they have been implemented in that Relevant Member State:

(a) to legal entities which are authorised or regulated to operate in the financial markets or, if not so authorised or regulated, whose corporate purpose is solely to invest in securities;

(b) to any legal entity which has two or more of (1) an average of at least 250 employees during the last financial year; (2) a total balance sheet of more than €43,000,000 and (3) an annual net turnover of more than €50,000,000, as shown in its last annual or consolidated accounts;

(c) by the representative to fewer than 100 natural or legal persons (other than qualified investors as defined in the Prospectus Directive); or

(d) in any other circumstances falling within Article 3(2) of the Prospectus Directive, provided that no such offer of units shall result in a requirement for the publication by the company or any underwriter of a prospectus pursuant to Article 3 of the Prospectus Directive.

For the purposes of this provision, the expression an "offer to the public" in relation to any units in any Relevant Member State means the communication in any form and by any means of sufficient information on the terms of the offer and any units to be offered so as to enable an investor to decide to purchase any units, as the same may be varied in that Member State by any measure implementing the Prospectus Directive in that Member State and the expression "Prospectus Directive" means Directive 2003/71/EC and includes any relevant implementing measure in each Relevant Member State.

The underwriter has represented, warranted and agreed that:

(a) it has only communicated or caused to be communicated and will only communicate or cause to be communicated any invitation or inducement to engage in investment activity (within the meaning of section 21 of the Financial Services and Markets Act 2000 (the FSMA)) received by it in connection with the issue or sale of any units in circumstances in which section 21(1) of the FSMA does not apply to the company; and

(b) it has complied with and will comply with all applicable provisions of the FSMA with respect to anything done by it in relation to the securities in, from or otherwise involving the United Kingdom.

Israel

This prospectus does not constitute a prospectus under the Israeli Securities Law, 5728-1968, and has not been filed with or approved by the Israel Securities Authority. In Israel, this prospectus is being distributed only to, and is directed only at, investors listed in the first addendum, or the Addendum, to the Israeli Securities Law, consisting primarily of joint investment in trust funds, provident funds, insurance companies, banks, portfolio managers, investment advisors, members of the Tel Aviv Stock Exchange, underwriters, venture capital funds, entities with equity in excess of NIS 50 million and "qualified individuals," each as defined in the Addendum (as it may be amended from time to time), collectively referred to as qualified investors, in each case, purchasing for their own account or, where permitted under the Addendum, for the accounts of their clients who are qualified investors. Qualified investors will be required to submit written confirmation that they fall within the scope of the Addendum.

Italy

The offering of the securities offered hereby in Italy has not been registered with the Commissione Nazionale per la Società e la Borsa ("CONSOB") pursuant to Italian securities legislation and, accordingly, the securities offered hereby cannot be offered, sold or delivered in the Republic of Italy ("Italy") nor may any copy of this prospectus or any other document relating to the securities offered hereby be distributed in Italy other than to professional investors (operatori qualificati) as defined in Article 31, second paragraph, of CONSOB Regulation No. 11522 of 1 July, 1998 as subsequently amended. Any offer, sale or delivery of the securities offered hereby or distribution of copies of this prospectus or any other document relating to the securities offered hereby in Italy must be made:

(a) by an investment firm, bank or intermediary permitted to conduct such activities in Italy in accordance with Legislative Decree No. 58 of 24 February 1998 and Legislative Decree No. 385 of 1 September 1993 (the "Banking Act");

(b) in compliance with Article 129 of the Banking Act and the implementing guidelines of the Bank of Italy; and

(c) in compliance with any other applicable laws and regulations and other possible requirements or limitations which may be imposed by Italian authorities.

Sweden

This prospectus has not been nor will it be registered with or approved by Finansinspektionen (the Swedish Financial Supervisory Authority). Accordingly, this prospectus may not be made available, nor may the securities offered hereunder be marketed and offered for sale in Sweden, other than under circumstances which are deemed not to require a prospectus under the Financial Instruments Trading Act (1991: 980).

Switzerland

The securities offered pursuant to this prospectus will not be offered, directly or indirectly, to the public in Switzerland and this prospectus does not constitute a public offering prospectus as that term is understood pursuant to art. 652a or art. 1156 of the Swiss Federal Code of Obligations. The company has not applied for a listing of the securities being offered pursuant to this prospectus on the SWX Swiss Exchange or on any other regulated securities market, and consequently, the information presented in this prospectus does not necessarily comply with the information standards set out in the relevant listing rules. The securities being offered pursuant to this prospectus have not been registered with the Swiss Federal Banking Commission as foreign investment funds, and the investor protection afforded to acquirers of investment fund certificates does not extend to acquirers of securities.

Investors are advised to contact their legal, financial or tax advisers to obtain an independent assessment of the financial and tax consequences of an investment in securities.

LEGAL MATTERS

The validity of the securities being offered by this prospectus will be passed upon for us by Mintz, Levin, Cohn, Ferris, Glovsky and Popeo P.C., Boston, Massachusetts. The underwriter is being represented by Lowenstein Sandler, LLP, New York, New York.

EXPERTS

The consolidated financial statements of Microbot Medical Inc. appearing it its Annual Report on Form 10-K for the year ended December 31, 2017, have been audited by Brightman Almagor Zohar & Co., a Member of Deloitte Touche Tohmatsu Limited, independent registered public accounting firm, as set forth in their report thereon, included therein, and incorporated herein by reference. Such consolidated financial statements are incorporated herein by reference in reliance upon such report given on the authority of such firm as experts in accounting and auditing.

WHERE YOU CAN FIND ADDITIONAL INFORMATION

We have filed with the SEC a registration statement on Form S-1 under the Securities Act, with respect to the securities being offered by this prospectus. This prospectus does not contain all of the information in the registration statement and its exhibits. For further information with respect to us and the securities offered by this prospectus, we refer you to the registration statement and its exhibits. Statements contained in this prospectus as to the contents of any contract or any other document referred to are not necessarily complete, and in each instance, we refer you to the copy of the contract or other document filed as an exhibit to the registration statement. Each of these statements is qualified in all respects by this reference.

You can read our SEC filings, including the registration statement, over the Internet at the SEC's website at www.sec.gov. You may also read and copy any document we file with the SEC at its public reference facilities at 100 F Street NE, Washington, D.C. 20549. You may also obtain copies of these documents at prescribed rates by writing to the Public Reference Section of the SEC at 100 F Street N.E., Washington, D.C. 20549. Please call the SEC at 1-800-SEC-0330 for further information on the operation of the public reference facilities. You may also request a copy of these filings, at no cost, by writing us at 25 Recreation Park Drive, Unit 108 Hingham, Massachusetts 02043 or telephoning us at (781) 875-3605.

We are subject to the information and periodic reporting requirements of the Exchange Act, and we file periodic reports, proxy statements and other information with the SEC. These periodic reports, proxy statements and other

information are available for inspection and copying at the public reference room and website of the SEC referred to above. We maintain a website at www.microbotmedical.com. You may access our annual reports on Form 10-K, quarterly reports on Form 10-Q, current reports on Form 8-K and amendments to those reports filed or furnished pursuant to Section 13(a) or 15(d) of the Exchange Act with the SEC free of charge at our website as soon as reasonably practicable after such material is electronically filed with, or furnished to, the SEC. The information contained in, or that can be accessed through, our website is not incorporated by reference in, and is not part of, this prospectus.

INCORPORATION OF CERTAIN INFORMATION BY REFERENCE

The SEC allows us to "incorporate by reference" information from other documents that we file with it, which means that we can disclose important information to you by referring you to those documents. The information incorporated by reference is considered to be part of this prospectus. Information in this prospectus supersedes information incorporated by reference that we filed with the SEC prior to the date of this prospectus.

We incorporate by reference into this prospectus and the registration statement of which this prospectus is a part the information or documents listed below that we have filed with the SEC (Commission File No. 001-19871):

- our annual report on Form 10-K for the year ended December 31, 2017 filed with the SEC on April 2, 2018;
- our quarterly reports on Form 10-Q for the quarters ended March 31, 2018 and June 30, 2018, filed with the SEC on May 15, 2018 and August 14, 2018, respectively;
- our Definitive Proxy Statement on Schedule 14A, filed with the SEC on July 27, 2018;
- our current reports on Form 8-K and any amendments thereto on Form 8-K/A, filed with the SEC on January 8, 2018; January 31, 2018; March 28, 2018; April 5, 2018; April 16, 2018; September 4, 2018 and October 1, 2018 (in each case, except for information contained therein which is furnished rather than filed); and
- the description of our common stock contained in our registration statement on Form 8-A, filed with the SEC on August 3, 1998, including all amendments and reports filed for the purpose of updating such description.

In addition, all documents subsequently filed by us pursuant to Sections 13(a), 13(c), 14 or 15(d) of the Exchange Act, prior to the termination of the offering (excluding any information furnished rather than filed) shall be deemed to be incorporated by reference into this prospectus.

We will provide to each person, including any beneficial owners, to whom a prospectus is delivered, a copy of any or all of the reports or documents that have been incorporated by reference in the prospectus contained in the registration statement but not delivered with the prospectus. We will provide these reports or documents upon written or oral request at no cost to the requester. You should direct any written requests for documents to Microbot Medical Inc. Attn: Chief Financial Officer, 25 Recreation Park Drive, Unit 108, Hingham, Massachusetts 02043. You may also telephone us at (781) 875-3605.

In accordance with Rule 412 of the Securities Act, any statement contained in a document incorporated by reference herein shall be deemed modified or superseded 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.

MICROBOT MEDICAL INC.

CONSOLIDATED FINANCIAL STATEMENTS

AS OF DECEMBER 31, 2017

INDEX TO FINANCIAL STATEMENTS

REPORT OF INDEPENDENT REGISTERED PUBLIC ACCOUNTING FIRM

To the Board of Directors and Stockholders of

MICROBOT MEDICAL, Inc.

Opinion on the Financial Statements

We have audited the accompanying consolidated balance sheets of Microbot Medical, Inc. and its subsidiary (the "Company") as of December 31, 2017 and 2016 and the related consolidated statements of comprehensive loss, stockholders' equity and cash flows for each of the two years in the period ended December 31, 2017, and the related notes (collectively referred to as the "financial statements").

In our opinion, the financial statements present fairly, in all material respects, the financial position of the Company as of December 31, 2017 and 2016, and the results of its operations and its cash flows for each of the two years in the period ended December 31, 2017, in conformity with accounting principles generally accepted in the United States of America.

Basis for Opinion

These financial statements are the responsibility of the Company's management. Our responsibility is to express an opinion on the Company's financial statements based on our audit. We are a public accounting firm registered with the Public Company Accounting Oversight Board (United States) (PCAOB) and are required to be independent with respect to the Company in accordance with the U.S. federal securities laws and the applicable rules and regulations of the Securities and Exchange Commission and the PCAOB.

We conducted our audit in accordance with the standards of the PCAOB. Those standards require that we plan and perform the audit to obtain reasonable assurance about whether the financial statements are free of material misstatement, whether due to error or fraud. The Company is not required to have, nor were we engaged to perform, an audit of its internal control over financial reporting. As part of our audit, we are required to obtain an understanding of internal control over financial reporting but not for the purpose of expressing an opinion on the effectiveness of the Company's internal control over financial reporting. Accordingly, we express no such opinion.

Our audit included performing procedures to assess the risks of material misstatement of the financial statements, whether due to error or fraud, and performing procedures that respond to those risks. Such procedures included examining, on a test basis, evidence regarding the amounts and disclosures in the financial statements. Our audit also included evaluating the accounting principles used and significant estimates made by management, as well as evaluating the overall presentation of the financial statements. We believe that our audit provides a reasonable basis for our opinion.

/s/ Brightman Almagor Zohar & Co.
Certified Public Accountants
Member of Deloitte Touche Tohmatsu Limited

Tel Aviv, Israel

April 2, 2018, except Note 1D, as to which the date is November 8, 2018

We have served as the Company's auditor since 2014.

MICROBOT MEDICAL INC.

Consolidated Balance Sheets

U.S. dollars in thousands

(Except share data)

	Note	As of December 31, 2017	2016
ASSETS			
Current assets:			
Cash and cash equivalents		$10,787	$2,709
Restricted cash		27	-
Other current assets	3	116	606
		10,930	3,315
Fixed assets, net	4	90	53
Total assets		$11,020	$3,368
LIABILITIES AND SHAREHOLDERS' EQUITY			
Current liabilities:			
Trade payables		$78	$512
Accrued liabilities	5	450	271
Total current liabilities		528	783
Long-term liabilities:			
Convertible notes	6	-	76
Derivative warrant liability	7	28	313
		28	389
Total liabilities		556	1,172
Commitments and contingencies	8		
Temporary equity:	9		
Common stock of $0.01 par value; issued and outstanding: 721,107 shares as of December 31, 2017 and 2016		500	500
Shareholders' equity:			
	9	(*)	(*)

Preferred stock of $0.01 par value; Authorized: 1,000,000 shares as of December 31, 2017 and 2016;issued and outstanding: 4,001 and 9,736 shares as of December 31, 2017 and 2016, respectively		
Common stock of $0.01 par value; Authorized: 220,000,000 as of December 31, 2017 and 2016; issued and outstanding (**): 2,013,193 and 1,067,777 shares as of December 31, 2017, and December 31, 2016, respectively	27	18
Additional paid-in capital	30,561	14,713
Accumulated deficit	(20,624)	(13,035)
	9,964	1,696
	$11,020	$3,368

(*) Less than 1

(**) December 31 2017 and 2016 share data represents the number of shares adjusted to retroactively reflect the 1:15 reverse Stock Split effected on September 4, 2018, as discussed in Note 1.

The accompanying notes are an integral part of these consolidated financial statements.

MICROBOT MEDICAL INC.

Consolidated Statements of Comprehensive Loss

U.S. dollars in thousands

(Except share data)

	Note	Years ended December 31, 2017	2016
Research and development expenses, net	11	$1,100	$901
General and administrative expenses	12	4,167	8,734
Operating loss		(5,267)	(9,635)
Financing expenses, net	13	2,322	28
Net loss		$(7,589)	$(9,663)
Net loss per share, basic and diluted(*)	10	$(2.67)	$(5.94)
Weighted-average number of common shares outstanding, basic and diluted (*)		2,201,992	963,047

(*) December 31 2017 and 2016 share data represents the number of shares adjusted to retroactively reflect the 1:15 reverse Stock Split effected on September 4, 2018, as discussed in Note 1.

The accompanying notes are an integral part of these consolidated financial statements.

MICROBOT MEDICAL INC.

Consolidated Statements of Shareholder's Equity

U.S. dollars in thousands

(Except share data)

Preferred A Shares – Microbot Medical Ltd.		**Preferred A Shares – Microbot Medical Inc.**		Common Stock (***)		Additional paid-in	Accumulated	Total shareholders'	Temporary
(Pre - merger) *		**(Post - merger) ***							
Number	Amount	Number	Amount	Number	Amount	**capita**			