

ROBOTIZING ENDOLUMINAL SURGERY

NASDAQ:MBOT

SAFE HARBOR STATEMENT



This document contains forward-looking statements within the meaning of Section 27A of the Securities Act of 1933, as amended and Section 21E of the Securities Exchange Act of 1934, as amended, relating to future events or the future financial performance and operations of Microbot Medical, INC. Forward-looking statements, which involve assumptions and describe Microbot’s intent, belief or current expectations about its business opportunities, prospects, performance and results, are generally identifiable by use of the words “may,” “could,” “should,” “will,” “would,” “expect,” “anticipate,” “plan,” “potential,” “estimate,” “believe,” “intend,” “project,” “forecast,” the negative of such words and other variations on such words or similar terminology. All statements other than statements of historical fact could be deemed forward-looking statements, including, but not limited to: risks inherent in the development and/or commercialization of potential products, including LIBERTY and the self-cleaning shunt; the outcome of our studies to evaluate LIBERTY and the SCS and other existing and future technologies; uncertainty in the results of pre-clinical and clinical trials or regulatory pathways and regulatory approvals; uncertainty resulting from the COVID-19 pandemic; need and ability to obtain future capital; maintenance of intellectual property rights; 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; and any statements or assumptions underlying any of the items mentioned. These forward-looking statements are not guarantees of future performance and by their nature involve known and unknown risks and uncertainties that may cause actual opportunities, prospects, performance and results to vary from those presented in this document, and those variances may be material. In evaluating such statements, prospective investors should carefully consider the various risks and uncertainties identified in Microbot’s public filings with the Securities and Exchange Commission (the “SEC”), such as market risk, liquidity risk, competitive risk, regulatory risk and other commonly recognized forms of risk relating to Microbot and its securities. In light of these risks, uncertainties and assumptions, the forward-looking events discussed in this document might not occur. Microbot is not obligated to publicly update or revise any forward-looking statements, whether as a result of new information, future events or otherwise.

This presentation shall not constitute an offer to sell or the solicitation of an offer to buy, nor shall there be any sale of Microbot’s securities in any state or other jurisdiction in which such offer, solicitation or sale would be unlawful prior to registration or qualification under the securities laws of any such state or other jurisdiction.

MEDICAL ROBOTICS MARKET IS RAPIDLY GROWING



Minimally Invasive Surgery
(MIS) is the fastest growing
healthcare segment
>\$50B

Expected
>20% CAGR
through 2025

Applies to
Most Surgical
Specialties

Becoming
Smaller, Automated,
and More Precise

U.S. Market for Surgical Robotics



19 Million

Procedures in 2019
>5% used a Robotic
Device

~95%

of Addressable Market
Remains Available

+15-20%

Market Growth
in Endoluminal Robotic
Surgery by 2025
(est.)

Microbot Medical is in the Right Market, at the Right Time with the Right Products!

- Telehealth has been a core focus of Microbot's product development roadmap
- LIBERTY and SCS are designed to be remote controlled and monitored

Cardiovascular Today, April 2020

COVID-19: Robotics may help to reduce exposure to virus patients during interventional procedures

ResearchGate, March 2020

Robotics For COVID-19: How Can Robots Help Health Care in the Fight Against Coronavirus?

WIRED, March 2020

The Covid-19 Pandemic Is a Crisis That Robots Were Built For

MEDICAL ROBOTICS REMAINS IN THE SPOTLIGHT



Medtronic Announces Acquisition of Digital Surgery to Accelerate Robot Assisted Surgery Strategy.

Globe Newswire, February 2020



Intuitive Surgical Acquires Orpheus Medical for Undisclosed Amount.

Globe Newswire, February 2020



Stryker Acquires Mobius Imaging and Cardan Robotics for \$370 million upfront and up to \$130 million of contingent payments correlated with development and commercial milestones.

Globe Newswire, September 2019



Corindus Vascular Robotics Announces Definitive Agreement to be Acquired by Siemens Healthineers for \$1.1 billion

Business Wire, August, 2019



Johnson & Johnson Acquires Auris Health, Inc for \$3.4 billion in cash. Additional contingent payments of up to \$2.35 billion, in the aggregate, may be payable upon reaching certain predetermined milestones.

Globe Newswire, April 2019



Medtronic Acquires Mazor Robotics for \$1.64 Billion.

PR Newswire, September 2018

EVOLUTION OF SURGERY



1980-1990
Freehand
Surgery



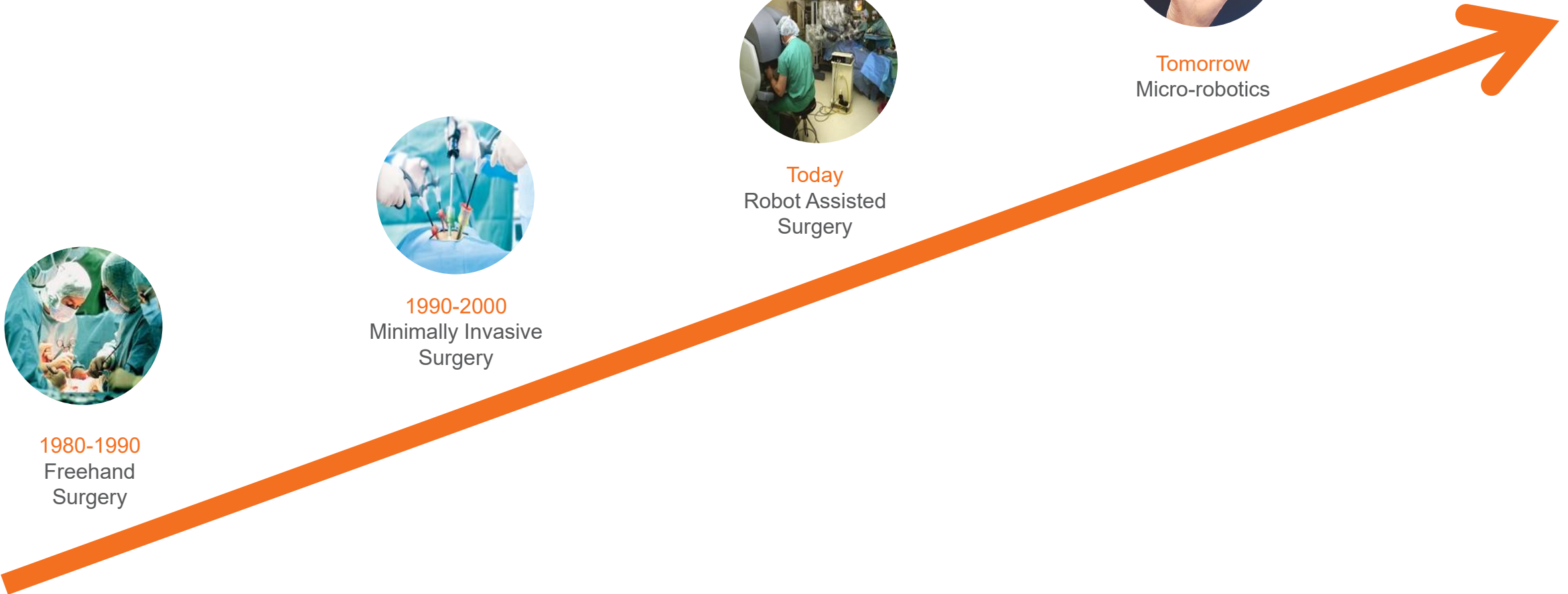
1990-2000
Minimally Invasive
Surgery



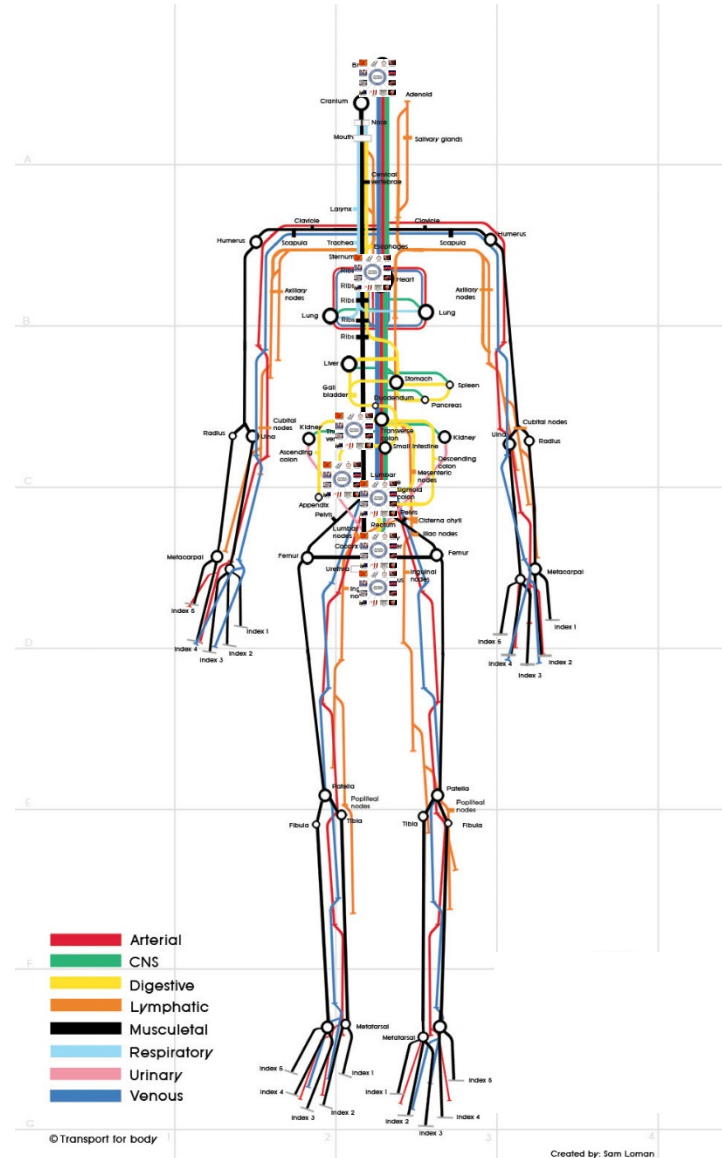
Today
Robot Assisted
Surgery



Tomorrow
Micro-robotics



MULTIPLE OPPORTUNITIES – ENDOLUMINAL SURGERY



BUILDING ON A SUCCESSFUL TRACK RECORD...



Strong
Balance Sheet



LIBERTY Robotic System
Validated Through Multiple
Feasibility Studies



Successful Pre-submission
Meeting with the FDA
Regarding the SCS



Robust IP Portfolio:
44 Global Patents
Issued/Allowed
24 Pending Patent
Applications



Thought Leaders to Enhance Core Capabilities

- Expanded Management
- Scientific Advisory Board (Moshe Shoham)
- Board of Directors (Tal Wenderow)

...CONTINUED MOMENTUM IN 2021

Conclude animal feasibility studies on LIBERTY Robotic System

LIBERTY Robotic System design freeze

Initiate Animal Study in LIBERTY Robotics System

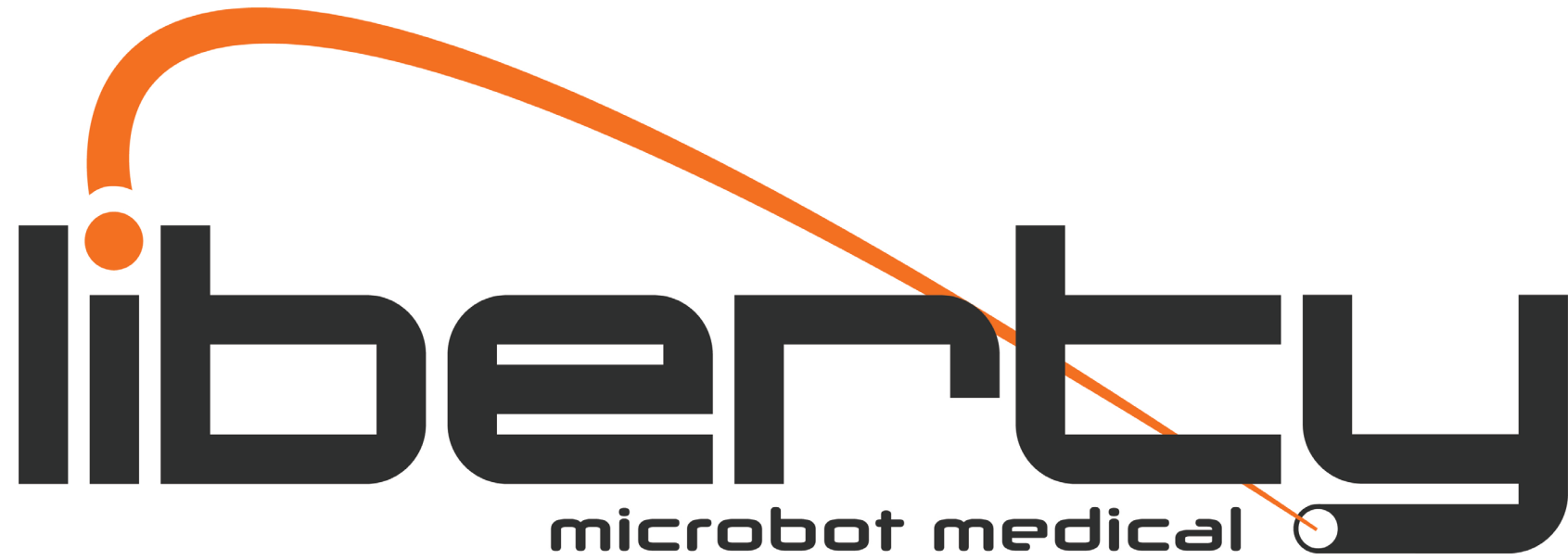
Concluded SCS Pre-Submission meeting with the FDA

FDA pre-submission request for LIBERTY Robotic System

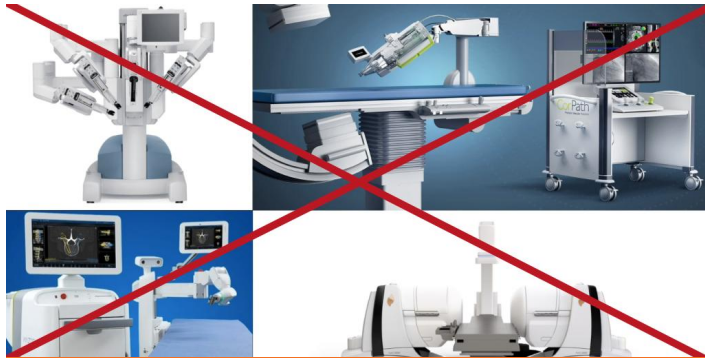
Explore M&A opportunities to enhance capabilities in multiple market segments

Expand IP portfolio

Continue to recruit medical pioneers and thought leaders



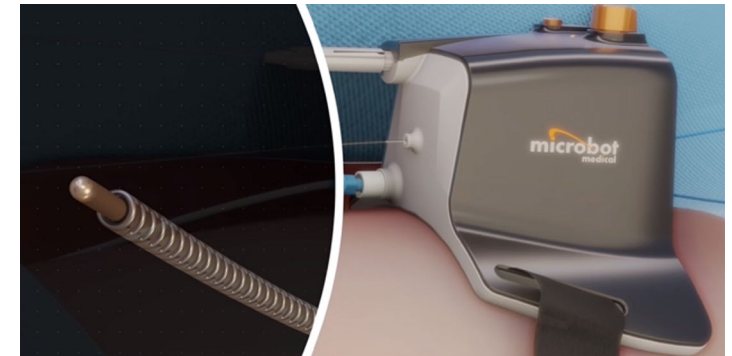
FULLY DISPOSABLE ROBOTIC SYSTEM



Eliminate Need for
Capital Equipment



Operated
Remotely



“One & Done”
Capabilities

TOTAL ADDRESSABLE MARKET - VASCULAR

~800K Stroke Incidences, US
Only ~4% Treated

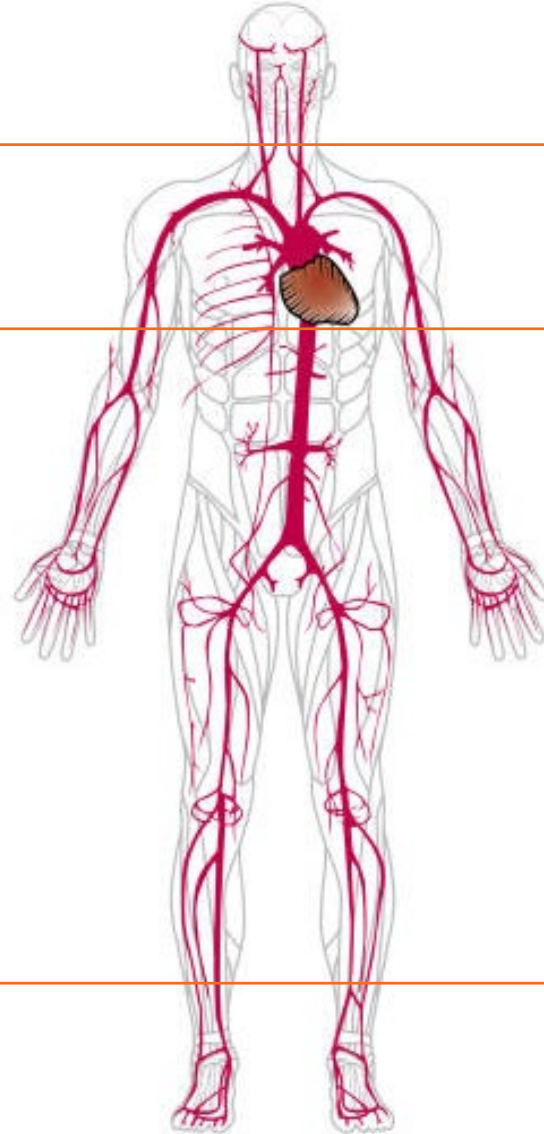
Neuro

3+ M procedures WW

Coronary

2+ M procedures WW

Peripheral



ANIMAL FEASIBILITY STUDIES

First Study End Points Met

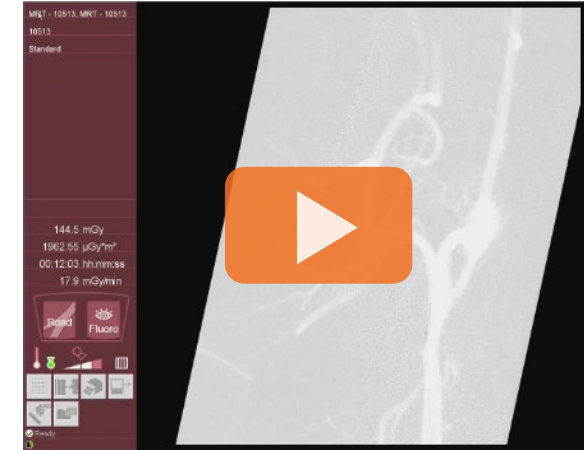
- Peripheral and Neuro Procedures Successfully Achieved
- No Intraoperative Adverse Effects
- Exceed internal expectations
- Confirmed Usability of the System with Leading KOL's



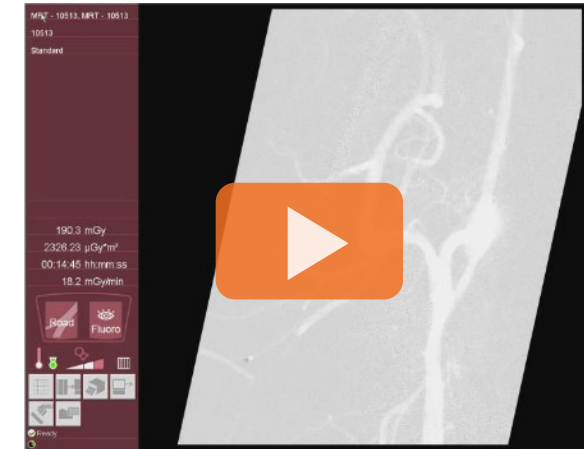
ANIMAL FEASIBILITY STUDIES

Second Study End Point Met

- Navigated to a clot
- Crossed the clot
- Deployed a stent retriever
- Retrieved an arterial clot in a live pig (manually)



CROSSING THE CLOT



INSERTION OF STENT
RETRIEVER

*All of the end points were met with no intraoperative adverse events.

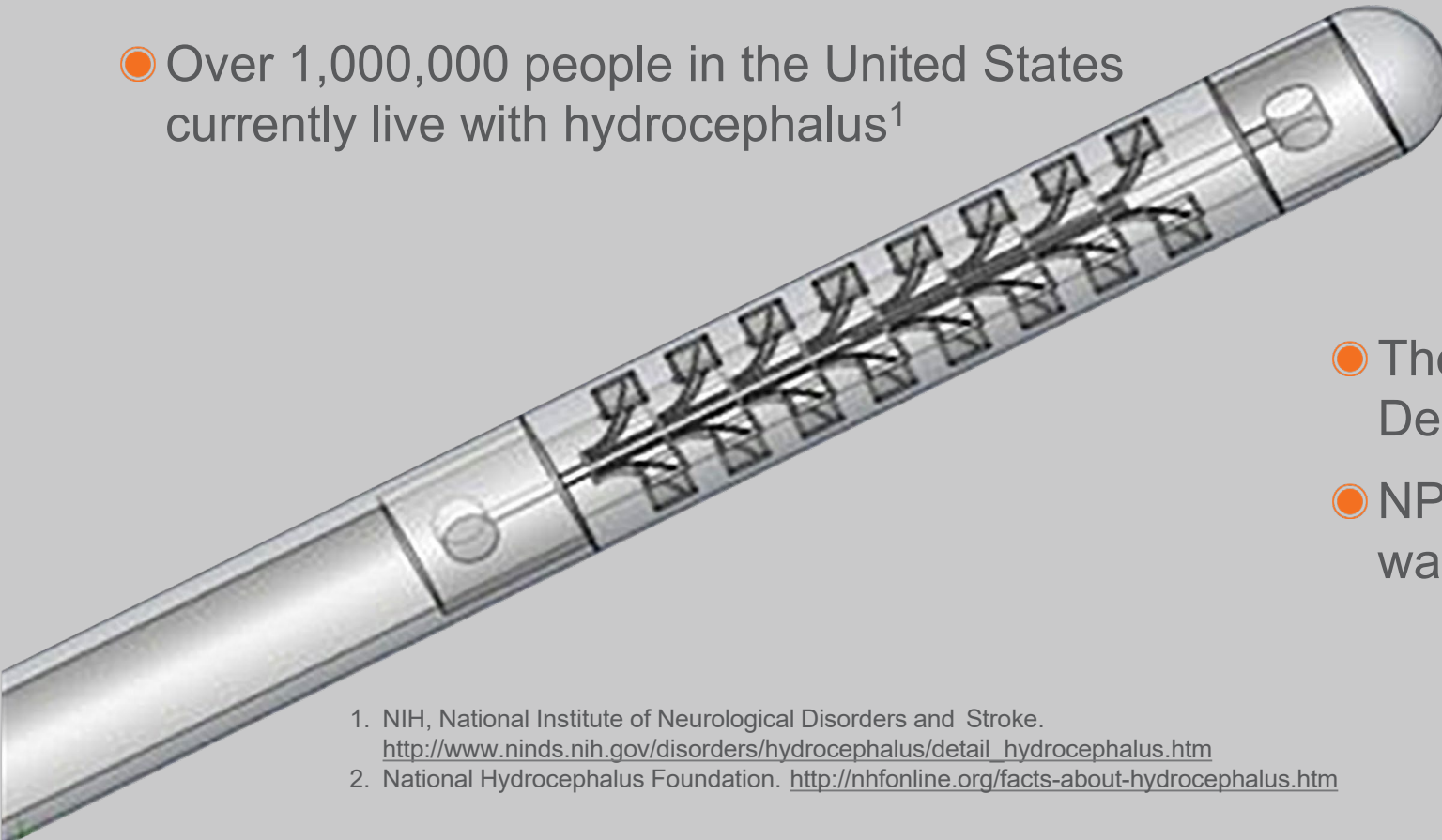






SELF-CLEANING SHUNT (SCS): VENTRICULOPERITONEAL SHUNT MARKET OPPORTUNITY

- Hydrocephalus and Normal Pressure Hydrocephalus (NPH), are medical conditions in which there is an abnormal accumulation of cerebrospinal fluid (CSF) in the ventricles of the brain.
- Over 1,000,000 people in the United States currently live with hydrocephalus¹



- The problem is often misdiagnosed as Dementia, Alzheimer's, or Parkinson's²
- NPH can cause dementia, difficulty in walking and urinary incontinence²

1. NIH, National Institute of Neurological Disorders and Stroke. http://www.ninds.nih.gov/disorders/hydrocephalus/detail_hydrocephalus.htm
2. National Hydrocephalus Foundation. <http://nhfonline.org/facts-about-hydrocephalus.htm>

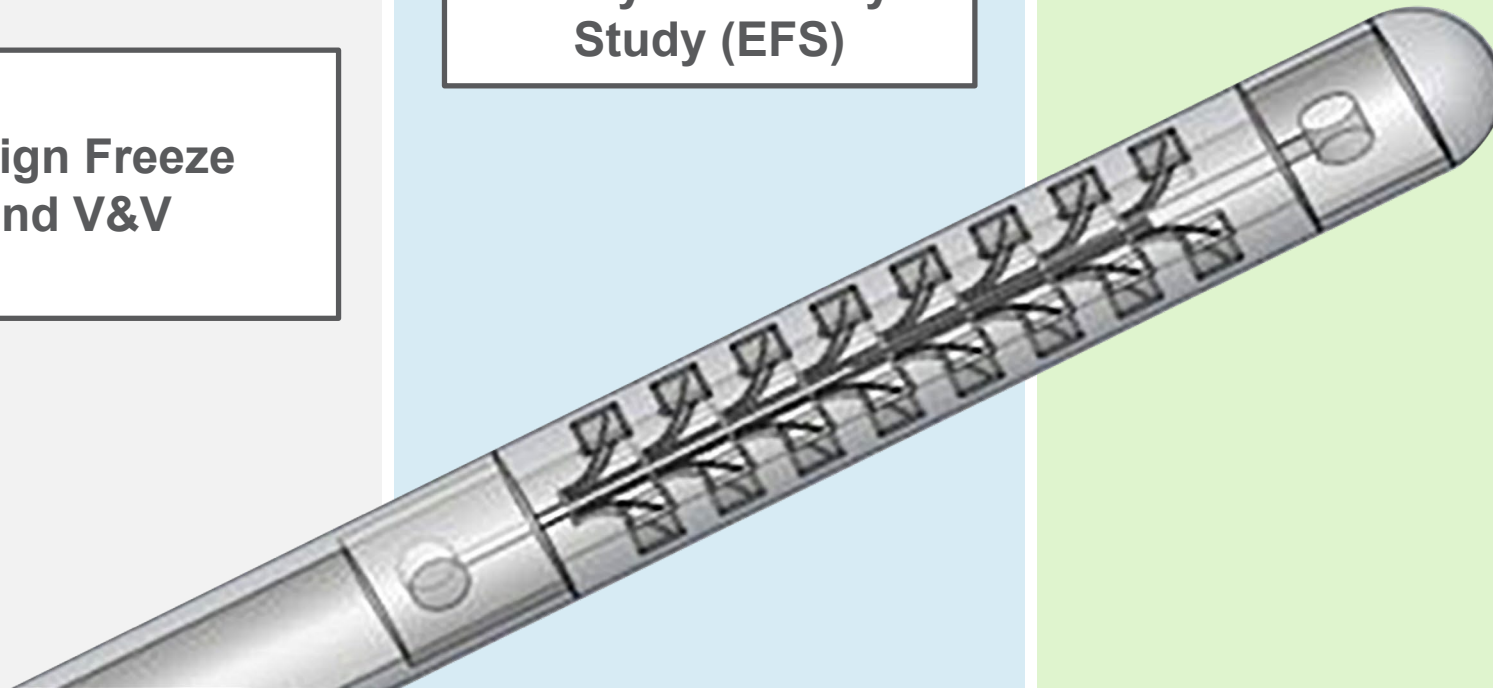
SUCCESSFUL FDA PRE-SUBMISSION MEETING FOR NOVEL SCS TECHNOLOGY

Affirmed Steps to Advance through the Next Developmental, Clinical & Regulatory Phases

**Design Freeze
and V&V**

**Apply for Limited
Clinical Investigation
Early Feasibility
Study (EFS)**

**First-in-Human
Clinical Trial under
EFS Expected to
Start 3Q22**



ROBUST IP PLATFORM



44
patents
issued/allowed

24
patent
applications
pending
worldwide

Tip-Propelled Endoscope

Restenosis Prevention

Semi-disposable Endoscope

Self-Cleaning Shut

Multi-view Imaging System

Robotic Crawler

Double Concentric Guidewire

Disposable Endoluminal Robotic System

PROVEN FOUNDERS



Prof. Moshe Shoham

Member of the Scientific Advisory Board

Prof. Moshe Shoham is a worldwide acclaimed authority in the field of robotics, conducting research in the robotic field for over the past 25 years, with a special focus on kinematics and dynamics of robots, sensor integration, multi-finger hands and medical applications.

- Founder of Mazor Robotics Ltd. acquired by Medtronic for \$1.64B
- International Member, US National Academy of Engineering
- Head of the robotics lab at Technion's - Israel Institute of Technology - Faculty of Mechanical Engineering. Formerly the director of the robotic laboratory of the Department of Mechanical Engineering, Columbia University, NY.



Harel Gadot

CEO, President & Chairman

Mr. Harel Gadot was formerly a Worldwide Group Marketing Director at Ethicon Inc., a multi-billion dollar division of Johnson & Johnson company (NYSE: JNJ). Mr. Gadot was with J&J for a decade between 2000- 2010.

- Company Group Chairman for MEDX Ventures Group.
- Previously held leadership positions for Ethicon Inc. in Europe, Middle East and Africa.
- Served on the board of directors and led the business development for ConTIPI Ltd., an early stage medical device company, which was acquired by Kimberly Clark Corp (NYSE:KMB) in 2012.



Yossi Bornstein

Co-Founder & Director

Mr. Yossi Bornstein is the President of Shizim Group, one of the leading MedTech eco-systems in Israel. He is a serial entrepreneur who played key roles in the healthcare industry over the past 35 years and is recognized for his activity both in Israel and internationally.

- He is a founder of multiple successful HealthCare companies and innovation centers, among them ShizimXL and ShizimVS.
- Founder of ILSI-Israel Life Science Industry Organization and ITTN-Israel Tech Transfer Organization
- Previously he held the position of CEO at Bristol-Myers Squibb (BMS) in Israel.

PROVEN LEADERSHIP TEAM



Simon Sharon
Chief Technology Officer

Mr. Simon Sharon brings 23 years of R&D and general management in the medical devices space. Prior to Microbot Medical Mr. Sharon managed the R&D at Icecure Medical; an early stage, public medical device company. Mr. Sharon was the General Manager of Anorad Israel, a subsidiary of Rockwell Automation which manufactures sub-micron precision motion systems.

- Holds a B.Sc. from the Technion Institute of Technology and an M.Sc in Mechanical engineering from MIT where he specialized in motion control and Robotics.



Dr. Eyal Morag
Chief Medical Officer

Dr. Eyal Morag will lead the development and execution of the clinical strategy of the Company's technology platforms, including its current development of the Self-Cleaning Shunt (SCS) and LIBERTY products as well as its future pipeline.

- Member of the Company's Scientific Advisory Board since November 2017.
- Serves as Chairman of Radiology at Assuta Ashdod Medical Center, Ashdod, Israel.
- Recently served as the Regional Radiology Director at Mercy Health Partners Hospitals in Toledo, Ohio.
- Member of University Radiology Group (one of the largest private Radiology groups in the U.S.) where he headed the International Investment efforts for the Ventures division.



David Ben Naim
Chief Financial Officer

Mr. David Ben Naim is a CPA licensed in the State of Israel. Prior to joining Microbot Medical, Mr. Ben Naim operated DBN Financial.

- Previously served as CFO of Insuline Medical Ltd, a public company listed on the Tel-Aviv Stock Exchange (TASE:INSL).
- Prior to that Mr. Ben Naim served as CFO of Crow Technologies 1977 Ltd, a public company listed on the OTCQB (CRWTF), from 2008 – 2011.

SUMMARY

Addressing multi-billion, high growth, underserved markets

Developing micro-invasive medical robotic technology platforms to enhance clinician ability to treat patients with unmet medical needs

Multi-generational product pipeline portfolio with robust launch cadence

Significant Intellectual Property portfolio creates barrier to entry

Proven leadership team and continued involvement of founders, including Prof. Moshe Shoham, founder of Mazor Robotics

Strong cash position to achieve meaningful milestones