

## LifeScience MedTech Companies

### Recros Medica



Based on Rotational Fractional Resection invention. Novel approach to reduce skin laxity and contour focal fat pockets with surgery-like results and no visible scarring. Near-term pipeline opportunity for unique approach to aesthetic augmentation & rejuvenation.

Seeking \$25M

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### 11 Health



11 Health, is a connected medical device company, connected in the sense that all of our patented devices use Bluetooth® wireless technology to send secure real-time data to most mobile devices, including smartphones, tablets and watches. Data is stored on a HIPAA compliant cloud server and then shared with physicians, clinicians, nurses and family members who care for you. We create an elegant and seamless experience between the hardware and the proprietary apps designed by patients, physicians and nurses in cooperation with our engineering teams.

Seeking \$8M

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### Branchpoint



Branchpoint targets a meaningful yet underserved existing market opportunity in neurocritical care. Its solution is built on proven technology and leaps over existing products on the market. It is currently awaiting FDA clearance of its 510(k) premarket notification. A board of proven medical device executives directs the founding team of clinicians and engineers.

Seeking \$1.35M

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### Fischer Imaging



Fischer Imaging is focused on improving outcomes for cancer patients with advanced imaging. Our proprietary technology doubles the resolution and contrast of today's mammography using less than half the x-ray dose and removes the need for painful breast compression.

Seeking \$5M

### **Mdbackline**



Mdbackline is an automated, online system that provides virtual follow up care for patients after an office visit or procedure, asking how the patient is responding to treatment. Mdbackline shares response dependent learning material in the form of hand picked text snippets, articles, and videos, using complex standard of care protocols. Patients can also post their own questions.

Seeking \$1M

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### **ORHUB**



ORHUB is poised to be the first product to collect surgical data at the point of creation (the OR) and transform it into intelligent, actionable information—increasing efficiencies and profit for hospitals.

Seeking \$5M

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### **Cellgen**



Cellgen is developing an amplification free liquid biopsy platform that can detect cancer biomarkers and genetic mutations in a simple workflow that is faster and less expensive than existing, next generation sequencing based liquid biopsies

Seeking \$1.5M

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### **Spine Ovations**



SpineOvations, Inc. is a medical device company developing a novel, minimally invasive treatment for discogenic lower back pain based on a proprietary technology platform. SpineOvations was founded by well-known spinal surgeons and neurosurgeons and led by experienced executives in the life sciences. Our lead product DiscSeal™ is being developed to treat a common source of lower back pain, namely Internal Disc Disruption (IDD) and Degenerative Disc Disease (DDD). DiscSeal™ is specifically designed as a minimally invasive implant to address lower back pain and functionality by targeting key unmet needs: reduction of back pain, improvement in motion and mobility, delay or potentially avoid costly back surgery.

Seeking \$1M

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## ANDREW TECHNOLOGIES

### Andrew Technologies

Andrew Technologies LLC is an innovative medical technology company formed in 2007 to expand the use of its proprietary Tissue Liquefaction Technology™. TLT is a new energy source for surgery and is protected by 3 issued and effective U.S. patents and has received 6 FDA clearances on two commercialized medical devices. The initial application of TLT, licensed to Alcon, was launched as AquaLase® for cataract surgery in 2003. In 2013, the company launched HydraSolve®, FDA-cleared for both aesthetic body contouring and autologous fat transfer. Since early-2016, HydraSolve has been focused on fat transfer for breast cancer reconstruction.

Seeking \$20M

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### Harbor MedTech



Harbor MedTech, Inc., is a commercial-stage regenerative medicine company with a proprietary technology platform for best-in-class biologic medical devices offering superior performance at a much lower cost than existing products. Our patented BriDGE® technology is the only known tissue regeneration technology that actively recruits and stimulates the patient's own growth factors and immune system to accelerate healing and inhibit scar formation while preventing infections. Our BriDGE technology provided many opportunities for healing a broad array of serious soft tissue injuries and defects, including hernias, torn tendons, ligaments, nerves, and many other surgical repairs impacting the dermatology, general, orthopedic, and plastic surgery fields.

Seeking \$10M

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### ImmunogenX



Immunogenx®

ImmunogenX is a clinical-stage therapeutic and diagnostic company focused on celiac disease (CD). These represent unmet needs for a critical disease that is incurable, afflicts about 1% of the world's population, and incurs huge health costs. Our therapeutic solution latiglutenase is based on a proven mixture of digestive enzymes that degrades gluten proteins in the body. It has gone through several successful clinical trials and is poised to be first to market with revenue potential >\$1B/year. Our diagnostic CypCel is the only minimally-invasive method to monitor the state of health of the intestine in treated CD patients with the potential to address other gastrointestinal ailments.

Seeking \$7.5M

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### **I-V Access Technology**

I-V Access Technology, with Venaglide™ its line of short peripheral intravenous catheters, will disrupt the current status quo for peripheral intravenous access. The Venaglide™ addresses the issues routinely encountered by practitioners and patients associated with I.V. access. I-V Access Technology is a venture capital backed medical device development company, which is out to revolutionize intravenous access devices.

Seeking \$1.2M

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### **Oxygen Mobility**

Right Dose™, significantly improves supplemental oxygen delivery to patients based on their actual physiologic need, enabling greater physical activity and mobility leading to improved patient outcomes. A large clinical market exists, with over 30 Million patients on oxygen in the US, and new oxygen equipment sales of over 650,000 units per year. Independent testing of all currently available oxygen conservers for clinical use has revealed highly variable performance leading to poor patient oxygenation during exertion, thereby limiting a patient's ability to exercise. Have de-risked both clinical and regulatory issues.

Seeking \$1.2M

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### **PhageTech**

PhageTech's breakthrough bioconductive technology creates a new category of biosensors for blood and urine testing that is portable, instant and mobile, eliminating central labs with their complexity and cost. A single sensor can deliver dozens of test results at once for infectious diseases, cancers and other biomarkers. Cloud-based hosting eliminates the outside lab and provides fast, inexpensive results for patients and caregivers. Based on a totally new approach to diagnostic testing, its unique patent position allows it to enter virtually any market and application. PhageTech will build a business developing and delivering these biosensors to healthcare companies worldwide.

Seeking \$2.2M

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### **GermFalcon**



The GermFalcon is a patented sanitizing device that instantly kills infectious germs on surfaces and in surrounding air. Using only ultraviolet-C (UVC) light, the kind used in hospitals, this highly-effective device is mobile and compact — no larger than a flight attendant's food and beverage cart.

Seeking \$1M

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### **Perimeter Medical Imaging Inc.**



Ultra-high resolution intra-operative imaging systems providing clinicians with the real time ability to accurately assess tissue microstructures during surgical procedures.

Seeking \$17M

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### **Titan HST**



Titan Health & Security Technologies (Titan HST) is a patented platform that provides organizations and users with site-specific mobile & web based 2-way emergency communication. It reliably and redundantly allows users, administrators and law enforcement to instantly communicate emergency alerts, broadcasts & lockdowns, survey users for safety status and location and provide site-specific emergency materials. Titan HST integrates Privacy-by-Design. It also leverages next-gen technologies including Augmented Reality, Real-Time Translation, and Crowd Sourced Data to increase strategic emergency response capacity.

Seeking \$4M

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### **Bonti**



Bonti is a clinical stage biotechnology company developing a next generation neurotoxin for therapeutic and aesthetic indications for patients with unmet needs.

Seeking \$10M

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## Kenzen



Kenzen ECHO™ is a small, flexible patch that helps you better understand your physiology, Quietly measuring around the clock, receive personalized health insights and notifications to help improve performance, recovery and prevent injury. ECHO is based on groundbreaking technology developed for aerospace and medical research in Switzerland. By combining various sensor technologies and algorithms, ECHO provides real time feedback on performance, motion and vitals.

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## Pulse Inframe



Pulse Inframe is a private, cloud-based health care analytics company that allows physicians in an outpatient or specialty clinic to easily capture, organize, model, store and share detailed administrative and medical data with patients and other health care stakeholders through a secure, web-based application.

Seeking \$5M

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## Hepatiq, Inc



he HEPATIQ® test measures liver function. This is essential for therapy planning and predicting adverse outcomes including liver transplantation. HEPATIQ provides 3 indices of disease severity - PHM®, fSV® and fLV®. These indices identify patients at risk for future decompensation, and patients with adequate hepatic reserve who would have benign outcomes. Patients with low PHM have a 15-fold increase in risk for hepatic decompensation or liver-related death.

Seeking:\$1M

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## Moving Analytics



Moving Analytics provides Movn- a digital cardiac rehab and prevention program that is equivalent to center-based care, with 3x higher adoption at 1/5th of the cost.

Seeking Series Seed: \$1.2M

## AventoTech

AventoTech exists to develop top tier technology in order to improve and advance health care. Founded by several technology professionals, our mission is to improve lives through technology. Avento has developed a unique breast milk scanning system which is a comprehensive, customizable tool that is intuitive and user friendly. This competitively priced system requires minimal lead time for customization and staff education compared to other systems and has made compliance and safety easy to achieve and maintain.



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## Nicolette

Nicolette empowers patients fighting acute health battles with visual data technology paired with curated research and engagement tools. Our first product is called NicoBoard, a specialized tablet for parents with babies in the NICU. NicoBoard enables parents of all education levels and languages to quickly understand complex medical data so they can competently and confidently participate in their baby's healthcare decisions.



Seeking \$500K Seed

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## TinyKicks

Wearable, continuous fetal monitoring to ensure a healthy start. Fetal Kicks are the best way to monitor your baby's activity and can provide useful information to your medical team. The ACOG has accepted kicking counts as the standard for pregnant moms. The TinyKicks™ eMotion Fetal Activity Monitor is small and flexible (similar to a band aid) that you wear on your belly during your third trimester. It senses your baby kicks, and can separate the baby's kicks from your own movements.



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## Pinscriptive

Pinscriptive leverages Big Data analytics to identify the most clinically effective specialty medications at an optimal cost for individual patients. Pinscriptive will integrate real world data from EMRs, longitudinal claims data, bio marker, and patient UM & engagement data in both structured and unstructured format, via a set of proprietary algorithms to deliver specialty drug use and cost insights. Pinscriptive will make use of machine-learning and population analytics, leveraging existing knowledge and experience within the Frost Data Capital team.



## Companion Medical

Companion Medical is developing the world's first wirelessly-enabled insulin pen which brings many of the benefits of insulin pumps to the 93% of insulin using diabetics who cannot or will not use a pump. It combines a dose calculator, insulin-on-board display, and missed dose alarm with mobile applications for the wireless tracking of insulin therapy. By automating calculations and preventing insulin "stacking" (taking additional doses after sufficient insulin has already been administered but has not yet lowered blood glucose), Companion offers the patient increased safety and convenience, one of the greatest benefits of insulin pumps.



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## Wellth

For payers and risk-bearing providers seeking to reduce costs associated with suboptimal patient adherence, Wellth offers a way to increase cost-saving behaviors, care plan adherence, and outcomes, using financial incentives. Unlike other health apps, we tie incentives to each behavior, with a camera-based user experience that eliminates manual entry, to achieve real sustained behavior change.



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## Tagnos

Tagnos is an innovative patient experience solution that provides real-time mobile engagement service which goes far beyond patient and asset tracking. We have proven data that our hands-free, real-time smart location solution simplifies patient flow and improves patient experience, outcomes, procedure room utilization, and staff optimization.



## Mespere

Breakthrough Technology and Products in Patient Hemodynamic Monitoring. World's Only Commercial Products for non-invasive and continuous CVP and SvO2 monitoring. Mespere LifeSciences products are focused on the venous side rather than the arterial side. The arterial side is the oxygenated blood leaving the heart and the venous side is the deoxygenated blood returning to the heart. The arterial side is easy to detect because arteries have a strong pulse. Mespere LifeSciences has developed a technique to be able to detect the sensitive jugular venous pulse (JVP).



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## ZipDerm

A physician-driven AI platform for the personalized treatment of skin conditions. ZipDerm is offering an alternative option that can provide easy access to personalized care without the large expenditure in time or money. ZipDerm has an App that uses a patent-pending algorithm to analyze the user's skin and come back with a customized treatment regimen.



Seeking \$1M

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## MYnd Analytics

Psychiatric EEG Evaluation Registry, or PEER Online®, is a cloud-based platform which allows physicians to exchange outcome data referenced to their patients' neurophysiology. PEER Online is a service that allows physicians to compare and learn which medication treatments have been effective, and which have not been effective for their peers treating patients with similar brain patterns.



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## RepWatch

Improving healthcare outcomes through IoT solutions. Mission is to increase motivation by guiding personal recovery through education and data analysis. Committed to empowering individuals by bringing awareness through innovative technology solutions.



## Deton



Deton's Cough Collector enables physicians to treat lower respiratory infections effectively based on high-yield and diagnostic fast test results. Today physicians rely on empiric treatment because sputum-based tests are low-yield and slow. Sputum (or phlegm) is unobtainable in children and 20% of adults. It is contaminated and difficult-to-process. The Cough Collector non-invasively collects micron-sized infectious cough droplets from all patients, including those who cannot produce sputum. Our cough sample is also clean and easy-to-process. We have developed a prototype and obtained promising clinical data using \$750,000 from NIH. Next, we will finalize the design and obtain data for regulatory approvals.

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## Modulated Imaging



Identifying and treating wounds at an early stage improves patient outcomes and reduces costs. Measuring tissue oxygen saturation (StO<sub>2</sub>) is a critical indicator of tissue health and healing, but current measurement methods fall into two camps: (1) cheap and inaccurate or; (2) useful, but very expensive, with limited (1-2cm) coverage. The Ox-Imager addresses the shortcomings of existing technologies with a non-contact, light-based imaging system that "sees" deeper, is more accurate, and has a wider-field (>20cm) of measurement in real-time. These advantages can lead to early intervention, which reduces costs and increases patient quality-of-life.

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## Neural Analytics



Diseases and injuries of the brain are particularly catastrophic because they strike at our core self, changing who we are for the rest of our lives. These events affect both the young and the old; the healthy and the frail. We are all at risk. Neural Analytics is focused on applying data science to neuroscience. We utilize "big data" techniques to measure, diagnose and track brain health. Initially, we are targeting the \$17B global market for Traumatic Brain Injury (TBI) diagnosis with products that combine simple ultrasonic hardware with sophisticated data science and algorithms.

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## Soft Health Technologies

Soft Health Technologies was formed to commercialize Finess<sup>®</sup>, a novel, clinically proven device for female stress urinary incontinence, cleared by FDA for over-the-counter sale. Finess is a small, single use device comprised of a soft hydrophilic foam pad with a proprietary adhesive hydrogel on one surface. It is self-placed over the urethral opening. When an SUI episode occurs, unlike an absorbent pad, the hydrogel adhesive prevents urine from escaping the body. An initial financing was completed in May 2014, and in 2015, under a collaborative agreement with a Fortune 100 company, the Company commenced a limited commercial introduction of Finess.

Seeking \$3-5M

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## Spinal Singularity

Our first product, the Connected Catheter, is the first semi-permanent, minimally invasive, smart catheter system that alerts users when their bladder is full and allows them to drain their bladder without inserting additional catheters. The product is still in the prototyping phase and we expect to enter clinical trials in 2016. One Connected Catheter will replace as many as 200 disposable catheters.



## Velox Biosystems

Velox Biosystems is defining the future of rapid and sensitive culture-independent tests for cancer, drug-resistant pathogens, and infectious diseases. We have developed our patented platform technology, Integrated Comprehensive Droplet Digital Detection (IC3D), to selectively detect biomarkers of these diseases in milliliters of unprocessed blood with single-cell sensitivity using a one-step process that takes less than 60 min. Our products include the benchtop IC3D reader and a library of one-time use cartridges that contain the reagents required to run each test. Simply select the disease you want to test for, drop in your blood sample, push GO, and get your answer.

