Dear Bootcamp,

Part of the Step up-Scale up Competition you get to meet startups who are ready for their next step in scaling. The competition was open to everyone with these criteria:

1. Global and Sales Ready, with a couple of costumers
2. B2B Business Model
3. Technologies in Digital Health, and other sectors, who can adjust the solution quickly to the challenge
4. After (or during) initial funding
5. Using cloud system (Microsoft's or not)

The Challenges were presented by health organizations in Israel as well as in Europe. By solving one challenge the startup can impact multiple organizations:

1. **Transforming clinical data into insight and predictions**
    a. Handling, managing and integrating clinical data in compliance to security and regulation standard Shandling, managing and integrating clinical data in compliance to security and regulation standards
    b. Ingestion and integration of patient data into clinical care plans, process and tools
    c. Reducing data overload, and enabling access to complete and relevant information at the point of care
2. **Continuum of Care**
    a. Enabling data sharing between platforms and tools to support patient journey between providers
    b. Improving diagnosis, triage and planning care pathways and protocols
    c. Improving monitoring and care for recovery, chronic patients and rehabilitation
3. **Empowering the care provider**
    a. Improving experience with medical devices, apps and tools
    b. Improving care coordination and collaboration between providers
    c. Improving provider to patient interactions and communication

At this Demo-Day you will meet the technology companies that pass the 1st screening. At this stage you required to score the companies using Menti.com. The winner announce will take place at the Challenges Stage at the main event on Nov.27th.
Here below you have additional information about each company.

Good Luck
Israel Innovation Team

Healthcare Innovation Leaders Bootcamp

General Info

Company name: Effectivate
Company website: https://www.effectivate.org/
Full Name + Email: shai granot shai.g@effectivate.org

About the Company's solution

Short description: personalized memory training for ages 60+.
The training focuses on strengthening memory bases while learning memory strategies for everyday use. The exercises are adaptive and adapt to the user for the best results.

Challenge Continuum of Care
How does your solution answer the challenge? Effectivate focuses on solving the main issue that stems from cognitive deterioration-utilizing the proven benefits of cognitive training in halting the deterioration of cognitive skills such as memory and attention - thus helping both the healthy aging population and cognitive deteriorated diagnosed population to maintain productivity and quality of life.

Clinical rationale of your solution help the elderly population keep their quality of life by preserving their cognitive state and clarity. Both are parameters that will contribute to healthy aging while maintaining independence. this can lower adverse effects that go with cognitive decline.
with cognitive decline su
Clinical validation: No clinical validation to date, but clinical research is in pipeline with different HMO's and hospitals. we do have academic research that is still ongoing, but the results are still being processed.

About the product and technical information

Product stage Market
Product validation: Effectivate is in the midst of academic research - as part of our product's validation process
to scientifically measure the training's impact on the users' cognitive skills.
More clinical trials are in our pipeline, which will also look at more general gerontologic and everyday factors, including the management of disease and medication adherence.
On top of that, we have ongoing statistic analysis of our costumers' data, as collected in the training and in in-training assessments and see their progress and improvement. Currently, Effectivate has over 100 costumers, that provide us with data to test parameters such as response time, agility, training time, and percent of correct answers.
Specialty: Patient Engagement,Adherence/Compliance,Data Integration,Fitness/Wellness/Lifestyle
Core Tech Driver - What makes your product tick? AI/ML,Big Data/Analytics,Apps
Relevant IT requirements for operation: PC, Windows, Chrome browser

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Business model:

What is your business model? B2C
Business model status Initial customer traction
Please elaborate: Effectivate started selling its product in September 2019. As of today, our product is sold directly by the company. in the near future, we would like to also create partnerships with HMO's and sell the product as a B2B model.
Funding stage Round A

General Info

Company name: Selfit Medical
Company website: https://www.selfitmedical.com/
Full Name + Email: Shahar Figelman Shahar@selfitmedical.com

About the Company's solution

Short description: Selfit is a digital therapy and engagement startup for the aging population based on AI, AR, IoT and Neuroscience.

Challenge Continuum of Care
How does your solution answer the challenge? Weג€™ve developed a robot therapist/coach which monitors and engages with an elderly person, motivates him to exercise in order to retain or improve general health, brain functioning and cognitive skills. The solution is based on an intuitive personalized exercises program and data.
Our product works robustly throughout the cycle, from prevention and pre-care, to rehabilitation and home care.
Clinical rationale of your solution With the aging of the population, self-managed solutions are needed to streamline patient's therapy. We've developed state of the art solution which automates therapy and can ease and augment the work of a therapist as well as enables an independent care by the patient/person.
Clinical validation: Weג€™ve piloted our solution with the leading Wellington Hospital, UK and an additional rehab center in Poland, Nasza Klinika.
Both the UK and Poland pilots lasted for 2 months with great feedback regarding engagement/compliance/safety and clinical value.
We™€ג‎ve conducted a clinical trial with the Tel-Aviv Hospital (Ichilov) with 30 stroke patients. We™€ג‎ve demonstrated that we can reduce 20% of session time compares to control group and still keep better outcomes and higher self-efficacy and satisfaction from patients and therapists.
We™€ג‎re starting next month a paid pilot study with another hospital in Israel with cardiac patients (hospitals and home care use).
We™€ג‎ve started to work with a leading Swiss neuro-imaging researcher, Prof. Dragasnki with whom we™€ג‎re about to start several studies with aging population) Parkinson™€ג‎s, Dementia ·(

About the product and technical information

Product stage Market
Product validation: Our solution is based on common clinical workflows and objective clinical tests.
We™€ג‎ve made the interaction to be very intuitive and safe, for a therapist-free therapy as well.

Our sensory unit is currently based on Kinect camera (moving to Kinect Azure) and heart monitor, both are very accurate for the need.

Specialty: Patient Engagement,Decision Support,Adherence/Compliance,Telehealth,Predictive Analytics,Robotics,Monitoring/Sensors,Population Health Management,Fitness/Wellness/Lifestyle,Diagnostics

Core Tech Driver - What makes your product tick? Sensors,AR/VR,AI/ML,Cloud,Computer Vision/Imaging,NLP/Voice,Wearable,IOT,Big Data/Analytics,Apps,Hardware

Relevant IT requirements for operation: None at the moment

Business model:

What is your business model? B2B,Other

Business model status Initial customer traction

Please elaborate: We'v started sales with our close to market product. We don't have yet a regulatory approval but nevertheless we've manged to get interest from stakeholders like HMO's, Senior facilities, Pharma companies and home appliance companies.

Funding stage Round A

Healthcare Innovation Leaders Bootcamp

General Info

Company name: Peloton Health
Company website: https://www.portal.pelotoncare.com/#/
Full Name + Email: Yinon Amir yinon.amir@peloton-health.com

About the Company's solution

Short description: PelotonHealth is a person-centred integrated digital mental health engagement & recovery platform that augments existing care to enable effective collaboration and interventions, by using digital tools and artificial intelligence.
Challenge Continuum of Care
How does your solution answer the challenge? address challenges in mental health: Combination of engagement & digital interventions. Symptoms and relapse alerts, using artificial intelligence.
Continuum of Care - enhanced coordination & collaboration between the care service provider
Empowering the care provider - Enhanced access to care. Service delivery by digital tools for remote treatment, stigma overcome and improve the caseload
Clinical rationale of your solution Solution is addressing the most important factor of mental health recovery, which is the empowerment of individuals to engage and self manage their condition. With this in mind, the company set out to build a digital health ecosystem for and around the individual. Placing the individual at center.
Clinical validation: We have a clinical research team engaged to make the solution evidence based

About the product and technical information

Product stage Beta
Product validation: Our product is a digital therapeutics tool, not a diagnosis product, as such the regulatory path is more lean, in term of accuracy and safety.
as part of coming pilot projects we will conduct study and assessment to make the solution evidence based
Specialty: Patient Engagement,Infrastructure/Tools/Workflow,Decision Support,Adherence/Compliance,Data Integration,Predictive Analytics,Population Health Management
Core Tech Driver - What makes your product tick? AI/ML,Cloud,Wearable,Big Data/Analytics,Apps
Relevant IT requirements for operation: SaaS solution, no infrastructure need from health organization.
Web care (team) portal: all leading browser
Mobile App (patient facing): native iOS and Android

Business model:

What is your business model? B2B

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Business model status Initial customer traction
Please elaborate: Pilot with Lishma - 24 months, paid pilot.
Project with Meuhedet - SOW in negotiation, first 6 month platform usage are free, next 18 months are paid by usage. (per member per month)
Funding stage Pre-seed

General Info

Company name: Medivizor
Company website: medivizor.com
Full Name + Email: Tal Givoly tal@medivizor.com

About the Company's solution

Short description: Medivizor radically empowers patients by providing the latest, personally-relevant, medical science. Medivizor uses patented tech to mine medical literature, clinical trials, and more - and deliver summarized/understandable info to each individual.

Challenge Continuum of Care

How does your solution answer the challenge? Medivizor addresses all 3 challenges. Focusing on continuum of care - Medivizor helps support patients, caregivers, doctors, and their interactions by getting everybody on the same page with the latest, greatest, personally relevant information, to help them together navigate care decisions.

Clinical rationale of your solution Obviously, knowing the available options (including latest treatments, clinical trials, and more) with the latest evidence supporting them, is vital for informed decision making. Plus, the more engaged and empowered patients are, the better they fare, and the lower their care costs.

Clinical validation: We have information about patient satisfaction from our service (94%). We do not yet have results of studies related to outcome or costs.

About the product and technical information

Product stage Market

Product validation: Already helping nearly 200,000 subscribers/members. Distributed and endorsed by healthcare providers (e.g. NewYork-Presbyterian Hospital and Soroka) and patient-advocacy organizations (e.g. The Leukemia & Lymphoma Society and The Israeli Cancer Association).

Specialty: Patient Engagement,Decision Support,Adherence/Compliance,Telehealth,Personalized Medicine,Other

Core Tech Driver - What makes your product tick? AI/ML,Cloud,Big Data/Analytics

Relevant IT requirements for operation: HIPAA compliant as BAA to covered entities. Have near-ISO framework.

Business model:

What is your business model? B2B

Business model status Initial customer traction

Please elaborate: Medivizor provides a free, yet unique and invaluable service to consumers and monetizes by:

a) licensing content and technology to 3rd parties.

b) allowing biopharma to reach and engage hard-to-find patients on the platform.

Funding stage Seed

General Info

Company name: Beaconcure
Company website: www.beaconcure.com
Full Name + Email: Yoran Bar yoran@beaconcure.com

About the Company's solution

Short description: Text validation for clinical trial data prior to FDA submission. Developed with Pfizer as a design customer, now a paying customer ·
Reduces 50% + of Quality Control time allowing early release. Key Deliverable - validated Database for R&D insights!

Challenge Transforming clinical data into insight and predictions

How does your solution answer the challenge? By validating the clinical trial(s) data into one big database we enable the future querying of the data for multiple purposes (from R&D to regulatory to safety to marketing). We also offer accessibility to previously unreached data which was unparsed in old document formats. This enables to offer insight generation from a validated DB of the entire trial in an easy cost-effective manner

Clinical rationale of your solution Accurate validated data to support decisions.

Clinical validation:

About the product and technical information

Product stage Beta

Product validation: SAAS in production demonstrating F1 score of 0.9 see video here: https://www.youtube.com/watch?v=kag2mOw2Tj0&feature=youtu.be

Specialty: Infrastructure/Tools/Workflow,Data Integration,Other

Core Tech Driver - What makes your product tick? AI/ML,NLP/Voice,Big Data/Analytics

Relevant IT requirements for operation: As a SAAS we need:
Cloud services
An operating system yes
Database Yes
Browser- Yes

Business model:

What is your business model? B2B

Business model status Proven go-to market model

Please elaborate: We are first to the pharma market with 2 multinational customers and 4 more multinationals in the pipeline.

Funding stage Seed

General Info

Company name: MYOR Diagnostics Ltd.
Company website: myor.me
Full Name + Email: Inbal Kessler inbal@myor.me

About the Company's solution

Short description: Precision Infant Care is a paradigm-shifting approach to predict and prevent allergic conditions. By coupling advanced analytics and a noninvasive monitoring, we assess the risk of developing allergic conditions and offer customized preventive care.

Challenge Empowering the care provider

How does your solution answer the challenge? Our solution empowers care providers and their patients by providing important information and precision recommendations and potentially reduces future visits to the clinic. We do this in the days following birth with a minimal investment of time (2 minutes). By coupling risk assessment with prophylactic treatment, we ensure relevance and compliance.

Clinical rationale of your solution MyOR has integrated a plethora of risk factors of developing allergic conditions into a smart algorithm to assess the risk of developing these conditions. Our tool is complemented by a breakthrough and simple approach to restore the integrity of the skin barrier capable of reducing incidence by 50%.

Clinical validation: Two large international studies have highlighted the ability of skin barrier assessments to predict atopic dermatitis and food allergies. Two additional studies have shown the utility of skin barrier replacement therapy in the prevention of atopic dermatitis. We have built upon these achievements and have sharpened the predictive capabilities by adding additional risk factors to the risk calculation and honing in on an active immunomodulatory ingredient to complement the ingredients in the topical solution that provides skin barrier restoration therapy.

About the product and technical information

Product stage Market

Product validation: Our product is completely non-invasive and pain free. The sensor has received CE Class IIa Medical Device certification, and is currently undergoing FDA and MOH certification. Additional information is gleaned through a user-friendly app, and therefore is entirely safe. The accuracy of the integrated variables has been shown in numerous clinical trials. Clinical trials are underway to gather even more data, further strengthening the accuracy of our predictive algorithm.

Specialty: Decision Support,Data Integration,Predictive Analytics,Personalized Medicine,Monitoring/Sensors,Retail Health,Diagnostics

Core Tech Driver - What makes your product tick? Sensors,AI/ML,Cloud,Big Data/Analytics,Apps

Relevant IT requirements for operation: our prediction is done through a cloud-based algorithm. In addition, the clod is used to keep and access the data and allow ML improvements.

Moreover, the user interface is by desktop or tablet

Business model:
What is your business model? B2B
Business model status Initial customer traction
Please elaborate: Finalizing agreements and advance negotiations with key players - HMOs and retail pharmacies: 7/11(Thailand), Beingmate (China), FamilyCard (Mexico, USA, Ecuador, Guatemala), Clalit, Dr Anywhere (Singapore)

Funding stage Round B

General Info
Company name: DreaMed Diabetes
Company website: https://dreamed-diabetes.com/
Full Name + Email: Noy Ben Moyal noy.benmoyal@dreamed.ai

About the Company's solution
Short description: Advisor Pro is a smart decision support software system for optimizing insulin treatment, based on data from a glucometer and an insulin pump. By utilizing AI and Big-Data processing we allow better treatment that would improve care quality and lower A1C

Challenge Transforming clinical data into insight and predictions

How does your solution answer the challenge? Today, physicians need to analyze and possess large amounts of data in each patient visit in order to recommend the insulin titration for every hour during the day for this individual, this results in a huge data overload. By using AI and Big-Data analysis we are able to give a valid insulin treatment within seconds, reduce overload and integrate patient data into simple clinical care plans.

Clinical rationale of your solution There are 90M insulin dependent patients worldwide. Even though there is more technology, their glycemic control is getting worse. The amount of data that needs to be processed within a short meeting is tremendous and results in a waste of money, time and resources.

Clinical validation: The Advisor Pro solution is currently active in 3 clinics in the US: University of Florida, Tuscon endocrine associate, and AdventHealth Orlando treating and monitoring over 100 patients on the last two months .

In addition, we have accomplished several clinical studies demonstrating the effectiveness and strong value of the Advisor Pro software. These studies gave us two FDA clearances since they showed that the level of agreement between different physicians was the same as between physician and Advisor Pro recommendations. The Advisor Pro was proven to be non-inferior to physicians.

Two months ago, we have finished a multi-center multi-national randomized control study conducted in seven excellent endocrine centers in the US and EU including Joslin Diabetes Center, Yale University, Barbara Davis Diabetes Center in Denver, University of Florida with more than 100 patients. The satisfaction is great, and we are hoping to publish the results soon .

About the product and technical information
Product stage Market
Product validation: The Advisor Pro is considered as a class 2 medical device. It was FDA cleared for use with information from a Pump, continues glucose monitoring (CGM) and also self monitoring blood glucose (SMBG).
In addition, DreaMed Diabetes is ISO 27001, 2 compliant.

Specialty: Infrastructure/Tools/Workflow,Decision Support,Data Integration,Telehealth,Predictive Analytics,Personalized Medicine,Monitoring/Sensors,Diagnostics
Core Tech Driver - What makes your product tick? AI/ML,Cloud,IOT,Big Data/Analytics
Relevant IT requirements for operation:

Business model:

What is your business model? B2B
Business model status Initial customer traction
Please elaborate: Advisor Pro is currently sold in a b2b model to clinics around the US. The clinics pricing is based on active patients. Now, after gaining credibility from leading clinics (Yale, Howard, AdventHealth and more) we are willing to revolutionize the way insulin dependent patients get their treatment.
Funding stage Round B

General Info

Company name: MilkStrip
Company website: www.milkstrip.com
Full Name + Email: Avital Beck avital@milkstrip.com

About the Company's solution

Short description: MilkStripTMג€™sis a startup company that revolutionizes the way parents understand their familyג€™s health by our new affordable patented and easy-to-use home test strips that are analyzed by a userג€™s cellphone within 2 minutes.

Challenge Continuum of Care

How does your solution answer the challenge? We develop enzymatic test strips for breastmilk that analyze breastmilk composition. The test strips are scanned by a cellphone app that gives mothers dietary recommendations how to optimize her breastmilk and thus promote less colic, better sleep, and less deficits in her baby's nutrition.

Clinical rationale of your solution We detect that stored breastmilk remained safe for use and high bacterial load samples are not given. our products are designed to monitor levels of essential nutrients in breastmilk and reduce colic symptoms based on breastmilk composition.

Clinical validation: Me and my partner have PhDs in molecular biology from the Weizmann Institute of science.

About the product and technical information

Product stage Beta

Product validation: We have an external lab that audits our products. Our test strips are safe for use as they do not touch the baby or the mother.

Specialty: Infrastructure/Tools/Workflow,Data Integration,Predictive Analytics,Personalized Medicine,Retail Health,Fitness/Wellness/Lifestyle,Diagnostics

Core Tech Driver - What makes your product tick? Cloud,Computer Vision/Imaging,Big Data/Analytics,Apps

Relevant IT requirements for operation: We develop an app for IOS and android.

Business model:

What is your business model? B2C

Business model status Proven go-to market model

Please elaborate: Marketing strategy developed to piggy back of an existing established baby feeding brand in America ג€˜nanobebeג€™ owned by Gil Lemel (Director of MilkStrip).

Funding stage Round A

General Info

Company name: TikTalk
Company website: www.tiktalk.care
Full Name + Email: Shay Beyski shay@tiktalk.care

About the Company's solution

Short description: TIKTALK Utilizes Machine Learning and AI algorithms for the benefit of providing an intelligent and adaptive digital Therapeutic to the patients of the speech therapists.

Challenge Empowering the care provider

How does your solution answer the challenge? The product includes a multilingual speech recognition engine, specially designed video and audio games, enabling speech pathologists to supervise numerous patients and monitor their progress simultaneously.

Clinical rationale of your solution Accelerating speech therapy,Shorter & efficient treatment cycle,Enabling home practicing.

Clinical validation: Pilot took place at Macabi south region district, 21 SLP, 61 kids, average age 6 years old.
Highlights from the Clinicians feedback:
%100of the SLPs stated that the remote treatment was Efficient or Very efficient.
%80of the SPLs stated that the practicing frequency at home was High or Very high.
%90of the SLPs stated that they are Satisfied or Very much satisfied with the platform
Highlights from the patient™€ʌs parents feedback:
%96of the parents stated that the general experience of training was Positive or Very positive
%55of the parents stated that their child was to initiate the training session !
%90of the parents stated that their child is practicing more time with Tiktalk, than he was training without Tiktalk.

About the product and technical information

Product stage Market

Product validation: Pilot took place at Macabi south region district, 21 SLP, 61 kids, average age 6 years old.
Highlights from the Clinicians feedback:
%100of the SLPs stated that the remote treatment was Efficient or Very efficient.
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%90of the parents stated that their child is practicing more time with Tiktalk, than he was training without Tiktalk.

Specialty: Patient Engagement,Infrastructure/Tools/Workflow,Decision Support,Data Integration,Telehealth,Personalized Medicine,Monitoring/Sensors

Core Tech Driver - What makes your product tick? Sensors,AI/ML,Cloud,NLP/Voice,Big Data/Analytics,Apps,Hardware

Relevant IT requirements for operation: Cloud computing, AI, Machine learning ,Data base, Data integration, Intercepted communication, Android & IOS based tablet,Web applications.

Business model:

What is your business model? B2B

Business model status Initial customer traction

Please elaborate: in Israel we are approaching the local health care with licensing contract, in the USA the business model is privets clinics and agencies , license and revenue share.

Funding stage Round A

Healthcare Innovation Leaders Bootcamp

General Info
Company name: Montfort Brain Monitor
Company website: www.mon4t.com
Full Name + Email: Ziv Yekutieli ziv@mon4t.com

About the Company's solution
Short description: Montfort links between traditional neurology and modern technology. A smartphone based app combined with big data and AI, offers a continuous patient monitoring at the clinic and home, early detection, diagnostics, and treatment personalization.

Challenge Continuum of Care

How does your solution answer the challenge? EncephaLog app is first used at the clinic, supporting the subjective evaluation conducted by the physicians or accurate but expensive lab evaluation. The first evaluation is used for diagnostics. Then, the physician prescribes a home version of the app, with the needed tests. Indicators are collected from the patient's daily life, and fed back to the physician.

Clinical rationale of your solution First, we provide a digital version for existing tests, making the platform easier for adoption by physicians. Second, we provide biomarkers in medical terms which provide medical insight. Finally, we offer an holistic evaluation of Motor, Cognitive & Affective functions

Clinical validation: EncephaLog has been used in multiple clinical trials, in Israel, US, EU and Hong Kong. More than 20 physicians are using it, evaluating thousands of patients from 12 different disorders.

About the product and technical information
Product stage Market

Product validation: Our tests have been validated against standard medical devices, and against physicians' reports in several clinical trials. First test module are already cleared by the FDA. No safety concerns.

Specialty: Decision Support,Telehealth,Predictive Analytics,Personalized Medicine,Population Health Management,Diagnostics

Core Tech Driver - What makes your product tick? AI/ML,Cloud,Big Data/Analytics,Apps

Relevant IT requirements for operation: We operate on iOS and Android smartphones, use Azure for our backend.

Business model:
What is your business model? B2B

Business model status Initial customer traction

Please elaborate: We offer pay-per-test BM for hospitals, reducing test time and costs. We offer SaaS BM where our solution is embedded into our customer's product. We have initial

customer traction for both. We now start offering remote patient monitoring that is reimbursed by Medicare and Medicaid
Funding stage Round A

Healthcare Innovation Leaders Bootcamp

General Info

Company name: Serenus.AI
Company website: https://www.serenusai.com/
Full Name + Email: Hillary Orly Harel Hillary@serenusai.com

About the Company's solution

Short description: Serenus.AI (patent-pending) is an innovative AI-based platform developed to assist patients, professionals, health systems and insurers in making better medical decisions at critical crossroads, saving lives and valuable resources.

Challenge Transforming clinical data into insight and predictions
How does your solution answer the challenge? Recent studies reveal that a drastic number of medical errors occur at the post-diagnostic stage ·
Serenus.AI shall assist professionals within the organization to optimize their medical decision-making at post-diagnostic critical crossroads, improving patients outcomes and saving valuable resources.

Clinical rationale of your solution The innovative system uses unique algorithms that replicate the decision-making process of top and objective physicians, by combining the best and most updated medical practice, professionalsג€™ knowledge and machine learning technologies.

Clinical validation: There are various medical verticals for the Serenus solution. Serenus.AI focuses first on elective medical procedures and the company already developed 30 common medical procedures. The solution has been validated in practice with strategic partners in the healthcare field and the accuracy is very high ·

About the product and technical information

Product stage Market
Product validation: Serenus.AI has taken all necessary precautions in order to ensure the highest level of security and quality of care for all of its users.
Specialty: Decision Support
Core Tech Driver - What makes your product tick? AI/ML
Relevant IT requirements for operation:

Business model:

What is your business model? B2B
Business model status Proven go-to market model
Please elaborate: SaaS Licensing Model

Funding stage Round A

Healthcare Innovation Leaders Bootcamp

General Info

Company name: 2gether
Company website: http://www.2gether.fun
Full Name + Email: Roy Tal roy@2gether.fun

About the Company's solution

Short description: 2gether is a first of it's kind digital app that turns music into medicine for alzheimer's. 2gether supports caregivers of people living with Alzheimer's in their mission to take care of their loved ones.

Challenge Empowering the care provider

How does your solution answer the challenge? Caregivers for alzheimerג€™s starts from emotional support and helping with routine household tasks to providing care 24x7 and carrying out complex medical procedures. The burdens has a tremendous impact on the physical and mental health and financial and social situations of caregivers, as well as on their economic productivity.

Clinical rationale of your solution Treatment by listening to music that has an emotional connection to the patient's past may be more effective than passive listening to background music in relief of BPSD symptoms.
We'll find a negative correlation between the intensity of BPSD symptoms in the cohort group.

Clinical validation: we have 82% of the caregivers report feeling less fatigue, stressed and tension in their role as caregivers.
%91of the caregivers also reported that 2gether helped improve the quality of their mutual time with their alzheimer's family members.
on the patient side we have been reported 15% increase in the ability to remember visitors and 7% uprise in the ability to recall memories using the personalised music 2gether method.
we are also currently doing clinical trials in israel on BPSD factors using the 2gether app!

About the product and technical information

Product stage Market

Product validation: Over the last 18 months since launch, more than 100 day care centers, 9 nursing homes, 3 hospitals and 3000+ elderly people up to date have been enjoying 2gether service, a success that obviously reflects a need for this type of service.

Specialty: Patient Engagement,Infrastructure/Tools/Workflow,Telehealth,Personalized Medicine,Fitness/Wellness/Lifestyle

Core Tech Driver - What makes your product tick? Big Data/Analytics,Apps

Relevant IT requirements for operation: Every smart phone or tablet - makes it a scalable solution.

Business model:

What is your business model? B2B

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Business model status Proven go-to market model
Please elaborate: B2B - monthly subscription that provides license and headphone kits - starting from 200$ a month for 50 patients (nursing homes, hospitals, day care centers)
B2C - one-time life-time fee that provide a 2gether headphone kit and family license - Starting from 99$.
Funding stage Round A

General Info

Company name: OutSense
Company website:
https://outsense.co.il/?doing_wp_cron=1573550666.2530140876770019531250
Full Name + Email: Yaara Kapp-Barnea yaara@outsense.co.il

About the Company's solution

Short description: OutSense, is a novel system, embedded in a standard toilet seat, based on computer-vision and innovative AI algorithms, provide an autonomous continuance analysis of stool and urine. Thus, device can diagnose life-threatening events (e.g. CRC, IBD, etc.)

Challenge Transforming clinical data into insight and predictions

How does your solution answer the challenge? The OutSense sensor offer a new opportunity to collect and store vital physiological information embodied in our excretions and further analysis of life threatening condition by applying computer-vision algorithm and AI on the accumulated data-set. Our lab is the cloud.

Clinical rationale of your solution Colorectal Cancer (CRC) is one of the leading forms of deaths worldwide, and its burden is expected to increase by 60% to more than 2.2 million new cases and 1.1 million cancer deaths by 2030.
Existing tests for prevention and detection screening, require taking faecal sampling and lab processing

Clinical validation: OutSense clinical trials has already demonstrated to detect occult blood (1.5µl/gr stool) in an 85% of accuracy (1:1 FIT) -> 100% of success detecting CRC in 8 days period (8 samples).

About the product and technical information

Product stage Beta

Product validation: OutSense clinical trials has already demonstrated to detect occult blood (1.5µl/gr stool) in an 85% of accuracy (1:1 FIT) -> 100% of success detecting CRC in 8 days period (8 samples).

Specialty: Decision Support,Imaging,Personalized Medicine,Monitoring/Sensors,Retail Health,Fitness/Wellness/Lifestyle,Diagnostics

Core Tech Driver - What makes your product tick? Sensors,AI/ML,Cloud,Computer Vision/Imaging,IOT,Big Data/Analytics,Apps,Hardware

Relevant IT requirements for operation: The sensor sends data to the OutSense Cloud via Wi-Fi. The user recognition is performed by Bluetooth

Business model:

What is your business model? B2B,B2C,Other
Business model status Initial customer traction

Please elaborate: We have ~10,000 early adopter doctors from different countries willing to test and validate the product. 5 centres will take part (including large firms, dormitories and elderly homes). It includes medical centers of Key Opinion Leaders: Prof. Bernard Levin, etc.

Funding stage Round A

General Info

Company name: Montfort Brain Monitor
Company website: www.mon4t.com
Full Name + Email: Ziv Yekutieli ziv@mon4t.com

About the Company's solution

Short description: Montfort links between traditional neurology and modern technology. A smartphone based app combined with big data and AI, offers a continuous patient monitoring at the clinic and home, early detection, diagnostics, and treatment personalization.

Challenge Continuum of Care

How does your solution answer the challenge? EncephaLog app is first used at the clinic, supporting the subjective evaluation conducted by the physicians or accurate but expensive lab evaluation. The first evaluation is used for diagnostics. Then, the physician prescribes a home version of the app, with the needed tests. Indicators are collected from the patient's daily life, and fed back to the physician.

Clinical rationale of your solution First, we provide a digital version for existing tests, making the platform easier for adoption by physicians. Second, we provide biomarkers in medical terms which provide medical insight. Finally, we offer an holistic evaluation of Motor, Cognitive & Affective functions

Clinical validation: EncephaLog has been used in multiple clinical trials, in Israel, US, EU and Hong Kong. More than 20 physicians are using it, evaluating thousands of patients from 12 different disorders.

About the product and technical information

Product stage Market

Product validation: Our tests have been validated against standard medical devices, and against physicians' reports in several clinical trials. First test module are already cleared by the FDA. No safety concerns.

Specialty: Decision Support,Telehealth,Predictive Analytics,Personalized Medicine,Population Health Management,Diagnostics

Core Tech Driver - What makes your product tick? AI/ML,Cloud,Big Data/Analytics,Apps

Relevant IT requirements for operation: We operate on iOS and Android smartphones, use Azure for our backend.

Business model:

What is your business model? B2B

Business model status Initial customer traction

Please elaborate: We offer pay-per-test BM for hospitals, reducing test time and costs. We offer SaaS BM where our solution is embedded into our customer's product. We have initial

customer traction for both. We now start offering remote patient monitoring that is reimbursed by Medicare and Medicaid

Funding stage Round A

Healthcare Innovation Leaders Bootcamp

General Info

Company name: Freelates
Company website: www.freelates.com
Full Name + Email: Shelly Bar freelates.israel@gmail.com

About the Company's solution

Short description: We are creating personal and smart Pilates equipment training pods with a virtual instructor on screen.
The pods located in accessible spaces such as HMOs, Hospitals etc. The training is personalized according to the patients needs.
Challenge Continuum of Care
How does your solution answer the challenge? Our solution Improves monitoring and care for recovery, chronic patients and rehabilitation at the physiotherapy area by providing a virtual rehab Pilates equipment program in accessible way. patient enters one of our pods and start their personalized rehab program approved by their physiotherapist. the frequency and car progress is monitored by an app and accuracy of movements by an AI program.
Clinical rationale of your solution reduce queues for physiotherapists
verifying correct patient care
monitoring patient care
Clinical validation: 15 years as Pilates instructor and master trainer

About the product and technical information

Product stage Beta
Product validation: Our product is safe and easy to use
accuracy is measured by an AI program
Specialty: Patient Engagement,Monitoring/Sensors,Fitness/Wellness/Lifestyle
Core Tech Driver - What makes your product tick? AI/ML,Apps,Hardware
Relevant IT requirements for operation: An App, DB, google smart TV

Business model:

What is your business model? B2B,B2C
Business model status Initial customer traction
Please elaborate: We have 100 paying customer to an early version product
Funding stage Pre-seed

ISRAEL INNOVATION INSTITUTE

HealthIL Digital Health Community

General Info

Company name: OutSense
Company website:
https://outsense.co.il/?doing_wp_cron=1573550666.2530140876770019531250
Full Name + Email: Yaara Kapp-Barnea yaara@outsense.co.il

About the Company's solution

Short description: OutSense, is a novel system, embedded in a standard toilet seat, based on computer-vision and innovative AI algorithms, provide an autonomous continuance analysis of stool and urine. Thus, device can diagnose life-threatening events (e.g. CRC, IBD, etc.)

Challenge Transforming clinical data into insight and predictions

How does your solution answer the challenge? The OutSense sensor offer a new opportunity to collect and store vital physiological information embodied in our excretions and further analysis of life threatening condition by applying computer-vision algorithm and AI on the accumulated data-set. Our lab is the cloud.

Clinical rationale of your solution Colorectal Cancer (CRC) is one of the leading forms of deaths worldwide, and its burden is expected to increase by 60% to more than 2.2 million new cases and 1.1 million cancer deaths by 2030.

Existing tests for prevention and detection screening, require taking faecal sampling and lab processing

Clinical validation: OutSense clinical trials has already demonstrated to detect occult blood (1.5µl/gr stool) in an 85% of accuracy (1:1 FIT) -> 100% of success detecting CRC in 8 days period (8 samples).

About the product and technical information

Product stage Beta

Product validation: OutSense clinical trials has already demonstrated to detect occult blood (1.5µl/gr stool) in an 85% of accuracy (1:1 FIT) -> 100% of success detecting CRC in 8 days period (8 samples).

Specialty: Decision Support,Imaging,Personalized Medicine,Monitoring/Sensors,Retail Health,Fitness/Wellness/Lifestyle,Diagnostics

Core Tech Driver - What makes your product tick? Sensors,AI/ML,Cloud,Computer Vision/Imaging,IOT,Big Data/Analytics,Apps,Hardware

Relevant IT requirements for operation: The sensor sends data to the OutSense Cloud via Wi-Fi. The user recognition is performed by Bluetooth

Business model:

What is your business model? B2B,B2C,Other
Business model status Initial customer traction

Please elaborate: We have ~10,000 early adopter doctors from different countries willing to test and validate the product. 5 centres will take part (including large firms, dormitories and elderly homes). It includes medical centers of Key Opinion Leaders: Prof. Bernard Levin, etc.
Funding stage Round A

General Info

Company name:
Company website:
Full Name + Email:

About the Company's solution

Short description:
Challenge
How does your solution answer the challenge?
Clinical rationale of your solution
Clinical validation:

About the product and technical information

Product stage
Product validation:
Specialty:
Core Tech Driver - What makes your product tick?
Relevant IT requirements for operation:

Business model:

What is your business model?
Business model status
Please elaborate:
Funding stage

General Info

Company name:
Company website:
Full Name + Email:

About the Company's solution

Short description:
Challenge
How does your solution answer the challenge?
Clinical rationale of your solution
Clinical validation:

About the product and technical information

Product stage
Product validation:
Specialty:
Core Tech Driver - What makes your product tick?
Relevant IT requirements for operation:

Business model:

What is your business model?
Business model status
Please elaborate:
Funding stage

STEP UP–SCALE UP
Global Health Challenges Competition
DEMO DAY

Healthcare
Innovation
Leaders
Bootcamp

General Info

Company name:
Company website:
Full Name + Email:

About the Company's solution

Short description:
Challenge
How does your solution answer the challenge?
Clinical rationale of your solution
Clinical validation:

About the product and technical information

Product stage
Product validation:
Specialty:
Core Tech Driver - What makes your product tick?
Relevant IT requirements for operation:

Business model:

What is your business model?
Business model status
Please elaborate:
Funding stage

General Info

Company name:
Company website:
Full Name + Email:

About the Company's solution

Short description:
Challenge
How does your solution answer the challenge?
Clinical rationale of your solution
Clinical validation:

About the product and technical information

Product stage
Product validation:
Specialty:
Core Tech Driver - What makes your product tick?
Relevant IT requirements for operation:

Business model:

What is your business model?
Business model status
Please elaborate:
Funding stage