Company: MilagroAI

Website: www.milagroai.com

CoronaTech Category: Care at Home (Quarantine Care)

Company Brief:

The Milagro platform analyzes patient data in real time, including structured data such as monitoring data, laboratories, medication, etc.

The system performs real-time monitoring of corona patient data and allows for early detection of deterioration in condition, such as pulmonary sepsis. Early detection enables rapid treatment and prevention of further deterioration, thereby reducing the number of deaths from the disease.

The system's real-time monitoring capability for all patients allows for a reduction in the burden from the medical staff and a resource redirect for life-saving treatment, which is dramatically increased as the medical staff's infection rate increases along with the huge increase in the number of patients admitted.

Stage: Growth

Validation: Usability - my product can be deployed into existing workflows/processes

Regulation: Product does not require regulatory approval

Current Collaborations: Sheba

HealthIL Additional Notes:

- Analyze real-time patient raw data & textual data
- Clinical Language Understanding 95% accuracy
- EMR Integration – Epic, Allscripts, Chameleon
- Can quickly automate existing knowledge, and best practice algorithms and create new AI based algorithms
- Fully deployed at Sheba 100% accuracy – 18 months with more than 6000 ICU pts)
- Early identification for sepsis – blood infection (4-12 hour identification before clinical presentation at 92% accuracy)
- Relevant for extreme cases of Coronavirus – where mortality is from lung sepsis and septic shock
- Cash push results back through EMR or via secure message alerts
- On prem installation, HIPAA compliant
- 8-10 weeks to full integrate in a hospital. Can be ramped up to 3-4 weeks.

HealthIL Digital Health Community

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Harnessing Tech to Combat COVID

ISRAEL INNOVATION INSTITUTE   DIGITAL ISRAEL Ministry for Social Equality   Ministry of Economy and Industry   Israel Innovation Authority

Company: WinMed

Website: https://cleanslateuv.com/

CoronaTech Category: Operational Issues (logistics, supply chain, etc...)

Company Brief:

The average cell phone screen is 18x dirtier than a toilet seat.

CleanSlateUV - A Simple, Effective & Proven Solution for the sanitization of mobile phones and tablets in the hospital environment.

Effective for 99.99 of pathogens.

Has been tested via a 3rd party EPA certified lab (MicroChem Laboratories).

It takes only 20 seconds.

Stage: Established Company

Validation: Validation - my product shows expected results on a relevant target population

Regulation: CE MARK

Current Collaborations: None

HealthIL Additional Notes:

- Israel based – working with CleanSlate UV from NY
- Standalone "box" uses UV to sterilize cell phones – up to 99.99% of pathogens – within 20 seconds
- No FDA approval needed
- Tested/Proven via 3rd party lab
- Used in hospitals and healthcare settings
- 30 devices currently available – rollout to 100 by May

Company: Gynisus

Website: http://Gynisus.com (We upload these days a new website)

CoronaTech Category: Early diagnosis and detection of COVID-19

Company Brief:

Our company has a platform called SPAI. Through this platform, we provide predictions and Early diagnosis of varied complications. From the last week, we worked to expand our capabilities and provide a monitor for Early diagnosis and detection of COVID-19 for assessing exposure to Coronavirus (and other Infectious diseases) before diagnosis and specifically to medical staff and patients. We already activated this capability in one of the biggest Medical Center in NY.

Stage: First Customer to Multiple Customer

Validation: Not relevant - my product does not need clinical validation

Regulation: Product does not require regulatory approval

Current Collaborations: Deployed in hospitals in NYC - about to pilot with Kaiser Permanente

HealthIL Additional Notes:

- COVID-19 tracking tool for internal hospital use
- Once patient is confirmed as carrier, system pulls all historical info of where patient was within the hospital – pull via HL7 to EMR
- Uses time stamp and location of flagged patient to cross references with other patients to show DIRECT and INDIRECT exposure
- Relevant for both staff and patients
- Report issued twice a day to health org (head of epidemiology)
- Current integration with Allscripts, EPIC integration coming soon. Can also integrate with Chameleon (Israel)
- HIPAA compliant – all done on hospital servers
- Onboard system with a few days

Company: The Clinician

Website: https://covid19.theclinician.com/

CoronaTech Category: Early diagnosis and detection of COVID-19

Company Brief:

New Zealand-Singapore company, met the epidemic as early as December 19 when the patient-reported clinical outcomes infrastructure was already deployed in Singapore.

At the request of the Ministry of Health in Singapore for the deployment of monitoring infrastructure for the general population in general, especially those in hospitals and home isolation with suspicion of exposure (contacts) to the virus or verified patients in Corona.

This is a used for remote monitoring symptoms and patients, which helped to flatten the curve and prevent the collapse of the health system and the hospitals are fully functioning.

In addition, we assisted in reducing the arrival of chronically ill patients for inpatient beds (such as regular oncology patients)

Stage: Established Company

Validation: Validation - my product shows expected results on a relevant target population

Regulation: Product does not require regulatory approval

Current Collaborations: None

HealthIL Additional Notes:

- SMS or WhatsApp push survey to patients to monitor/assess COVID-19 exposure and risk – COVID-19 Symptom checker
- Pulls cell phone numbers from health org systems via CSV or HL7 upload
- No app needed – 80% response rate - English, Hebrew, Russian, Arabic supported
- Proven tech, deployed in Singapore, Australia, and New Zealand
- Full integration within 2 weeks
- Training is 1 day (online)
- Dynamic – adjust questions based on responses
- Alert mechanism to healthcare organization to find at-risk people in population
- Can be on cloud or on prem
- Dashboard for provider – potential for EMR integration as well

Company: bobe

Website: https://www.gobobe.com/

CoronaTech Category: Operational Issues (logistics, supply chain, etc...)

Company Brief:

Bobe is a community engagement platform for independent living and assistive living. Bobe is a very easy to use platform which suits both the residents and the staff members.

Bobe can limit contact with the residents but still provide them everything they need.

Residents can submit any request they need on a daily basis such as meals, maintenance requests, house cleaning requests, etc..

With bobe chat system and news feed the residents can still stay connected with each other and with the staff. Bobe allows management to share relevant information instantly with residents.

Stage: Pilot to First Paying Customer

Validation: Not relevant - my product does not need clinical validation

Regulation: Product does not require regulatory approval

Current Collaborations: Beit Yonah

HealthIL Additional Notes:

- Community engagement platform for OLD AGE HOMES
- For engagement, management, content management
- Allows to remotely manage members in an old age home
- English and Hebrew
- Remote onboarding as well
- Only a web portal is needed – mobile responsive
- Offering 60 day free trial to old age homes to help with Corona

Company: Materials Zone

Website: www.materials.zone

CoronaTech Category: Data and knowledge sharing within and between Health Organizations

Company Brief:

Materials.Zone provides a comprehensive data centralization tool for R&D efforts for institutions and academia as well as government offices. We can offer a standardization platform that can be accessed by multiple teams remotely to contribute and work off of sampling data and protocols in real time. The interoperability of the platform allows all data being collected for the labs and departments and in turn provide access to experiment data as its being conducted. The platform takes the data and provides comprehensive visualization models. We can work alongside additional provides to help standardize other processes as well.

Stage: Growth

Validation: Not relevant - my product does not need clinical validation

Regulation: Product does not require regulatory approval

Current Collaborations: Sheba

HealthIL Additional Notes:

- Central system of integration – consolidate/organize data
- Big Data overview to apply machine learning and AI to make predictions
- Just got funding – 20 million grant IIA, working with Sheba hospital
- Couple of days to hook up everything in the system – this is a cloud infrastructure.
- Sometimes use IOT devices, but typically integrate their cloud platform.
- HIPPA compatible – can be compliant. The org using it owns the data.
- Highly modular - share data as it is learned.
- This is ready to go and in production. They are fully running this.
- Hurdle – potentially the way the company stores their data, implementation and system set up is a matter of days – 2 weeks.

Company: WellBeat

Website: https://www.well-beat.com/

CoronaTech Category: Care at Home (Quarantine Care)

Company Brief:

Well-Beat E-health navigator that allows clients to adhere to a given treatment regime.

Improves health outcomes and reduces costs for the treatment of chronic conditions, including diabetes, medication adherence, cardiovascular disease and more

Comprehensive SaaS platform consisting of four main parts:

1) Client profiling to understand root causes of behavior & determine psychological barriers/drivers to adherence. 2) Caregiver toolbar that helps caregivers support clients through tailored communication strategies 3) Tracking, monitoring and alerting platform for long-lasting adherence. 4) Omnichannel engagement for tailored, personalized communications that drive results

System continuously monitors results and updates recommendations based on Artificial Intelligence / Machine Learning

Stage: Pilot to First Paying Customer

Validation: Reliability - my product shows consistent results in testing

Regulation: OTHER

Current Collaborations: Meuhedet, Sheba

HealthIL Additional Notes:

- Behavioral modification app to improve adherence – patient and caregiver facing app
- Initial survey form patient to create "baseline", follow up surveys to track if adhering
- Caregiver gets a "scale" of responses to give to the patient in order to nudge behavior
- Initial work with Sheba, upcoming trial with Meuhedet
- White labelled
- Not connected to healthcare systems at all – separate app.
- SaaS based – either cloud or on prem

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Harnessing Tech to Combat COVID

Company: Nistuu Technologies

Website: www.domedix.com

CoronaTech Category: Operational Issues (logistics, supply chain, etc...)

Company Brief:

Inflatable containment or isolation tents for use during hospital overflow scenarios where it is necessary to prevent the spread of coronavirus. These products allow a hospital to quickly deploy low cost containment facilities where critical and non-critical patients can be treated or quarantined to prevent infection within the hospital. Most typically these tents are installed in car parks in proximity to hospitals.

Stage: First Customer to Multiple Customer

Validation: Usability - my product can be deployed into existing workflows/processes

Regulation: Product does not require regulatory approval

Current Collaborations: None

HealthIL Additional Notes:

- Negative pressure tent with chamber inside to isolate Corona patients
- Temporary hospital room with beds, relevant equipment that can be installed
- 1 prototype available, but production out of China can produce up to 10-15 per day
- Not FDA approved, in process of getting C Mark
- Max 2 hours for complete set up – inflation plus water/electricity
- Patented and approved

Counter Corona
Harnessing Tech to Combat COVID

Company: PLAYWORK

Website: www.playwork.me

CoronaTech Category: Unique services for high-risk populations

Company Brief:

Smart interactive therapy ball allows patients in isolation to perform customized exercises tailored to their needs in order to maintain basic functions, allow continuity in therapy and help in solitude and boredom. The patients engage in physical activity by combining fun games designed for kids and seniors! What likely makes it the best available choice is the fact that the patient can use it independently and it is mobile, especially now with the coronavirus situation.

https://www.playwork.me/post/playball-help-for-people-in-isolation

Stage: First Customer to Multiple Customer

Validation: Safety - my product will not harm anybody

Regulation: CE MARK

Current Collaborations: Multiple

HealthIL Additional Notes:

- Platform for taking existing rehab solutions, and upgrading them to smart devices
- currently only smart exercise ball available
- Can give precise measurement of range of motion, force, performance through sensors – remote monitoring for physical/occupational therapist
- Onboarding – patient receives kit from PCP, and PCP can log into software to track patient.
- No training/installation.
- Pipeline of order. Order to production.
- Patient and DRs control data ownership -> later they will use big data to generate insights.

Company: 1) Witalize Ltd. - Beecardia Division 2) Witalize Ltd. - Cryptolize Division

Website: 1) www.beecardia.com 2) www.cryptolize.com

CoronaTech Category: Care at Home (Quarantine Care)

Company Brief:

Beecardia provides professional-quality, portable, affordable solutions for remote care. Platform includes 6-12 lead ECG devices, a spirometer, digital stethoscope, and other sensors that, when used with our mobile application and cloud-based portal, enable users to stream, record, upload, display and interpret biosignals. Beecardia is intended for remote medical services, homecare, including continuum of care for coronavirus survivors with residual damage of lungs, heart and other organs.

Beecardia solution is certified in Ukraine with about a thousand telemedicine kits in use by primary care and ambulance services

Stage: 1) Growth 2) Pilot to First Paying Customer

Validation: 1) Validation - my product shows expected results on a relevant target population 2) Not relevant - my product does not need clinical validation

Regulation: 1) OTHER 2) Product does not require regulatory approval

Current Collaborations: None

HealthIL Additional Notes:

- Modular remote care "kit" with multiple add-ons for respiration/ECG/o2/cardiac biomarker
- PCP connect via we portal to see patient info
- Connect medical devices to table or smartphone
- Ukraine regulations met
- Not yet FDA/C approved
- Quick onboarding – 15 minutes of training
- Limited supply but can create more in ~3 months
- Data is stored and protected

Company: Ment.io

Website: Www.ment.io

CoronaTech Category: Communication of care (internal and external)

Company Brief:

"Smart discussion" tool for experts with analytics to accelerate human collaborative research – including in dealing with COVID-19

Stage: Growth

Validation: Not relevant - my product does not need clinical validation

Regulation: Product does not require regulatory approval

Current Collaborations: None

HealthIL Additional Notes:

- Open knowledge sharing platform using NLP built on structured discussion mainframe
- Adds meta data on relevant tag clouds, pattern recognition, group think, etc...
- Supports any language
- Integration with Microsoft teams, most email services, and also standalone web portal
- Immediately deployable.
- Could be useful as knowledge sharing platform between health orgs at region/national level
- Requires user interaction and moderation - self generated content

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Company: SinuSafe Medical

Website: www.sinusafe.com/

CoronaTech Category: Administration of Care (triage, clinical usage, provision of care, etc...)

Company Brief:

A disposable, minimal invasive (via nostil) sinus irrigation device for sampling, disinfecting & inoculating the sinuses, to reduce/ eliminate development of Coronavirus complications, especially in the ICU (may eliminate the development of pneumonia). FDA Cleared (Class I). Passed successful small clinical trial in Hillel Yaffe with Prof. Braverman & his team (17pts.). Just initiated US pilot, targeting chronic patients.

Stage: Pilot to First Paying Customer

Validation: Usability - my product can be deployed into existing workflows/processes

Regulation: FDA

Current Collaborations: None

HealthIL Additional Notes:

- Nasal device for Acute sinusitis – sold in US
- Syringe-like device inserted through the nose into the sinuses to irrigate sinuses and drain abscesses non-invasively
- 100 units ready, up to ~1000 within 2-3 months.
- Disposable
- Training requires 2-3
- FDA registered, Class 1, currently using it in US
- Use in the ICU and ENT practices

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Harnessing Tech to Combat COVID

ISRAEL INNOVATION INSTITUTE DIGITAL ISRAEL Ministry for Social Equality Ministry of Economy and Industry Israel Innovation Authority

Company: Rezilient

Website: https://rezilient.co/

CoronaTech Category: Wellbeing and Mental Health

Company Brief:

Rezilient monitors and assesses physiological and self-reported parameters of family caregivers, learns lifestyle preferences and predicts family caregiver burden. Our coaching program keeps caregivers on track, in order to provide better patient care, maintain work productivity and avoid the long-term physical and emotional decline associated with caregiving.

Stage: MVP to Pilot

Validation: Not relevant - my product does not need clinical validation

Regulation: Product does not require regulatory approval

Current Collaborations: None

HealthIL Additional Notes:

- App for Emotional support and guidance for at-home caregivers
- Program is fully developed. App will go live in a week or 2 in English.
- 8 week coaching program that provides caregiver with awareness and concrete tools to help them manage and reduce burnout
- Emotional coaching program with content, videos and live coaching
- Can be standalone, or implemented within an organization
- Not specific to COVID-19, but can offer general mental/wellbeing help for staff and/or caregivers

Company: diagnostics.ai

Website: http://diagnostics.ai

CoronaTech Category: Early diagnosis and detection of COVID-19

Company Brief:

Automating analysis and resulting for pcr.ai - ensuring standardisation and accuracy.

Enables overcoming bottlenecks of lack of available trained scientists to run Covid (and other) tests whilst enabling real-time tracking of data.

Stage: First Customer to Multiple Customer

Validation: Usability - my product can be deployed into existing workflows/processes

Regulation: Product does not require regulatory approval

Current Collaborations: Already processing Covid-19 (and other) tests King's College Hospital London NHS, CLIA Labs

HealthIL Additional Notes:

- • Commercialized AI throughput tool for PCR reading
- • Processing PCR files as input, cloud only solution
- • Labs are responsible for regulation, so do not necessarily need FDA or C Mark – need ISO and CIVD instead
- • GDPR and HIPAA compliant
- • Deployable – working already with NHS at Kings College in London
- • Very quick onboarding
- • Can work with multiple PCR hardware vendors

CounterCorona

Harnessing Tech to Combat COVID

Company: Oxitone Medical

Website: www.oxitone.com

CoronaTech Category: Care at Home (Quarantine Care)

Company Brief:

Wrist wearable for pulse oximetry and vitals. Remote monitoring of baseline health under quarantine. This hospital-grade monitor could make it so that one nurse could monitor the health of 1,000 residence from the safety of her office. Medical intelligent component would timely catch up with declining health and create smart alerts (even during the night, while people slept).

Stage: First Customer to Multiple Customer

Validation: Usability - my product can be deployed into existing workflows/processes

Regulation: FDA

Current Collaborations: Clalit (Israel), BWH (USA), Cigna (USA)

HealthIL Additional Notes:

- Good for patient monitoring of deterioration
- Standalone web portal – SaaS
- No EMR integration,
- FDA approval for Pulse Ox, plus medical grate HRV, body temp, etc.
- Currently ~40 supply, possibly up to ~100 in short time frame
- Alerting mechanism based on threshold as inputted by caregiver. Alerts can be over SMS/email/etc --- threshold needs to be adjusted for COVID
- Deployment requires "training patient" and then releasing them to home

Company: Vayyar Imaging

Website: https://vayyar.com/home

CoronaTech Category: Unique services for high-risk populations

Company Brief:

Vayyar Imaging has developed the Walabot HOME, a wall-mounted safety device with sensors based on radio wave technology to create a 4D real-time image that tracks, displays and evaluates everything that happens in the senior's home or senior care facility. Vayyar's technology immediately and automatically notifies emergency responders in the event of a fall. With the Walabot HOME, seniors are monitored without using pendants, wearables or cameras at any weather condition; dark, steam or even smoke. Presence and fall detection. Once installed on the wall, it automatically scans the environment and monitors patients 24/7. Information can be displayed on a real-time dashboard tracking activity throughout a hospital providing simultaneous visibility of location, activity levels, and vital signs. https://www.youtube.com/watch?v=lM5cXSjk8-s"

Stage: Growth

Validation: Not relevant - my product does not need clinical validation

Regulation: CE MARK

Current Collaborations: None

HealthIL Additional Notes:

- Imaging sensors – hardware and software, can also check for respiration monitoring to see chest movement
- Device mounts on the wall, and connects to power. 4 caregivers or emergency numbers can be alerted and called via device.
- Requires Wi-Fi
- Detects falls, and determines if patient needs further assistance
- Easy to install and operate, can have general dashboard of all rooms
- Isolated senior safety
- Deployed in Europe, with CE Mark No FDA Needed.
- Partner uses their own cloud for data
- Can produce over 1000 in a week in China and the US
- Currently not available in Israel pending approval of radio frequency use in Israel – but this should change soon

Company: Treebute.io

Website: www.treebute.io/home

CoronaTech Category: Data and knowledge sharing within and between Health Organizations

Company Brief:

Our AI platform is a powerful NLP based engine for matchmaking in the scientific / technical domain. We offer to augment the impact of your work (HealthIL & your partners), by making the mutual discovery of providers / solutions / requirements much more effective, as well as offer the network our search capabilities into the rest of the world.

Stage: First Customer to Multiple Customer

Validation: Not relevant - my product does not need clinical validation

Regulation: Product does not require regulatory approval

Current Collaborations: MaRS Innovation (TIAP)

HealthIL Additional Notes:

- Knowledge exchange platform
- Scrape/search/index of all public research papers – including most recent COVID papers
- Can be used now if needed, platform available
- Search is via the researcher, the topic, etc…
- Recommended but not tied to specific challenge

Company: Biobeat Technologies Ltd.

Website: www.bio-beat.com

CoronaTech Category: Care at Home (Quarantine Care)

Company Brief:

We have a wearable, wireless, non-invasive monitoring patch that collects 16 vital signs. Sensor automatically transmits the data to the health care provider in real-time, reducing the need for close contact between patients and health care providers. The data is collected in several different rates which can be defined by the provider, and there are alert limits for each of the collected parameters. The data can be integrated into an advanced early warning score system. We have regulatory approvals including FDA clearance, CE Mark and AMAR.

Stage: Growth

Validation: Usability - my product can be deployed into existing workflows/processes

Regulation: FDA, AMAR

Current Collaborations: US DHHS, 15 hospitals across Israel

HealthIL Additional Notes:

- Biomarker sensor attached to person with "sticker.
- Disposable sensor – works up to 5 days.
- End-to-end platform over Bluetooth and wifi
- Tech is based on optical technology – 15 different vital signs – gathered automatically and transmitted (also 1 lead ECG
- PCP can set thresholds.
- Several hundred already deployed in 14 hospitals in Israel – currently used to monitor corona pts
- FDA clearance for 3 of measurements, C-mark, Australian clearance & Amar in Israel. HIPPA compliant
- Data is completely unidentified. Only HCP hold the personal data – collect data into a cloud – and then transmit to HCP phones/nursing station/laptop/ tablet etc
- Training provided directly or through teleconference and takes less than 30 minutes
- Currently only provider facing web portal – no app and NOT integrated to EMR
- API available if needed

Company: Binah.ai

Website: https://www.binah.ai/industry-digital-health-covid-19/

CoronaTech Category: Care at Home (Quarantine Care)

Company Brief:

Binah.ai offers an AI-powered app that can monitor vital signs like Oxygen Saturation (SpO2), Respiration Rate, Heart Rate, HRV and Mental Stress - FROM REMOTE, USING ONLY A SMARTPHONE CAMERA

Stage: Growth

Validation: Validation - my product shows expected results on a relevant target population

Regulation: Not yet - working on it

Current Collaborations: Unknown

HealthIL Additional Notes:

- Smart phone app to detect vital signs in 2 min – patient looks at camera
- HRV, 02, RR, Mental stress, BP (will have in 2 weeks), temp (end of year goal)
- Initial clinical validation completed – claim 97-99% accurate
- Useful for COVID-19 – remote monitoring, trends
- Software developer kit (SDK) available for health orgs to integrate and link to EMR
- 1-3 weeks to integrate, White label available
- Important, NOT YET FDA APPROVED, expected PDMA by Q1 2021
- HIPPA in process
- Ready to deploy for health orgs who are willing to test non-approved products

Company: Coala Life

Website: www.coalalife.com/us

CoronaTech Category: Operational Issues (logistics, supply chain, etc...)

Company Brief:

Coala Life is a Swedish medical device company offering the only patch-free Remote Heart Monitoring system that provides real-time diagnostic-quality ECG analysis and remote stethoscope capabilities and to the patient and healthcare provider.

Digital solution with device and cloud-based system ideal to monitor patients in the home. CE, FDA cleared and used by thousands of patients. Ideal for high-risk patients, keeping them at home, and without limits in time or use.

System used by many healthcare providers in Sweden, US, Germany and the Netherlands

Stage: Established Company

Validation: Usability - my product can be deployed into existing workflows/processes

Regulation: OTHER

Current Collaborations: 250 healthcare providers, none in Israel

HealthIL Additional Notes:

- Patient-at-home remote cardiology tool (remote ECG than lung function tests) with real-time results delivered to the patient via an app and physician via a web portal
- Allows for the continuum of care during the covid19 crisis
- Detects arrhythmias, brady/tachycardia
- Respiration function requires 2nd person for usage on the back of the patient
- Patient receives an alert, physician doesn't (data goes to web portal)
- Typically patient receives device in post, uses for 10 days, returns to Coala for quarantine and sterilization
- Clinical evidence generated, FDA & CE approved. HIPAA-compliant – including for respiration functions
- 1000s deployed in Sweden, 100s in USA
- Can manufacture 1000/month, possibly 2000/month. Have an inventory of 3000.
- Healthcare system should have a video platform available for full integration
- Does NOT have alert mechanism for care provider
- Sweden based company

Company: Montfort Brain Monitor

Website: www.mon4t.com

CoronaTech Category: Unique services for high-risk populations

Company Brief:

Montfort allows remote patient monitoring of patients who suffer from neurological disorders. The patient is using an app that performs standard medical tests, covering motor and cognitive functions, the physician gets the results through a web portal, accessible at anytime from anywhere.

Stage: 1) 2 - Pilot to First Paying Customer 2) 9 - First Customer to Multiple Customer 3) 11 - First Customer to Multiple Customer

Validation: Validation - my product shows expected results on a relevant target population

Regulation: FDA

Current Collaborations: Multiple

HealthIL Additional Notes:

- Remote monitoring of Neuro disorders – good high-risk population that requires frequent clinical visits.
- Smartphone APP and web portal for care provider
- Clinics/PCP can Evaluate patients and send prescriptions via email/text through app
- App installs/configures itself to prescription/indication. Prescribed checklists
- Does not require any extra hardware
- Clinic version used for over 2 years in Israel, US, Germany, China. Home version is deployed in China, Italy, and the US.
- Published/validated in journals. FDA Approval for most of the tests (
- Quick training and intuitive instructions – supports many language with technical support as well
- Set up in 48 hours for new language.
- 30 min to 1 hour Skype instruction for PCP
- Data through their server, HIPPA compliant. Every institution has access to their own
- Standalone product – not integrated with EMR or other health org systems.
- No specific COVID-19 use case yet, but general uses could be relevant for at risk populations

Company: G-Med

Website: https://www.g-med.com/

CoronaTech Category: Data and knowledge sharing within and between Health Organizations

Company Brief:

G-Med is the largest global physicians only community, reaching over 1 million verified physicians from more than 120 countries and 100 specialties.

Our medical crowdsourcing platform enables physicians from all over the world to talk real-world medicine, collaborate together to solve patient cases, and earn honorarium from surveys and market research.

G-Med's members are connecting daily with local and global KOLs, participate in online educational activities, use peer-to-peer consultations to solve clinical dilemmas and get answers from verified physicians in the relevant specialty, thus using the power of the global medical community to shorten the diagnostic time and improve healthcare.

Stage: Growth

Validation: Not relevant - my product does not need clinical validation

Regulation: Product does not require regulatory approval

Current Collaborations: None

HealthIL Additional Notes:

- Closed social network portal for Physicians only
- Platform for collaboration, knowledge sharing, best practices
- Strict approval of doctors
- 120 nations, over 1M users
- COVID-19 already an active topic with lots of relevant content

Company: RadLogics

Website: http://www.radlogics.com/

CoronaTech Category: Early diagnosis and detection of COVID-19

Company Brief:

Computer Vision for CT scanners. This is a throughput tool for radiologists to speed up COVID-19 detection via automated detection in CT

Stage: Growth

Validation: Usability - my product can be deployed into existing workflows/processes

Regulation: FDA - in fast-track process of FDA for COVID-19

Current Collaborations: Milan, Moscow deployment for COVID-19

HealthIL Additional Notes:

- CT Analysis for COVID-19, to supplement PCR readings.
- his is a throughput tool for radiologists to speed up COVID-19 detection over CT.
- They are fast tracking FDA approval, already being implemented in Milan and Russia.
- Can be deployed immediately – software only
- FDA approval for COVID-19 detection should be ready very soon

Company: HandiScan

Website: www.handinscan.com

CoronaTech Category: Public guidance and preventive healthcare

Company Brief:

HandInScan developed a Total Quality Management solution that employs portable digital measurement stations and optimized training tools for monitoring and report on hand hygiene. The core of this technology is digital imaging combined with proprietary software technology to create objective assessment on the quality of hand hygiene. It has been proven that the application of the HandInScan management system fosters continuous quality improvement.

Stage: Growth

Validation: Usability - my product can be deployed into existing workflows/processes

Regulation: CE MARK

Current Collaborations: Member of WHO's POPS group, members of EIT Health (part of the Bridgehead 2020 program), collaborating with numerous teaching hospitals across the world (AKH, HUG, Charité, SemmelweisU, etc).

HealthIL Additional Notes:

- Portable device for Quality Assurance of hand hygiene
- Scans hands to "double check" – monitors quality of washing hands
- Reports on quality – can track different departments to see where hand hygiene is lacking
- CE Mark
- Deployed already in 18 countries across Europe
- Quick onboarding – effectively plug&play
- Can manufacture 2-3 per day and distribute to Israel and rest of Europe

Company: Sirenum Ltd

Website: www.sirenum.com

CoronaTech Category:

Company Brief:

Our platform powers workforce management for shift workers in complex workplaces, especially in times of crisis. We dramatically simplify scheduling, monitoring, and payment (where relevant) of nurses, doctors, and others in hospitals and clinics. We also have a product called SirenumGo built specifically to facilitate volunteer management in an emergency environment, making it easier to leverage volunteers to assist on the front lines, freeing medical personnel to focus on their work.

Stage: Growth

Validation: Not relevant - my product does not need clinical validation

Regulation: Product does not require regulatory approval

Current Collaborations:

HealthIL Additional Notes:

- Dynamic Shift Scheduling software
- Useful for peak/surge and volunteers for health orgs
- Manage shift roster by smart matching and rules
- Deployed in NHS currently to manage surge workers for Corona
- Onboarding includes inputting staff record, or using plug in to input, plus remote training and implementation

Company: HeraMed

Website: www.hera-med.com

CoronaTech Category:

Company Brief:

HeraMed offers a medically accurate, CE & FDA certified, scientifically optimized, Cloud enabled, fetal heartbeat monitor for home use.

• Very wide and hypersensitive ultra-sound beam.

• Smart phone APP provides step-by-step guided search

• Cross talk elimination maternal / fetal heart rate

The HeraCARE solution is a fully integrated in-home holistic pregnancy management platform comprised of state-of- the-art technology specifically engineered to offer accurate medical data collection, prenatal assessment and an interactive dashboard.

Stage: Established Company

Validation: Usability - my product can be deployed into existing workflows/processes

Regulation: CE-class2a

FDA 510. Usage under

Amar,

MOH (India)

TGA (Australia)

Current Collaborations: Deployed in Brazil, Mayo Clinic

HealthIL Additional Notes:
- 3 product lines
- Remote ultrasound – Gold Standard clinically validated – remote doppler – can isolate the baby from the mother – FDA and CE approval (for consumer – home use for high risk and low risk)
- Deployed in Brazil
- Device and App – app guides the user
- Cloud services and Web app for remote management for care provider – or user can share via email or whatsapp
- HeraCare platform:
- 800 units available, 250 in Israel.
- Production can be ramped up

CounterCorona

Harnessing Tech to Combat COVID

Company: Pando Health

Website: https://hellopando.com/

CoronaTech Category:

Company Brief:

Pando is a secure, real-time communications platform for healthcare professionals, being used to coordinate the COVID-19 response across more than 250 healthcare organisations.

Stage: Growth

Validation: Usability - my product can be deployed into existing workflows/processes

Regulation: Product does not require regulatory approval

Current Collaborations: NHS (>200 hospital trusts and commissioning groups)

UK Ministry of Defence

UK Private Pharmacies

HSE Ireland

HealthIL Additional Notes:

- Secured communication platform for healthcare professionals only - London Based company
- Focused on knowledge sharing and information dissemination between health organizations and health workforce
- White-list and invite only security – can share patient info and photos
- Standalone App plus web portal dashboard
- Hierarchies, categories, groups, tags, chat etc…
- Real time "directory" of who is online and available
- Effectively Slack for health organizations
- Deployable now – used by over 45K health professionals in the UK (250 NHS hospitals)
- COVID-19 use cases: good for both clinical updates/knowledge sharing and operational as well
- English only platform and app, but chat/text can be in any language