

# TeXchange 2020

# Healthcare Innovation

3-6 February, UK



British Embassy  
Israel



## British Embassy Israel

Dear Partners,

Welcome to the UK Israel Tech Hub's annual flagship programme - TeXchange, this year focusing on Healthcare Innovation.



The British government has defined healthcare as one of the most important areas for investment and focus, and 2019 saw the creation of NHSX, the world's largest digital health initiative. The UK's National Health Service is a national treasure – at 72 years old it remains the largest healthcare provider in the world, responsible for more than 60 million patients. Government is investing heavily in research, capacity building and progressive regulations, all aimed at making the British healthcare sector among the most innovative and effective in the world and ensuring British healthcare is equipped for the 21st century.

Israel's world-leading capabilities in areas such as biotechnology, big data analytics, AI and computer vision make it an ideal partner for the UK's thriving healthcare industry.

We at the British Embassy Israel are working hard to build tech partnerships between the UK and Israel. I am proud of the work being done by the Embassy teams to bring together the right people from both sides, delivering value to the British economy and enriching the relationship between the two countries.

I wish everyone involved in TeXchange 2020 a successful and rewarding week, and I look forward to seeing strong and fruitful partnerships evolve as a result.

**Neil Wigan, OBE**

British Ambassador to Israel

## Welcome from the Tech Hub

We're excited to welcome you to TeXchange 2020: Healthcare Innovation - the sixth cohort of the UK Israel Tech Hub's annual flagship programme. TeXchange encompasses everything the Hub set out to do. Founded by the British government in 2011 as a pilot programme to experiment new models of commercial diplomacy, the UK Israel Tech Hub has been successfully contributing to economic growth in the UK by allowing British companies to be ahead of the curve in scouting for Israel's groundbreaking technologies.

Alongside 10 fantastic Israeli startups we are proud to include in this year's TeXchange four companies from the new array of Hubs supported by DCMS, forming the International Tech Hub Network. Startups from each of India, Kenya, Nigeria and South Africa are joining the Israeli group for an immersive week of business meetings and networking with our UK partners, showcasing their innovation and offering solutions to the most crucial needs of the UK's healthcare sector.

The goal is to create a pipeline of cutting edge innovation into the British economy. We expect TeXchange 2020: Healthcare Innovation to generate tremendous interest in both the UK and Israel, resulting in impactful win-win partnerships between the participants. Best of luck for a successful delegation to our Israeli and Hub Network companies as well as to our UK partners in doing business together.



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## Healthcare Innovation

Globally, the healthcare industry is at a tipping point where the delivery of the healthcare, medicines and therapies of the future will require a host of extra technologies and support services to ensure that patients get the most value from their medicine. This presents an incredible opportunity to innovate with digital technologies right across the patient journey to ensure that the best outcomes are realised. At the same time, we cannot focus only on the exciting, cutting-edge technologies to deliver tomorrow's world, today; solutions to everyday problems are also required, and appointment scheduling, shift management, and interoperability remain significant burdens.

The use of data is key. Early diagnosis is crucial, especially with rare diseases and cancers, to ensure patients get the right medicines at the appropriate time, and tools such as AI and machine learning are essential for converting these data into actionable insights. As people become more involved with their own healthcare and work to understand their own needs, connected devices and the connected-home space can provide an opportunity to better understand patients. How people adhere to their medications, turn up for medical procedures or even just behave in their daily life and deviate from routines is valuable information, whether diagnosing dementia or keeping people healthy. Driving continuous innovation is essential, creating a viable ecosystem and collaborating wherever innovations may come from, be it academia, startups or corporations, in the UK, Israel or elsewhere.

Israel is a world-leading source for core technologies required to realise healthcare frameworks – Israeli tech has already proven its dominance in AI, computer vision, big data analytics and predictive analytics, to name but a few. Based on its expertise in the building blocks of the new and future world of medicine, Israel is becoming an ideal candidate to advance healthcare.

The combination of British industry expertise with Israeli technological prowess can create a compelling value proposition. I wish all participants of TeXchange 2020 a successful week.



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# binah.ai

CONTACTLESS, VIDEO-BASED  
VITAL SIGNS MONITORING



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Binah.ai offers ready-to-use, AI-powered Digital Healthcare applications based on contactless, video-only vital signs measurements. Its unique technological mix of signal processing and AI transforms any camera on any device (smartphone, laptop, tablet, car dashboard etc.) into a medical-grade, extremely accurate monitoring solution. Binah.ai's heart rate variability (HRV) measurements offer the basis for a wide range of body measurements such as: oxygen saturation, respiration rate, mental stress level and blood pressure (coming soon). Binah.ai's solutions are available as an SDK for Android and iPhone or as a white label application platform. The app runs on the device, without the need for internet connection.




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# BreezoMeter



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BreezoMeter, the world's leader in location-based, real-time air quality, pollen, and fires data, covers more than 5.5 billion people worldwide in more than 90 countries, improving health by providing intuitive and actionable data. Using governmental sensors, satellites, local weather, transportation dynamics, and other sources, BreezoMeter gives companies the tools to increase user engagement and sales, and impact lives with accurate data, including pollutant concentrations and forecast. BreezoMeter offers its data via API to enterprises of diverse industries, including Pharmaceuticals, fitness and lifestyle, skincare, medical device, and mobility.




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## docdokhealth



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docdok.health is the Netflix of healthcare by utilizing patient-generated health data to deliver personalized healthcare. With our HIPPA- and GDPR-compliant docdok platform we digitalize the traditional physician / patient interface to address major pain points and to enrich existing clinical information (e.g., from hospitals, private doctors or payors) with day-to-day patient-generated health data, both in clinical and study settings. With our 'ARC DTx FastTrack Engine' we accelerate the development and validation of medical-grade software. We focus on two business areas: (1) DTx Enabling & RWE Studies and (2) Digital Therapeutics (DTx), enabling the paradigm shift from volume- to value-based healthcare.




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## EarlySense®



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EarlySense® is the global leader in contact-free, continuous monitoring solutions for the healthcare continuum. EarlySense assists clinicians in early detection of patient deterioration. EarlySense's FDA and CE cleared system includes the patented contactless sensor which accurately and continuously monitors heart rate, respiratory rate and movement. By leveraging Artificial Intelligence (AI) and big data analytics we provide actionable health insights and enable clinical staff to quickly identify patient deterioration and prevent potential adverse events. In 2020 EarlySense's technology will be available in a compact cloud-based module that will allow caregivers, telehealth companies and a variety of product developers to integrate and expand their remote patient monitoring capabilities.




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IMNA's system is a key solution for gathering key patient information in between clinical visits and transforming all the disperse data to a concise actionable support system for care teams and patients alike. The digital connections enable care teams to keep patients in their line of sight beyond the walls of the "inpatient" care and lowers the barriers of patient communication with the care team thus, improving the patients' ability to self-manage their chronic condition, while enabling care teams to deliver more targeted assistance, using automated self-care programs and personalized treatment / follow-up protocols.




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Medial EarlySign helps healthcare systems with their early detection and prevention of high-burden and chronic diseases. Our outcome-focused software solutions (AlgoMarkers™) find subtle, early signs of high-risk patient trajectories in existing lab results and ordinary EHR data already collected in the course of routine care. EarlySign's validated clinical solutions are rooted in deep expertise in Machine Learning. They help clients identify patients at high risk for conditions like bowel cancer, prediabetic progression to diabetes, downstream diabetic complications, chronic kidney disease (CKD), and CVD. They aid healthcare systems with identifying early opportunities for disease prevention, intervention, and enhanced care management.




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Medivizor – Health information, personalized. For life. Medivizor radically empowers patients post-diagnosis of serious/chronic illness. Medivizor’s patented, award-winning platform, empowers patients by providing them, their caregivers, and their doctors, access to the latest, personally-relevant, medical science, in a way they can understand and act. Medivizor helps healthcare providers, biopharma, and other health stakeholders, by educating, engaging, and empowering patients for the long term, saving them time, reducing costs, and improving patient satisfaction. Medivizor is a live service, already distributed and endorsed by leading healthcare providers and non-profits, and trusted by over 150,000 members/subscribers.



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Scout Technologies brings you the trusted PharmaScout Brand. With PharmaScout, we offer you all the tools you need to ensure your cold chain requirements are not only compliant, but also offer insights that help substantially reduce the total cost of compliance. Our wireless IoT devices are able to be installed in any environment, along with our Risk Management Portal we are able to give the right people access to information to help manage medication and offer early warnings or alarms based on defined criteria. Our devices are easily calibrated to offer reduced annual costs. We also supply SMART Medical Fridges and a unique system to track thermolabile products from Manufacturer to End-User.

WE TAKE CARE OF THE MEDICINE THAT TAKES CARE OF YOU.



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Selfit has created a unique Human-machine therapy intervention for the ageing population based on Neuroscience and AI. Our robot therapist could ultimately replace a human therapist in hospitals/clinics/senior living facilities, and later on at home. The robot conducts digital clinical assessments and accordingly builds up a personalized program for the patient's physical and cognitive needs while supporting and monitoring him along the program. The data is analyzed using Machine Learning for better outcomes and predictions. The company has clinical validation with Stroke patients and continue validating with elderly population, Parkinson's and Cardiac patients. We've just started sales in Israel.



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Sivan developed Moovcare® a digital therapeutics application intent to increase patient's longevity, improve quality of life and help physician to save time through PROM. We have built an intelligent platform, with a unique algorithm that enables early detection of relapses and complications, the application enables personalized patient care. Hospitals are using Moovcare® for better monitoring their patients, reducing workload and allowing prioritization of clinical visits. Capturing and analyzing real-world data enables more personalized and effective care. Moovcare® is a medical device which has been deployed in many hospitals in France and soon in the UK.



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Sophie Bot is an AI persona built to answer Your Questions on sexual and reproductive health. This is because open and honest conversations on sexual health are not only awkward but very taboo on this side of the world. Since 2016 we have been asked over 40,000 questions from over 4000 users in 150 countries.



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Vaica provides medication adherence and digital Patient Support technology for pharmaceutical companies, pharmacies, hospitals and other healthcare providers. Its innovative, proven solutions are used worldwide and provide medication management for patients to improve care outcome. Our vision is tailoring the most innovative adherence solutions while keeping patient outcomes at heart. Vaica's solutions include physical, smart medication dispensers that are real-time connected to a strong cloud infrastructure. The software end is managed by using an intuitive user portal for remote management and monitoring.



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Wellthy Therapeutics is a digital therapeutics company that inspires and enables patients to prevent, reverse and control chronic diseases. We are live in India and Singapore across 6 indications. We work deeply with Insurers (like Aviva, Swiss Re), Pharma and Med Device Companies (like Novartis, Roche, Cipla), hundreds of healthcare systems (like Wockhardt Hospitals), and have over 1 million patients under contract. With active therapeutic areas in diabetes, cardiology, respiratory and soon oncology, our real world evidence across ~15,000 patients has been showcased via 20 publications in global journals and publications.



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WHISPA is a mobile application that allows young people to discreetly improve their Sexual and Reproductive Health (SRH). Whispa aims to solve these 3 main problems young people face when they have sexual health concerns:

1. Societal judgment and bias that discourages SRH healthcare-seeking.
2. Low contraception knowledge worsened by myths, misconceptions, and abstinence-only advice.
3. Poor quality or biased prescribing from health providers resulting in lack of access to quality contraceptive products/services.

Our vision is to provide a reliable, safe space for young people to ask sexual health questions, get products and be linked to quality-assured, stigma-free SRH services.



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Please contact us to learn more  
about opportunities to work with us.

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