



# **DEMO AND MATCHMAKING DAY: BUILDING COMMERCIAL PARTNERSHIPS** IN INDIAN HEALTHCARE

June 15, 2016 | The Leela Palace, New Delhi





















We are delighted to welcome you to the TechEmerge Health Innovation Summit, a landmark event that showcases top health technology companies from around the world, and aims to accelerate partnerships within the Indian healthcare ecosystem.

TechEmerge, an initiative of the International Finance Corporation (IFC, a member of the World Bank Group), supported by the governments of Finland and Israel, is a first-of-its-kind matchmaking program that connects technology companies from around the world with corporations in emerging markets, to conduct local pilot projects and foster commercial partnerships. The inaugural phase of the program is focused on the healthcare sector in India. Over 320 companies from 29 countries submitted applications to the TechEmerge program. Together with our external advisory network, the top companies were selected to attend the TechEmerge Health Innovation Summit in New Delhi, India.

It is a dynamic time to be a part of the Indian healthcare market, where there is incredible opportunity for technology driven innovations that can drive greater access to quality healthcare services. We are honored to have you join us in the journey to improving healthcare delivery and patient outcomes. Today will be filled with exciting demos from the best-in-class innovators, featured presentations from healthcare leaders and networking with participating startups in our exhibit hall.

Thank you to our event partner NATHEALTH, and all of the participating healthcare providers, innovators and other industry experts for your vision, knowledge and support of the TechEmerge program. We look forward to seeing fruitful relationships develop that will contribute to improved healthcare delivery in India and beyond.

For more information about the TechEmerge program and event details, visit www.techemerge.org.

#### Warm regards,

The TechEmerge Team

## WEDNESDAY, JUNE 15, 2016

#### 8:30 AM REGISTRATION & BREAKFAST

Kick off the day networking with leading Indian healthcare providers and start-ups from around the world

#### 10 - 10:15 AM WELCOME ADDRESS

Mr. Sergio Pimenta, Director, International Finance Corporation (IFC)

#### 10:15 - 10:45 AM **KEYNOTE**

Dr. Arvind Lal, Chairman and Managing Director Dr. Lal PathLabs, Senior Vice President, NATHEALTH

#### 10:45 - 11:30 AM LIGHTNING DEMOS: POINT OF CARE DIAGNOSTICS

Demos from: Ceeable, EwaveMD, iSTOC, Mobile ODT, Tricog Followed by Q&A moderated by Mr. Ruzgar Barisik, Senior Investment Officer, IFC

#### 11:30 - 11:50 AM **COFFEE BREAK**

#### 11:50 AM - 12:35 PM LIGHTNING DEMOS: PATIENT ENGAGEMENT TOOLS

Demos from: Diabetacare, Noona Healthcare, mfore, Moving Analytics, Welldoc Followed by Q&A moderated by Mr. Nikunj Jinsi, Global Head Venture Capital Group, IFC

#### 12:35 - 1:20 PM **LIGHTNING DEMOS: TOOLS FOR PROVIDERS**

Demos from: Admetsys, Chatr-Health, Guidevue, Northgate, Vios Medical Followed by Q&A moderated by Mr. Selcuk Tanatar, Head Strategic Business Solutions, IFC

#### 1:20 - 1:30 PM **CLOSING REMARKS**

Mary Porter Peschka, Director, International Finance Corporation (IFC)

#### 1:30-2:30 PM **NETWORKING LUNCH**

3:00 - 6:00 PM **1-ON-1 MEETINGS SCHEDULED FOR SELECTED TECHEMERGE PARTICIPANTS (INVITE ONLY)** 

#### 6:00 - 8:00 PM COCKTAIL RECEPTION

# PARTICIPATING INNOVATORS

Some information on the innovators selected to attend the TechEmerge Health Innovation Summit and move onto the next phase of the TechEmerge program.



BOSTON, MA, USA

GLENN ROBERTELLI, COO, GLENN.ROBERTELLI@ADMETSYS.COM

Admetsys provides an artificial pancreas system for better inpatient diabetes control. The product is designed for hospital and surgical care environments, focused on surgery and perioperative care, intensive care, trauma care and step-down units in general hospital care.

admetsys.com

SAN FRANCISCO, CA, USA

FRANCIS WHITE, VP SALES AND BUSINESS DEVELOPMENT. FRANCIS@ALIVECOR.COM



AliveCor's mobile ECG is a smartphone attachment that allows users to capture electrocardiogram (ECG) recordings of the heart. The app can perform an ECG within 30 seconds to check for rhythm abnormalities and warn the user if they are present. As a cloud connected service, the ECG results can be shared wirelessly with the user's doctor or transmitted via email.

alivecor.com



#### TURKU, FINLAND

PEKKA RAHIKKALA, ACCOUNT MANAGER, PEKKA.RAHIKKALA@ARCDIA.COM

ArcDia is a point of care diagnostic system for upper and lower respiratory tract infections and gastroenteritis. The mariPOC tests allow for rapid detection and differentiation between viral and bacterial infections. Available tests include influenza, adenovirus, streptococcus pneumoniae, human bocavirus and more. The mariPOC test system is able to detect the presence of ten (10) pathogens from a single swab sample.

arcdia.com

#### SINGAPORE

RAMAKRISHNAN VENKATARAMAN, INTERIM CEO, RAMKI@ATTUNELIVE.COM



Attune Technologies provides a cloud based information infrastructure for healthcare providers to seamlessly integrate labs, hospitals, pharmacies, radiology, connected medical devices, payers and accounting systems. By connecting all aspects of the healthcare providers' care delivery ecosystem, information can be easily distributed, operational efficiency is improved, revenue leakage is stopped and patient care is enhanced.

attunelive.com



#### BENGALURU, INDIA

SUJIT SIVADAS, VP PRODUCTS, SUJIT@AXIOBIO.COM

Axio Biosolutions' Axiostat product is a sterile, single use, nonabsorbent haemostatic dressing intended to be used for temporary control of bleeding wounds. The patent technology uses a.c.t (axio clotting technology) to control severe hemorrhage within minutes. a.c.t is based on a biopolymer platform that utilizes cationic properties for medical applications. Axiostat has specific offerings for Emergency, Military, Cardiovascular and Dental applications.

axiobio.com



TECH EMERGE



#### GURGAON, INDIA

SHRUTIKA GIRDHAR, CO-FOUNDER, CTO, SHRUTIKA@BODHIHEALTHEDU.ORG

Bodhi Health Education provides a suite of interactive digital education tools to support continued professional development and education for nurses, paramedics and allied healthcare professionals. The modules comprise of videos, procedure demos and mobile-based games delivered over Bodhi's learning management system. Each module is supported with assessments and analytics to track the learning and progress made by each individual learner. The system is available on smartphones, android tablets and computers.

bodhihealthedu.org

SOMERVILLE, MA, USA

CHRIS ADAMS, CEO, CADAMS@CEEABLE.COM

Ceeable has developed a web-based 3D Visual Field Analyzer (CVFA) for the detection of eye disease, including retina disorders such as glaucoma, macular degeneration and diabetic retinopathy. The noninvasive platform allows physicians and healthcare workers to conduct the screening and then classifies the results to guide the determination of best treatment options.

ceeable.com





SAN FRANCISCO, CA, USA

JOY BHOSAI, COO, JOY@CHATRHEALTH.COM

Chatr-Health's main tools focus on patient safety in the clinical environment. Their product, Cascadia, manages key tasks and creates checklists to help care teams track vital steps during medical procedures. Additional modules include evidence-based algorithms to assign risk scores to patients and a patient engagement tool to review care plans with patients.

chatrhealth.com



LONDON, UNITED KINGDOM & BENGALURU, INDIA SANJIV AGARWAL, MANAGING DIRECTOR, SANJIV. AGARWAL@DIABETACARE. COM

Diabetacare is a diabetes management platform that provides patients with continuous support through connected devices and engaged medical professionals. The dCare Smart glucometer wirelessly transmits patient readings to the secured server which is monitored 24/7 by the medical team. For healthcare providers, Diabetacare provides comprehensive diabetes screening, monitoring and intervention modules.

diabetacare.com

JERUSALEM, ISRAEL AND MANCHESTER, UK GERSHON GUTMER, VP SALES, GGUTMER@EQUATEL.COM

Equatel's digital kiosks are made to work in rural and remote areas. They are connected via Cellular, WIFI or Satellite; extending mobile internet connectivity up to 35-40 km from any mobile antenna. The kiosks are solar powered and anti-vandalism. Users access the kiosk applications by simply inserting a SIM or Smart card, which is processed through any telecom or health provider. These solar powered internet digital kiosks are installed with telemedicine and educational capabilities allowing a wide range of point of care diagnostic sensors to be attached via USB or Bluetooth; and all of the data both on the patient and doctor's side are managed by Equatel's secure EHR platform.

equatel.com









#### KIBBUTZ GLIL-YAM, ISRAEL

OREN SHUSTER, CEO, OREN@EWAVEMD.COM

EWaveMD's Healthbox is a suite of diagnostic tools designed to function in resource poor healthcare locations. The Healthbox is able to support a 12-lead ECG, blood pressure cuff, SpO2, digital thermometer, digital stethoscope and digital weight scale. Third party devices can also connect via USB to enhance diagnostic capabilities.

ewavemd.com

HOUSTON, TX, USA

SRIRAM IYENGAR, FOUNDER, PRESIDENT, CEO, SRIRAM@GUIDEVUE.COM

GuideVue is a Rapid Mobile Application development system for authoring, publishing, and managing clinical guideline apps for patients and providers. GuideVue apps are developed without writing computer code. They present clinical guidelines as step-by-step procedures in which each step can include images, video, audio, text, smart data forms, image capture, and interfaces to medical sensors. Multiple languages are supported. Detailed usage and captured data can be automatically encrypted and securely uploaded to a server.

guidevue.com





BENGALURU, INDIA

SUBHASISH SIRCAR, FOUNDER & CEO, SIRCAR.S@360HVPL.COM

Health Vectors is a data analytics platform that collects clinical and personal health data to develop personalized medical, diet, and exercise guidance. The analytics reports and guidance tools are designed not only to help those with chronic conditions but also for asymptomatic individuals as well, to encourage the practice of healthy behaviors before the onset of non-communicable chronic diseases. This is especially important because, most NCDs once contracted are not reversible.

360hvpl.com



VANTAA, FINLAND

JOONAS IHALAINEN, AREA SALES MANAGER, JOONAS.IHALAINEN@ICAREFINLAND.COM

Icare's tonometers utilize the patented rebound technology to enable safe, fast, painless and hygienic intraocular pressure (IOP) checking, an important aspect of screening for glaucoma, the second leading cause of blindness in the world. A very light probe is used to make momentary contact with the cornea, which is barely noticeable by the patient. Icare is favored by practitioners as an alternative to the traditional 'NCT puff test' which some patients dislike. Icare tonometers also eliminate the need for anaesthetic eye drops which more traditional contact tonometers require.

icaretonometer.com

OULU, FINLAND JARMO JÄRVENPÄÄ, CEO, JARMO@ISTOC.IO

iSTOC's IDA (Immediate Diagnostics and Analytics) is a turnkey solution for healthcare professionals to be used in point-of-care diagnostics to monitor and screen a number of health conditions, from infectious diseases to maternal health. The IDA solution consists of a smartphone mobile reader application and an IDA backend solution. The smart phone mobile reader application is used to digitize and analyze lateral flow tests (LFTs), while the IDA backend solution provides analysis, support and dynamic configuration for the supported lateral flow tests. The IDA IDR supports a variety of LFTs and new tests types can be configured onto the system in just a matter of days.

istoc.io









#### BENGALURU, INDIA

PAVAN SRIDHARAN, CO-FOUNDER, PAVANSRIDHARAN@GMAIL.COM

Meduplay's Critica Advanced ICU Simulator is a tool to train doctors, nurses and paramedics through simulation- by making them exercise their clinical diagnoses, decision making, hand eye coordination, communication and teamwork skills. It is a portable system, and consists of a manikin, virtual vitals monitor, virtual ventilator and tablet PCs. Critica is almost ten times more affordable than the nearest foreign simulator. Performance assessment data can be logged and analyzed in real time to provide metrics for clinical performance improvements. The product does not require a hospital setting or infrastructure, enabling it to be carried to various locations for training. If the location has internet access, the simulator can be remote controlled and viewed via video conferencing.

meduplay.in

#### HELSINKI, FINLAND

RAJIVE ACHARYA, MANAGING DIRECTOR, RAJIVE.ACHARYA@MFORE.FI

mfore's patient engagement solution provides enhanced mobile communications to support the monitoring & needed intervention, adherence and counseling of patients throughout the healthcare process. Mobile as a tool for engagement enables a continuous communication channel between providers and their patients which effectively engages patients in their own healthcare experience (from appointments to post care) to improve outcomes.

mfore.fi









TEL AVIV, ISRAEL

YAEL GLICKMAN, VP BUSINESS DEVELOPMENT, YAEL@M-MEDIC.COM

Micromedic Technologies' CellDetect® technology is a breakthrough diagnostic platform targeting multiple cancer applications including cervical and bladder cancers. CellDetect® provides color discrimination between normal, pre-cancer and cancer cells and enables the diagnosis of early-stage tumors and precancerous lesions which could otherwise be missed by standard diagnostic techniques.

m-medic.com

TEL AVIV, ISRAEL ARIEL BEERY, CEO, ARIELBEERY@MOBILEODT.COM



MobileODT's Enhanced Visual Assessment (EVA) System, is a comprehensive point of care tool, built on a smartphone, for cervical cancer screening. The device augments a smartphone's optics to enable enhanced imaging while the app allows for image and patient data capture for remote consultation, patient education, and clinical workflow management. The EVA cloud platform enables health providers and organizations to gather epidemiological data and to conduct quality assurance through remote consultation and supervision.

mobileodt.com



MARINA DEL REY, CA, USA

HARSHVARDHAN VATHSANGAM, CEO, HARSH@MOVINGANALYTICS.COM

Moving Analytics helps hospitals increase participation in cardiac rehab by enabling them to implement convenient and affordable home-based programs with low infrastructural overhead. The technology is a digital case management system for providers to track progress and a mobile app that engages patients to complete daily rehab tasks. Moving Analytics' product is based on MULTIFIT, an evidence-based cardiac rehab program developed by world-renown researchers at Stanford.

movinganalytics.com



#### BENGALURU, INDIA

BALJIT SINGH, CEO, BALJIT@MTATVA.COM

mTatva's HealthPIE (Patient Information & Empowerment) is a mobile technology which holds patients' hands the moment they walk out of a physician's office and walks them through recovery safely and quickly. It is a post prescription solution for patient engagement with a universal reach enabled by SMS text. HealthPIE empowers patients with an easy-to-use product that addresses medication errors, medication adherence, medical literacy and shortage of doctors.

mtatva.com

#### HELSINKI, FINLAND

JANI AHONALA, CEO, JANI.AHONALA@NOONA.COM

Noona is a mobile service that collects rich patient reported data and uses smart algorithms to improve cancer care. With Noona, patients report their condition via a mobile device and the medical team can automatically identify acute symptoms and target patients in need of immediate care. When less symptoms are present, Noona gives patients self-care and monitoring instructions. Noona improves the quality of cancer patient care in parallel with saving clinical resources. Noona enables extremely cost-efficient remote monitoring for cancer patients in various stages of the disease.

noona.com





#### HEMEL HEMPSTEAD, UK

BODHISATYA SARKER, ASSOCIATE VP, BODHISATYA.SARKER@NORTHGATEPS.COM

Northgate's "Smart Screening" product set simplifies the screening process to enable early identification and treatment of conditions that may endanger newborns. They have a range of screening programs for newborns that include hearing, physical exam, blood spot sample, abdominal aortic aneurism and diabetic retinopathy. The solutions integrate with clinical hardware and software for data sharing purposes.

northgatepublicservices.co.uk



#### OULU, FINLAND

KRISTO KIVILAAKSO, EXECUTIVE VP SALES & MARKETING, KRISTO.KIVILAAKSO@OPTOMED.COM

Optomed's Smartscope Pro, is a hand-held retinal Wi-Fi camera for screening and diagnosis of eye diseases, including diabetic retinopathy, glaucoma and age-related macular degeneration. The portable device is used to capture images of patients' eyes and the images can be transferred to any portable device and securely stored. Optomed Oy is the leading hand held fundus camera manufacturer in the world, having its devices in active use in over 2,500 clinics.

optomed.com

JERUSALEM. ISRAEL

SETH SALPETER, CSO & VP BUSINESS DEVELOPMENT, SETH@SIGHTDX.COM



SightDx's proprietary Parasight platform, combines cutting edge computer-vision algorithms, custom low-cost hardware and novel blood-preparation techniques to provide rapid quantitative detection of malaria. The camera-enabled microscope captures images of blood samples while the software analyzes them and identifies the visual differences between healthy and parasite-infected blood. Parasight scans a greater volume of cells with better accuracy than a human microscopist or rapid diagnostic test (RDT).

sightdx.com





## SMART VISION LABS

NEW YORK, NY, USA

HUY TRAN, MEDICAL SCIENCE LIAISON, HUY@SMARTVISIONLABS.COM

SVOne Pro is a smartphone-based wavefront aberrometry device that measures refractive error and generates prescriptions quickly and accurately. The device requires no training to use. The operator aligns the eyecup with the eye; the software automatically captures data. SVOne Enterprise is a comprehensive, self-guided auto-refraction system. Patients experience effortless self-refraction in an error proof process. Users (optical retailers, insurers, hospitals) access this powerful vision exam tool through a cloud-based platform.

smartvisionlabs.com

LOS ANGELES, CA, USA ADITYA PATEL, TECHNICAL BUSINESS DEVELOPMENT, ADITYA@STASISLABS.COM



Stasis Labs has built a health monitoring system that allows doctors to catch declining patients and intervene before a critical event. Implementation of the Stasis System will allow hospitals to move patients out of the ICU and into the comfort of a monitored private room. By decongesting the ICU, hospitals can perform more procedures and generate more revenue from treatment. Most hospitals currently have vitals monitoring for ICU-patients, but nurses manually collect vitals for the rest of the hospital patients causing longer stays, delayed treatments and a higher risk of death. Continuous monitoring outside of the ICU setting has proven ROI and massive clinical benefits.

stasislabs.com



#### BARCELONA, SPAIN

ROC VIÑAS ALBERT, COO, ROC.VINAS@TRANSMURALBIOTECH.COM

Transmural Biotech provides quantusFLM, a non-invasive fetal lung maturity test based on the analysis of an image of the fetal lungs obtained by ultrasound. Instead of using highly invasive procedures that require the collection of amniotic fluid, quantusFLM can help to reduce neonatal respiratory morbidity (NRM) using a reliable and safer method.

transmuralbiotech.com and quantusflm.com

BENGALURU, INDIA

CHARIT BHOGRAJ, FOUNDER, DRCHARIT@TRICOG.COM

The Tricog system uses an FDA approved ECG machine manufactured by GE and it is cloud-enabled using a custom piece of hardware called the Tricog Dongle. Data is extracted from the ECG machine and securely transmitted to a cloud server, from where it is pulled down to the Tricog Hub. Expert doctors at the Hub interpret the data and create a diagnosis, enabled by Tricog's proprietary algorithms, which is then sent back to the clinician at the remote location. The interpretation system uses a combination of machine learning and signal processing, reinforced by human verification for accurate analysis. The service is designed to be low cost and scalable for wide-spread accessibility with reports in 5 minutes or less.

tricog.com









DURHAM, NC, USA

AKHSAR KHAREBOV, CHIEF EVANGELIST, AKHSAR@VALIDIC.COM

Validic's cloud-based platform allows healthcare organizations to integrate patient data that is generated outside of the clinical setting using digital health devices. In a single connection, data from over 250 clinical and consumer devices, wearables and applications is made accessible to physicians who can utilize it to remotely monitor, diagnose and treat patients. This is specifically useful for patients suffering from chronic conditions, living in rural areas, or requiring consistent monitoring.

validic.com

SAINT PAUL, MN, USA

AMIT PATEL, CEO, AMIT@VIOSMEDICAL.COM

Vios Medical has developed a wireless vital signs monitoring platform (Vios Monitoring System, or VMS) to optimize patient management throughout the continuum of care, across in-hospital and home applications. VMS is comprised of wireless vital sign sensors and various software applications built on a medical-grade Internet-of-Things framework to deliver cost and operations efficiency. The solution includes wireless chest and wrist sensors that continuously capture a patient's vitals. The bedside monitor software app delivers medical-grade algorithms and clinical, operational and workflow insights. The central station monitoring software can display up to 12 patients at a time and the central server software enables real-time data analysis and remote access.

viosmedical.com









#### BENGALURU, INDIA

AKHIL KUMAR, ONCOLOGIST, AKHIL.VIRTUOUSHEALTH@GMAIL.COM

Virtuous' customized app based program provides personalized risk assessments and health screenings to guide patients to the right preventive and curative care. The technology allows for timely and cost-effective consultations and knowledge of chronic disease risk from the comfort of a patient's home.

virtuoushealth.org

BALTIMORE, MD, USA

ANAND IYER, CHIEF STRATEGY OFFICER, AIYER@WELLDOCINC.COM



WellDoc is a digital health technology company that has taken a unique, life-sciences approach to develop mobile solutions that drive behavioral and clinical change in chronic disease. WellDoc's goal is to significantly enhance patient self-management and engagement, and help physicians overcome gaps in the delivery system to improve clinical outcomes and decrease healthcare cost. WellDoc has commercialized the first mobile prescription therapy (MPT), BlueStar®, for adults with type 2 diabetes.

welldoc.com



#### MANCHESTER, UK

PETER HIGHFIELD, TECHNICAL DIRECTOR, PETER.HIGHFIELD@ZILICO.CO.UK

Zilico's Zedscan technology produces real-time point of care results for clinicians. The portable medical device uses Electrical Impedance Spectroscopy (EIS) to test for cervical pre-cancer and cancer and displays results on a handset within a simple graphical interface. Zedscan is an objective diagnostic tool for cervical cancer that does not rely on the physical appearance of the cervix. Conventional colposcopy relies on visual indicators, which are not disease specific, and can result in overtreatment or misdiagnosis. As an adjunct to colposcopy, this approach lends greater efficiency in detecting cervical cancer, ultimately saving lives and money.

zilico.co.uk

# PARTICIPATING HEALTHCARE PROVIDERS

Participating healthcare organizations that have expressed an interest in serving as a pilot site for innovators selected by the TechEmerge program.



APOLLO HOSPITALS is recognized as a pioneer of private healthcare in India and was the country's first corporate hospital. The Apollo Hospitals Group operates 9,215 beds across 64 hospitals. A forerunner in integrated healthcare, Apollo has a robust presence across the healthcare spectrum with mature group companies that specialize in insurance, pharmacy, consultancy, clinics and many such key touch points of the ecosystem. The Apollo Group has touched the lives of over 45 million patients, from 121 countries. Their mission is to bring healthcare of international standards within the reach of every individual. They are committed to the achievement and maintenance of excellence in education, research and healthcare for the benefit of humanity.

ARAVIND EYE CARE SYSTEM operates 6 hospitals and hosts over 4,000 beds to provide high quality and affordable services to low income populations. The system has served over 3.5 million outpatients and performed over 401,000 surgeries within their hospitals. Aravind offers eye screenings and support to rural villages through a variety of community eye clinics and programs. They have established 40 permanent, IT-enabled Vision Centres providing telemedicine to rural villages, and their mission is to eliminate needless blindness.





THE CARE HOSPITALS GROUP is a multispecialty healthcare provider, with 16 hospitals serving 8 cities across 6 states of India. Their facilities contain 2,400 beds and focus on middle and lower income patients. As a regional leader in tertiary care in South/Central India, CARE Hospitals delivers comprehensive care in more than 30 specialties. The Group offers comprehensive patient-focused care, state-of-the-art infrastructure, as well as globally trained doctors and professional support staff. It is recognized as one of the most advanced, complete cardiac care centres in the country, powered by cross-functional teams with round-the-clock availability.

CLOUDNINE is a multi-city hospital chain for maternity and women's health and has expanded its operations to 17 hospitals spread across Bangalore, Chennai, Gurgaon, Mumbai and Pune. Having celebrated over 30,000 births across regions, with a 2,000+ strong team base, Cloudnine continues to maintain and excel international standards of care with plans to reach every woman and child in India. In addition to maternal care, Cloudnine also provides Gynecology, Pediatrics, Intensive Care, Fertility and Neonatal Care services.



# COLUMBIA ASIA

COLUMBIA ASIA is a multi-specialty hospital chain that operates 11 hospitals in India and provides a range of medical services throughout South East Asia. Providing over 36 specialties, Columbia Asia serves more than one million patients every year. They pride themselves on being clean, efficient, affordable and accessible. Columbia Asia believes in smaller hospitals with less than 100 beds built in convenient residential areas. The innovative design of the hospitals, from their manageable size to their advanced technology, is focused on creating a positive experience for patients.







आपके स्वास्थ्य प्रहर्र

CYGNUS HOSPITALS is a multi-specialty hospital chain with 11 hospitals and more than 1,000 beds. Their mission is to run affordable centers for specialized surgeries in the areas lacking super specialty care. Cygnus Hospitals offer over 15 specialties with a 1,600 strong medically skilled workforce, providing international standard healthcare to over 1 million lives in smaller communities across north India. Cygnus Hospitals is taking healthcare to tier 2 and tier 3 cities; it wants to ensure that healthcare in Indian is available, accessible and affordable.

DR. LAL PATHLABS is one of India's top diagnostics chains, offering 3,300+ diagnostic and related healthcare tests. It has built a national network consisting of 170 clinical labs, 1,500 patient service centers and over 5,000 pickup points. Based in Delhi, the company offers a broad range of tests on blood, urine and other human body viscera. They have also worked with BD India to open a "Centre of Excellence in Phlebotomy," a centre for training healthcare workers in the process of safely collecting blood samples. Through data encryption, online scheduling, and home collection services, Dr. Lal PathLabs has established a brand associated with convenience and quality.





EYEQ is a super specialty hospital chain focused on eye care, operating 35 hospitals and serving over 350,000 patients annually. EyeQ is committed to providing the highest level of quality and technology in eye care, at affordable costs. Each hospital provides a full range of eye services from checkups to surgery, covering everything from maintaining optimum vision, preventing deterioration, to correcting vision related problems. All this through their exceptional array of preventive and corrective procedures and cutting-edge practices.



FORTIS HEALTHCARE is one of the leading integrated healthcare delivery service providers in India. As one of the largest multi-specialty hospital groups, it operates 54 healthcare facilities, approximately 10,000 beds, and 260 diagnostic centers. It has been recognized by JCI (Joint Commission International, U.S.A) NABH (National Accreditation Board for Hospitals & Healthcare Providers, India) for world class healthcare. In a global study of the 30 most technologically advanced hospitals in the world, its flagship, the Fortis Memorial Research Institute' (FMRI), was ranked No.2, by 'topmastersinhealthcare.com, and placed ahead of many other outstanding medical institutions in the world. Fortis Healthcare's mission is to be a globally respected healthcare organization known for Clinical Excellence and Distinctive Patient Care.

INTERNATIONAL ONCOLOGY is at the forefront of bringing the best in cancer care to India through expertise, research and collaboration. It has established state-of-the-art cancer care programs equipped with cutting edge technology. International Oncology has a pan India presence, with Cancer Therapy Centres at partner hospitals such as Fortis Hospital (NOIDA), Hiranandani Hospital (Mumbai), Dr. Sanchetee Cancer Hospital (Jodhpur), and Seth Nand Lal Dhoot Hospital (Aurangabad). International Oncology's mission is to create cancer centers of excellence and build an easily accessible network of cancer hospitals providing comprehensive cancer care and research services.





MANIPAL HOSPITALS is a multi-specialty hospital chain operating 15 hospitals and 4,900 beds across South India. Delivering comprehensive care in over 30 specialty areas, Manipal serves around 2 million patients from India and overseas each year. Their focus is to develop an affordable tertiary care multispecialty healthcare framework through their entire delivery spectrum and further extend it to homecare. With state-of-theart infrastructure and facilities, Manipal seeks to deliver path-breaking healthcare for their patients on a day-to-day basis.







MAX HEALTHCARE, a multi-specialty hospital group focused on serving the Delhi/NCR Region, operates 13 hospitals and 2,600 beds in over 30 specialty areas. It has 2,300 world-class doctors, and uses the most advanced technology and start-of-the-art infrastructure. Their mission is to deliver International Class healthcare with a total service focus, by creating an institution committed to the highest standards of medical and service excellence, patient care, scientific knowledge and medical education.

NARAYANA HEALTH (NH) operates a national network of hospitals in India with a strong presence in Southern and Eastern India. With 23 hospitals, 7 heart centers, and a network of primary care facilities, they have over 7,000 beds in operation. NH centers provide advanced levels of care in over 30 specialty areas. With a focus on middle to low income populations, NH's mission is to deliver high quality and affordable healthcare services to the broader population by leveraging an economies of scale, skilled doctors, and an efficient business model.





NEPHROPLUS is India's largest dialysis network with 62 centers. Each NephroPlus center is a one stop shop for all of a dialysis guests' needs. With a strong commitment to quality, NephroPlus is spearheading a change in the way dialysis is conducted in India. They strive to ensure that dialysis sessions remain a small part of a guest's life by using advanced concierge services. Their mission is to provide quality dialysis at affordable prices by using standardized protocols, continuous training and focused innovation.



PORTEA, a leading home healthcare pioneer, has 24 locations across India focused on facilitating at-home health visits and has partnerships with a number of hospitals throughout the country. From doctor consultations to physiotherapist home visits, to trained assistants or elder care, they offer a variety of services to address patient needs. Portea's goal is to provide hospital-quality healthcare in the comfort of your home. They also facilitate lab tests at home and medical equipment rentals, making healthcare more accessible for patients.

REGENCY is a super specialty tertiary care hospital with 3 locations in Uttar Pradesh, North India. The hospital has an outpatient department, 24 hour emergency services with in-patient admission facilities for more than 200 patients. They offer 21 specialties with the goal of providing the patient with easily accessible, comprehensive and consistent quality healthcare.





SIR GANGA RAM is a multi-specialty hospital located in New Delhi providing integrated services across 675 beds. Sir Ganga Ram Hospital has a firm commitment towards excellence in providing quality, ethical and affordable healthcare to all sections of society with an equal emphasis on medical education and research. It is committed to keeping 20% of its beds available for admission of indigenous and disenfranchised groups to receive care free of charge.

 $\verb|SRL| DIAGNOSTICS| is the largest diagnostics company in India.$ It carries out 125,000 tests per day, providing high-quality diagnostics services to its customers through an efficient network of labs and collection points. SRL has 322 networking laboratories including 10 reference labs, 4 centres of excellence, 17 radiology/imaging centres, and a footprint spanning over 6,900 collection points. The company has large labs in Dubai, Sri Lanka and Nepal, and around 50 collection points in various countries outside India.





# ADVISORY NETWORK

Thank you to the members of the Advisory Network for contributing their time and expertise in the development of TechEmrge as well as the evaluation of applicants to the program.

ATEET ADHIKARI Vice President, Healthbox

UMESH ADHIKARY President, Aditya Birla Management Corporation

MURRAY AITKEN Executive Director, IMS Institute for Healthcare Informatics

AVNER AMIR President, BioMed10

ASSAF BARNEA CEO, Sanara Ventures

DENNIS BOYLE General Partner, Health & Wellness Lead, Ideo

ZEN CHU Faculty Director, MIT Accelerated Medical Ventures

DR. RUCHI DASS CEO, HealthCursor

ANUJ DESAI Vice President, New York eHealth Collaborative

WARD DETWILER Associate Director, Innovations, Henry Ford Health Systems

TED DRISCOLL Managing Director, Digital Healthcare Lead, Claremont Creek Vettures

NISHA DUTT CEO, Intellecap

ANNA ERKKILÄ Senior Consultant, NIRAS Finland

RAJ GORLA Co-Founder, Equilateral Ventures

STAN KACHNOWSKI Chairman, HITLab

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# ABOUT US

Health care in India faces the growing challenges of access and affordability. Technology has the ability to address the needs of providers and change the dynamic of health care delivery. TechEmerge has the opportunity to catalyze the adoption and use of health technologies in India in order to improve patient outcomes and create business opportunities for health service providers and young technology companies. TechEmerge will identify promising health technology innovators globally and match their services with interested health care systems in India. These pairs will go onto field test the technology to explore how technology adoption can benefit health care in India.



IFC, member of the World Bank Group, is the largest global development institution focused on private sector development in emerging markets. Working with more than 2,000 businesses worldwide, we use our capital, expertise, and network, to create opportunity where it's needed most. In FY15, our long-term investments in developing countries rose to nearly \$18 billion, helping the private sector play an essential role in the global effort to end extreme poverty and boost shared prosperity. IFC has a dedicated venture capital (VC) group that invests in sustainable technology-driven ventures that make an impact in emerging markets. Our goal is to spur innovation globally. IFC VC invests both in local businesses based in emerging markets, as well as increasingly in US/European companies with business solutions geared towards emerging markets. To date, IFC has invested almost US\$1 billion in ventures, including in healthcare, education, consumer internet (including ecommerce), and cleantech.

For more information, visit www.ifc.org.

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NATHEALTH has been created with the Vision to 'Be the credible and unified voice in improving access and quality of healthcare.' Leading healthcare service providers, medical technology providers (devices & equipment), diagnostic service providers, health insurance companies, health education institutions, healthcare publishers and other stakeholders have come together to build NATHEALTH as a common platform to power the next wave of progress in Indian healthcare. NATHEALTH is an inclusive institution that has representation of small and medium hospitals, and nursing homes. NATHEALTH is committed to working on its Mission to encourage innovation, help bridge the skill and capacity gap, help shape policy and regulations and enable the environment to fund long term growth. NATHEALTH aims to help build a better and healthier future for both rural and urban India.

For more information, visit www.nathealthindia.org.

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The Ministry of Employment and the Economy (MEE) is responsible for the operating environment underpinning entrepreneurship and innovation activities, securing the functioning of the labour market and workers' employability, as well as for regional development.

The Ministry of Economy and Industry oversees commerce, industry, and labor in Israel. The Ministry seeks to increase economic growth in Israel by fostering technological innovation and entrepreneurship, developing human capital, and promoting international trade.



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