



TechEmerge Brazil Health Innovation Summit



AN INNOVATION OF



IFC

**International
Finance
Corporation**

WORLD BANK GROUP

Spurring Technology Adoption in Brazilian Healthcare

June 28-29 - Sheraton WTC - São Paulo, Brazil

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We are delighted to welcome you to the TechEmerge Health Innovation Summit in Brazil, a landmark event that brings together cutting-edge technology companies from around the world with Brazilian healthcare systems to spur new partnerships that can improve healthcare delivery and patient outcomes.

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 worldwide with organizations in emerging markets, to conduct local pilot projects and foster commercial partnerships. TechEmerge was first launched successfully in India in 2016, and IFC is now embarking on the Brazilian edition of the program in partnership with Bionexo. In Brazil, over 295 companies from 34 countries applied to the program. Through a competitive selection process supported by an external advisory network, 42 tech companies have been selected and invited to attend the Health Innovation Summit in São Paulo, Brazil.

It is a dynamic time to be part of the Brazilian healthcare market, with incredible opportunity for technology innovations to drive greater access to quality healthcare services. We are honored to have you join us on the journey to spur innovation in the Brazilian healthcare ecosystem. The summit today will showcase exciting live demos from cutting-edge health innovators, and allow for a unique networking opportunity with participating companies in our exhibit foyer.

A special thank you to **Bionexo**, our program implementation partner in Brazil, to our event partner **GE Healthcare**, and to 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 Brazil and beyond.

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

Warm regards,

The TechEmerge Team

CONFERENCE OVERVIEW & AGENDA

Thursday, June 28, 2018

- 8:30 AM** **REGISTRATION, BREAKFAST & INNOVATION EXHIBIT**
Kick off the day networking with leading Brazilian healthcare providers and tech companies from around the world
- 10 - 10:30 AM** **WELCOME REMARKS**
Mr. Gabriel Goldschmidt, IFC Director for Latin America and the Caribbean
Mr. Markku Virri, Ambassador of Finland
Mr. Yossi Shelley, Ambassador of Israel
Mr. Mauricio de Lazzari Barbosa, Chairman, Bionexo
Dr. Ary Ribeiro, Vice President, ANAHP
- 10:30 - 11:15 AM** **LIGHTNING DEMOS: TOOLS FOR PROVIDERS/PATIENTS**
Demos from: Intuitive Care, Umanick Technologies, Blossom KC and TNH Health
Q&A moderated by Selcuk Tanatar, IFC Head Strategic Business Solutions
- 11:15 - 11:45 AM** **COFFEE BREAK**
- 11:45 AM - 12:30 PM** **LIGHTNING DEMOS: POINT OF CARE TECHNOLOGIES**
Demos from: SigTuple Technologies, Tricog, Jana Care, Optomed and Hi Technologies
Q&A moderated by Nikunj Jinsi, IFC Global Head Venture Capital
- 12:30 - 1:20 PM** **LIGHTNING DEMOS: AI FOR CLINICAL DATA**
Demos from: Arterys, Aidoc, Combinostics Oy, Laura and Emedgene
Q&A moderated by Hector Gomez Ang, IFC Brazil Country Head
- 1:20 - 1:30 PM** **CLOSING REMARKS**
by Hector Gomez Ang, IFC Brazil Country Head
- 1:30- 2:30 PM** **NETWORKING LUNCH & INNOVATION EXHIBITION**
- 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 Health Brazil program.

AIDOC



Tel Aviv, Israel

Elad Walach, CEO, elad@aidoc.com

AI solution detecting various critical findings (e.g. intracranial hemorrhages, spine fractures, free air in the abdomen) to optimize the existing acute radiology workflow. The solution helps the radiologist to reduce the turnaround time of urgent cases in the worklist and highlighting the abnormal areas during the read. Aidoc is running live at 16 medical centers in the US, Europe, and Brazil.

www.aidoc.com

San Francisco, USA

Jonathan Draper, Director of Product Management, jonathan@arterys.com

Arterys is leading the advancement of medicine through data, AI, and technology. The company is focused on solving radiology's most pressing needs, including the enormous workloads radiologists face, the lack of accuracy with many of today's tools, and the need for increased consistency across practices. The company was the first to receive FDA clearance for a cloud-based product with AI.

www.arterys.com

ARTERYS



BEEIT



Porto Alegre, Brasil

Sandro Pinheiro, CEO, sandro.pinheiro@beeit.com.br

beeIT is a startup that develops health information systems and expert solutions. The 3 partners of beeIT have more than 15 years of experience in computerized health management. The main solutions are for bed management and assisted patient transportation, for Emergency, for Nutrition and for monitoring hand cleaning.

www.beeit.com.br

Rosh Haain, Israel

Eldad Nir, CEO, eldad@blossom-kc.com

Blossom's modular information platform helps healthcare organizations manage patient growth with maximum cost-effectiveness. By automating and optimizing core processes, streamlining cross-functional collaboration and managing routine daily activities across the entire healthcare organization such as Scheduling & optimization of surgeries and treatments, interns management, accreditation processes, education, training and permissions management while increasing operational efficiency and minimizing costly human errors.

www.blossom-kc.com

BLOSSOM



BODHI HEALTH EDUCATION**Gurgaon, India**

Abhinav Girdhar, CEO, abhinav@bodhihealthedu.org

Bodhi develops game-based products for upskilling healthcare professionals at the last mile. The products are based on latest CDC guidelines and protocols. These are engagement driven, interesting, scenario-based applications which help nurses and doctors hone their decision-making skills in a simulated environment. Being mobile based these are anytime anywhere learning products providing detailed analytics to training heads.

bodhihealthedu.org

Helsinki, Finland

Jussi Määttä, CEO, Founder, jussi@buddyhealthcare.com

Buddy Healthcare's mobile care coordination platform digitizes pre- and post-operative care pathways. The platform consists of (1) patients' mobile app and (2) healthcare professionals interface that automates timely communications and follow-up between patient and hospital. The solution helps hospitals to reduce the amount of phone calls and administrative work, collect PRO's more efficiently and increase patients care adherence.

www.buddyhealthcare.com

BUDDY HEALTHCARE**CARDIOWEB****São Paulo, Brazil**

Luciano C. Coan, CEO, luciano.coan@ecgweb.com.br

Cardio WEB is a Brazilian company that created the first mobile ECG recorder with built-in internet access to transmit data in 2002. Since then, we have been working with the main Brazilian medical institutions. Cardioweb represents the leading manufacturers of medical products in Brazil.

www.ecgweb.com.br

Ribeirão Preto, Brazil

Marcelo Santos, CEO, marcelo@carefy.com.br

Carefy is a platform that analyzes and transforms clinical information in strategic indicators aiming to reduce hospitalization costs, length of stay and improve team's efficiency. In real time, this information is organized in an inpatient panel destined to health plan managers, where the team has strategic alerts to assist in the decision making and better care of monitored patients.

www.carefy.com.br

CAREFY**CHATR HEALTH****San Francisco, USA**

Ron Turner, CTO/Co-founder, ron@chatrhealth.com

CHATR Health's 'Cascadia' mobile application assists healthcare providers reduce procedural errors when engaged in complex activities. Extensive ergonomic refinement has been undertaken in order to make it easy to use in active operating theatres. Cascadia is highly customizable according to the requirements of providers working in any given specialization. Performance and compliance statistics can be generated from the system's server.

www.chatrhealth.com

CMTECNOLOGIA**Belo Horizonte, Brazil**

Fernando Soares, Founder & CEO, fernando@cmtecnologia.com.br

CM Tecnologia is a HealthTech Startup that offers a complete self-scheduling solution to Hospitals, Clinics, and Labs to address their attendance gaps and improve the patient's journey and experience. We bring efficiency and cost reduction to more than 400 clients all over Brazil. Our mission is to bring peace to the provider, and convenience to the patient.

www.cmtecnologia.com.br

Tampere, Finland

Lennart Thurffjell, CEO, lennart.thurffjell@combinostics.com

Combinostics' cNeuro is a machine-learning cloud-based tool providing clinical decision support in neurodegenerative diseases. Biomarkers from images are extracted and are combined with other available data for the patient. The patient's data profile is then compared to data from previously diagnosed patients and cNeuro shows information about which disease is the most likely one, and it also provides predictive information about progression.

www.cneuro.com

COMBINOSTICS**EMEDGENE****Palo Alto, USA**

Einat Metzer, CEO, einat@emedgene.com

Emedgene is the world's first completely automated genetic interpretation platform. We're applying the most advanced AI technologies in order to dramatically scale genetic interpretation and discovery. Clinical labs using Emedgene improve dry lab efficiency, reduce time spent on interpretation and reporting and increase yield without increasing headcount. Research organizations using Emedgene accelerate genomic-driven discovery through the application of end-to-end AI.

www.emedgene.com

Turku, Finland

Thomas Grandell, CEO, thomas.grandell@etsimo.com

Etsimo's care need self-assessment solution combines state-of-the-art proprietary AI with the world's most annotated medical dataset. It mimics the doctor's behavior and uses the patient's symptoms and data to determine the patient's condition, care need and urgency. It puts them on the right care path together with their anamnesis data to ensure effective and fit-for-purpose care from the start.

www.etsimo.com

ETSIMO LTD.**EXALENZ BIOSCIENCE LTD****Modiin, Israel**

Eitan Blank, VP Global Operations, eitanb@exalenz.com

Exalenz Bioscience Ltd. develops and commercializes advanced systems that extract vital information for diagnostics from subtle changes in the patient's exhaled breath based on its BreathID® technology platform. Building on BreathID®Hp point-of-care success, Exalenz has developed the BreathID®Hp Lab System, a state of the art laboratory system for the management of multiple H. pylori detection tests. The new BreathID®Hp Lab System combines the unprecedented BreathID® clinical accuracy, 100% Sensitivity, with intuitive workflow automation to provide laboratories an efficient, economic and comprehensive solution for H. pylori detection.

www.exalenz.com/

HEMACLEAR**Tirat Carmel, Israel**

Sharon Abadi Saar, Regional Sales Manager and Business Development,
sharon@hemaclear.com

Hemaclear (R) is the next generation of Tourniquets! It is a narrow sterile elastic tourniquet for orthopedic limb surgeries. It exsanguinates the limb allowing for a bloodless surgical field and is safer, causing no skin damage, no nerve damage and much less pain, diminishing expressively surgical site infections. It has been used in over 1.1 million cases in more than 42 countries worldwide.

www.hemaclear.com

São Paulo, Brazil

José Luis Choucaira, CEO - jose.choucaira@hfocus.com.br

HFfocus allows healthcare facilities to monitor patient and employee satisfaction in real time. Through our cloud-based platform, our clients can monitor their performance as well as the sector benchmarks in different areas, based on our client base of over 1,500 facilities (hospitals, clinics, laboratories and HMOs).

www.hfocus.com.br

HFOCUS**HI TECHNOLOGIES****Curitiba, Brazil**

Marcus Figueredo, CEO, marcus@hitechnologies.com.br

Hilab is a portable laboratory service performed with the collection of drops of blood, without the use of syringes and is painless. The result is delivered within few minutes. It is the first online platform that delivers laboratory test reports signed by licensed experts: fast, convenient and secure. It transforms the healthcare experience for professionals and patients, empowering them.

www.hitechnologies.com.br

São Paulo, Brazil

Paulo Leite Pinto, CEO, paulo.pinto@intuitivecare.com

We apply data science technologies to hospital's revenue cycle data aiming to boost revenue and optimize labor productivity. Our platform embraces a multidisciplinary variety of technological solutions within the revenue cycle's stages and are used daily by a diverse combination of hospital's teams such as billing, receivables, nonpayment contestation, data record, commercial and managerial teams.

www.intuitivecare.com

INTUITIVE CARE**JANA CARE****Boston, USA**

A.J. Kumar, Chief Scientific Officer, akumar@janacare.com

Jana Care's Aina Platform enables point-of-care diagnostics with a piece of paper, a smartphone and a drop of blood. Our growing menu of tests including HbA1c, NT-proBNP, lipids, glucose, and hemoglobin. Our products bring diabetes disease care to primary care and empower patients with heart failure to manage their condition at home empowering patients in their homes.

www.janacare.com

JANITRI**Bangalore, India**

Arun Agarwal, Founder & Director, arun@janitri.in

KEYAR is an affordable, easy to use and wearable intrapartum fetal heart rate and uterine contraction monitoring device for hospital setting use. The device displays FHR and uterine contraction in an easy to interpret format and also gives alert if fetal is in distress. KEYAR also transmit the FHR and contraction reading to mobile application DAKSH which is an intrapartum monitoring mobile application for staff nurses, doctor and gynecologist.

www.janitri.in

Tel Aviv, Israel

Jon Rathouser, CEO & Founder, jonr@keheala.com

Keheala's demonstrated digital intervention addresses underlying drivers of medical adherence rates - stigma, access to information, motivation and support - with powerful strategies from behavioral economics. It uses widely-accessible feature phones to cost-effectively provide automated reminders, remote self-verification of doses, disease information and individualized follow-up. Remote-monitoring, data, and analytics empower healthcare providers to combat epidemics; saving money, saving lives.

www.keheala.com

KEHEALA**KINNOS****New York, USA**

Jason Kang, CEO, jason@kinnos.us

Kinnos's Highlight is a patent-pending color additive for bleach disinfectants that colorizes them blue to ensure full coverage on surfaces and which fades from blue to clear to provide real-time feedback for when decontamination is done. Highlight eliminates human error and provides reassurance that disinfection is done correctly every time a disinfectant is used to protect health workers and patients.

www.kinnos.us

Curitiba, Brazil

Jacson Fressatto, CEO - jac@laura-br.com

Laura is a cognitive virtual assistant that builds an integrated database analyzing vast amounts of complex and disconnected data, setting standards and frequencies to build a learning base through Machine Learning, whose knowledge is calibrated by questioning experts, to improve learning. We analyze patient data, exams, pharmacy drug data, generating alerts supporting better decision making for nurses, doctors, and managers.

www.laura-br.com

LAURA**MEDICINIA****Sao Paulo, Brazil**

Daniel Branco, CEO, daniel.branco@medicinia.com.br

Medicinia is a platform for patient management and navigation. Our clients are hospitals, insurers and, employers that want to establish and keep a continuous relationship with patients, to improve clinical outcomes and quality of care, and to keep costs and loss ratios under control.

www.medicinia.com.br

MEDSOLIS**Frisco, USA**

Akash Randhar, CEO, arandhar@medsolis.com

A remote care platform with three components: clinical portal for care teams, personalized mobile app for patients, and smart analytics for population management. Clinicians can launch and analyze fully automated programs and balance them with selective escalations for their interventions. Patients get personalized care plan containing their specific goals. Ongoing interactions include education, appointments, tele-visits, biomarker measurement, etc. Key benefits: strong ROI, simplicity, and in-built intelligence for efficiency and effectiveness.

www.medsolis.com

Helsinki, Finland

Niko Ryytty, Chief Architect, niko.ryyty@megical.com

Megical is the leading platform in Finland for hospitals to improve clinical pathway safety. We provide a combination of intelligent checklists/protocols, integrated reporting and real-time analytics in an easy-to-use platform - a transparent measurable workflow. Patients will get increased and measurable safety; your professionals will be able to work more efficiently, and your organisation will have less administrative costs.

www.megical.com

MEGICAL
NAGIS HEALTH**Curitiba, Brazil**

Wagner Marques, CEO, wagner@nagis.com.br

We improve the remuneration of hospitals, clinics, and laboratories, reducing the cost of operators. Using artificial intelligence and a database with 7 million people, we have developed innovative algorithms, software, and service that involve health management, capitation and means of payment.

www.nagis.com.br

Petrópolis, Brazil

Tiago Ferreira, CSO, tiago.ferreira@neki-it.com.br

Platform to unify the communication between Health Provider and Health Insurance noncompliance with TISS standard. It presents improved, simplified and integrated processes to authorize, update, cancel and billing. Easy-to-use and immediate onboarding, through a web interface. It is suitable for health insurance, medical practices, hospitals, clinics and other health providers.

www.ntiss.com.br

NEKI IT**OPTOMED****Oulu, Finland**

Petri Huhtinen, Business Manager, Solution Sales, petri.huhtinen@optomed.com

Optomed's *Optomed Screen* is a mobile and digitalized screening solution, which sets the safety and efficacy of Diabetic Retinopathy screening on a completely new standard. The solution advances the accessibility of screening enabling better management and improved clinical outcomes of diabetes. Cost-benefits are achieved through light infrastructure and minimized unnecessary referrals both having positive effect on the overall healthcare expenditure.

www.optomed.com

PEGAPLANTÃO**Campo Grande, Brazil**

Fabio Paradiso, CEO, fabio@pegaplantao.com.br

Pega Plantão is a corporate solution to optimize working shift management using a cloud platform to connect coordinators and professionals in an app that can be accessed from anywhere. Mobile apps provide organized schedules, shifts exchanges, on-call reminders, check-in, and check-out registration and several efficient adaptable reports, anytime.

www.pegaplantao.com.br

Tilburg, The Netherlands

William Sommer, CEO, william.sommer@qtracer.com

QTracer is a cost-effective software tool that allows you to measure and evaluate your organizational performance, assess risk, prioritize improvements, increase collaboration and built automated reports for leadership and front-line staff. The system is purpose-built to easily support accreditation and continuous improvement of quality and safety of care.

www.qtracer.com

QTRACER**SIGTUPLE****Bangalore, India**

Rohit Kumar Pandey, Co-founder & CEO, rohit@sigtuple.com

At SigTuple, we are developing smart healthcare screening solution and services that are powered by advancements in robotics, artificial intelligence and cloud computing.

www.sigtuple.com

Lausanne, Switzerland

Stan ChereI, Territory Manager LATAM – scherel@sophiagenetics.com

SOPHiA GENETICS' mission is to democratize Data-Driven Medicine worldwide - a personalized approach to healthcare. We have developed a globally recognized artificial intelligence SOPHiA, connecting the largest network of healthcare institutions in the world, serving over 480 institutions across 60 countries. Up to date, SOPHiA has helped diagnose over 218'000 patients worldwide.

www.sophiagenetics.com

SOPHiA GENETICS**SYNAPSYSTEM****São Paulo, Brazil**

Renato Dezidério, CEO, renato.deziderio@synapsystem.com.br

Synapsystem's Business Assurance platform enables and simplifies the process of nonconformance conditions monitoring and assessment that may jeopardize institution's reputation and financial health. The platform allows a range of assessment models that include from healthcare economics to clinical analytics and integrates seamlessly with various HIMS, HIS, LIS and EHR systems.

www.synapsystem.com.br

TNH**Rio Negrinho, Brazil**

Michael Kapps, CEO, michael@tnh.health

TNH Digital Health is a Brazilian healthcare startup that uses Artificial Intelligence to create ChatBots via SMS and Facebook Messenger to engage, educate and monitor the health of thousands of patients. Our bots are primarily focused on management of diabetes and hypertension, pregnancy & early childhood, as well as wellness (smoking cessation, osteomuscular pain and nutrition).

www.tnh.health

Barcelona, Spain

Gabriela Fuentes, Business Developer Manager,
gabriela.fuentes@transmuralbiotech.com

Transmural Biotech develops and commercializes innovative online services using disruptive technologies based on image diagnosis towards a personalized medicine. Our aim is to solve clinical needs in a more reliable, fast, easy-to-use and non-invasive way. First the product, quantusFLM is a 24/7 web application that through the automatic analysis of an ultrasound image gets results in minutes predicting Fetal Lung Maturity.

www.transmuralbiotech.com

TRANSMURAL BIOTECH**TRICOG****Singapore**

Dr Charit Bhograj, CEO, drcharit@tricog.com

Tricog Health is the worlds leading Health AI company that provides real-time cardiac diagnosis from physiological data acquired from ECG devices and providing a diagnosis within 6 minutes, thus enabling health care workers at remote locations across 12 countries to diagnose and initiate treatment for heart disease, saving precious time and thousands of lives.

www.tricog.com

New York City, USA

John Hui, Co-Founder & CEO, jhui@twiaged.com

Twiage offers an award-winning communication and workflow technology that enables hospitals to receive real-time patient data from ambulances and replace radio or phone communication. Paramedics can use Twiage's secured smartphone app to capture stroke symptoms in video, EKGs, trauma scenes through photos, texts, and digital voice memos, and send them to hospitals instantly along with a GPS-tracked ETA.

www.twiaged.com

TWIAGE**UE LIFESCIENCES INC****Philadelphia, USA**

Matthew Campisi, Co-Founder & CTO, matt@uelifesciences.com

iBreastExam is a US FDA cleared, clinically validated, non-invasive, radiation-free mobile health device operable by CHWs to identify breast lesions early at the point of care. Through distribution channels, iBE is scaling in 6 countries, including a partnership with GE Healthcare. To date, iBE has benefitted 150k+ women & more than 120 cancers diagnosed in public and private health programs.

www.uelifesciences.com

UMANICKThe logo for UMANICK, featuring the word "umanick" in a lowercase, rounded, teal-colored font.**Valencia, Spain****Emilio Gallego, CEO, emilio.gallego@umanick.com**

UMANICK Identity for Health is a fingerprint, iris, and face biometrics solution to securely identify patients. We avoid patient harm stemming from identification errors in healthcare processes at hospitals and medical centers. We also eliminate fraud to the healthcare insurance companies by patient identity theft, reduce healthcare spending, and improve the image and reputation of the hospital.

www.umanick.com

Shfayim, Israel**John Logioco, CCO john@zebra-med.com**

Zebra Medical Vision is a medical imaging AI company which uses deep learning to create next generation AI products for the healthcare industry. Its Imaging Analytics Engine gives radiologists tools to potentially identify patients at risk at the point of care, thus allowing health institutions to improve patient care.

www.zebra-med.com

ZEBRA MEDICAL VISION**ZENYSIS**The logo for ZENYSIS, featuring the word "ZENYSIS" in a bold, uppercase, purple-colored font.**San Francisco, USA****Jonathan Stambolis, CEO, jonathan@zenysis.com**

Zenysis is a big data and artificial intelligence company. Our software integrates data from an unlimited number of information systems into a single unified workspace for analysis. Our solutions give clients a global view of their data for the first time, helping them uncover insights they can use to catalyze major breakthroughs in healthcare delivery and health outcomes.

www.zenysis.com

PARTICIPATING HEALTHCARE PROVIDERS

Participating Brazilian Healthcare Organizations that have expressed an interest in serving as a pilot site for innovators selected by the TechEmerge Health Brazil program.

ALLIAR

Number of facilities: 118
Headquarters: São Paulo - SP
Regions served: 5 regions
Number of patients: 2-3 million/year



Alliar is the second largest company of diagnostic imaging in Brazil and one of the largest lab networks in the country. Created in 2011 through the merger of 4 leading companies in the diagnostic imaging sector, currently, it consists of more than 20 different brands and operates through 118 service centers. Alliar is present in 42 cities and 10 states, including small and medium-sized Brazilian cities with high growth potential in São Paulo, Rio de Janeiro, Minas Gerais, Bahia and Mato Grosso do Sul. With a state-of-the-art infrastructure consisting of more than 120 MRI machines, more than 50 CT scanners, more than 350 ultrasound machines, and a high-level medical staff, Alliar has distinguished itself through the quality of its services. Alliar's mission is to unite technology, innovation, and entrepreneurship to bring excellence to medical exams in all regions of Brazil.

Dalben Home Care is a home medical assistance company. Founded in 1992, it offers services in two main segments: home care and senior care. The company is committed to bring the high-level customer service from large hospitals to patients homes, and it's recognized for the excellence in its services. Its trained professionals are oriented not only to observe the patients clinical conditions, but also to be attentive to the family's dynamics, delivering the best possible customer service. Dalben Home Care offers the logistics for home care services, including specialized staff, medicines, and equipment. The company has also a benchmark clinic, Althea, that is specialized in highly complex treatments, short and long term post acute care and rehabilitation.

DALBEN

Number of facilities: 1
Headquarters: São Paulo - SP
Regions served: 1 (SE)
Number of patients: 250/year



DASA

Number of facilities: 758
Headquarters: São Paulo - SP
Regions served: 4 (S, SE, CW, NE)
Number of patients: 14 million/year



Dasa Laboratories is the largest laboratory network in Latin America and the fourth largest in the world. It consists of 33 different laboratory brands with 758 service units in all of Brazil's regions but the north, with 18 Operational-Technical Nucleus for lab tests processing. Its state-of-the-art infrastructure consists of 125 magnetic resonance imaging machines, 75 computer tomography scanners, 3 positron-emission tomography machines, 13 nuclear medicine equipment and a complete array of ultrasonography, X-ray, and mammography equipment, it offers more than 3,000 types of examinations of clinical analysis and diagnostic imaging. It also offers the most advanced genetic, molecular biology and oncology exams. With the mission to be the leading global company in diagnostic exams, with the highest standards of efficiency, medical quality, and excellence in customer service, DASA Laboratories has the following certifications: CAP (College of American Pathologists), PALC (Clinical Lab Accreditation Program), NGSP (National Glycohemoglobin Standardization Program), ControlLab, International Proficiency Assay. It also has a Research Institute, responsible for more than 120 research publications last year.

DR.CONSULTA

Number of facilities: 48
Headquarters: São Paulo - SP
Regions served: 1 (SE)
Number of outpatients: 1 million



dr.consulta is a healthcare company that operates a network of clinics in the state of Sao Paulo, providing high-quality and affordable health care, in a fast and convenient way. The company was founded in 2011 and currently has 48 service units. It offers medical consults, exams and low-complexity procedures in more than 61 different areas, and has distinguished itself by the combination of high quality, low-cost and fast and easy access. dr.consulta's technological infrastructure allows patients to schedule an appointment in less than one minute and also keep track of exams, results and diagnostics. It also supports doctors to provide an accurate and continuous care, integrating patient's historical data in all interactions. The company is planning an aggressive expansion program for the near future.

Grupo Fleury is one of the largest medical organizations in Brazil and it's specialized in diagnostic medicine. Founded 90 years ago, the company consists of 9 different brands and a lab network of 170 Patient Service Centers (PSCs) and clinical analysis in 23 hospital institutions. It is present in 8 states, including Sao Paulo and Rio de Janeiro. Grupo Fleury became a reference for its excellence, focusing on customer service, innovation and technical quality. Through its modern infrastructure, Grupo Fleury offers a complete portfolio of medical exams, with more than 4,000 exams tests in 37 different medical specialties (clinical analyses, imaging, and others). The company focuses on technology and has a history as an innovative player in the healthcare sector, with 85% of its clinical analysis automated and co-development partnerships with technology companies and startups.

GRUPO FLEURY

Number of facilities: 170
Headquarters: São Paulo - SP
Regions served: 4 (S, SE, CW and NE)
Number of patients: 8.7 million/year



HOSPITAL DAS CLÍNICAS

Number of facilities: 11
Headquarters: São Paulo - SP
Regions served: 1 (SE, reference for the whole country in high complexity)
Number of patients: 2 million/year
Number of beds: 2,400



Hospital das Clínicas da Faculdade de Medicina da Universidade de São Paulo (HCFMUSP) is the largest hospital in Latin America and a reference center for the development and innovation of medical and scientific procedures. It is a public owned institution and its focus is on high complexity diseases. Founded in 1944, Hospital das Clínicas currently has 2,400 beds, 9 specialties institutes and 2 hospitals (auxiliary hospitals). More than 45,000 people visit the Hospital every day. There are 230,000 emergency cares and 50,000 surgeries each year. The Hospital has an average of 2 million outpatients and 90,000 inpatients per year. The hospital also owns LIM (Laboratórios de Investigação Médica), which is composed of 62 laboratories responsible for conducting scientific research, standardizing diagnostic techniques and offering courses to healthcare professionals.

The Sociedade Beneficente Israelita Brasileira Albert Einstein (SBIBAE) celebrates 63 years in 2018 and has become a reference in state-of-the-art treatments and humanized care. For the 7th year in a row, Einstein was ranked by the AméricaEconomía Intelligence Magazine as the best hospital in Latin America. Eretz.bio is an initiative by SBIBAE whose main mission is to foster entrepreneurship and innovation in healthcare. For entrepreneurs and innovators, Eretz.bio is the ideal environment to develop their projects, supported by Einstein specialists and an extensive network of Brazilian and international scientific leaders, executives and mentors. This incubator provides coworking office located in São Paulo/Brazil, enabling selected startups to work in a collaborative environment, access to Einstein's research institute and specialized support in areas such as intellectual property, software and equipment development, raising capital and access to grants and funding. In addition, the startups can interact with Einstein in other diverse ways: Pilots at Einstein; Research and technical validation projects; Codevelopment and Investment.

HOSPITAL ALBERT EINSTEIN

Number of facilities: 8
Headquarters: São Paulo - SP
Regions served:
Number of patients: 78,000/year
Number of beds: 916



HCOR

Number of facilities: 6
Headquarters: São Paulo - SP
Regions served: 2 (SE and CW)
Number of patients: 230,000/year
Number of beds: 300



Hospital do Coração (HCOR) is a private non-profit organization specialized in the treatment of highly complex diseases. Founded in 1976, with focus on cardiology, it later developed well-recognized services in other areas such as orthopedics, oncology, neurosurgery and diagnostic medicine. Currently, it has 300 beds and a high-tech infrastructure, which contains a linear particle accelerator (radiotherapy), gamma knife equipment for brain surgery and two hybrid operating rooms (with MRI and hybrid cath lab). This infrastructure has allowed Hospital do Coração to be on the cutting edge of medical procedures. It has hospital accreditation and three disease management programs certifications (Heart Failure, Myocardial Infarction and Hip and Knee Arthroplasty) by the JCI (Joint Commission International), the leading global quality and security accreditation in the health segment. Hospital do Coração has partnership with university centers to develop innovations for the healthcare system. It is also one of the partners of WhizHealth, Bionexo's innovation initiative - HCor adopted a platform developed by Pega Plantão, a healthcare startup company, to manage doctors shift hours, and it adopts solutions from others startups companies as well.

Instituto do Cancer do Ceará (ICC) is a private owned and non-profit organization with over 73 years of experience in teaching, research, diagnoses, integral health assistance and social responsibility. ICC is currently the maintainer of Hospital Haroldo Juaçaba (HHJ), Centro Oncológico São Mateus - ICC, Escola Cearense de Oncologia (ECO), support house Casa Vida, Rodolfo Teófilo college (FRT) and innovation hub ICC BioLabs. HHJ represents the largest hospital complex in the North and Northeast regions of Brazil for integral treatment of cancer and the third in the country in the number of oncological procedures through SUS (Brazil's unified health system). The institution's Care Line ensures the integral treatment of the patients by a multidisciplinary team composed of doctors, nurses, nutritionists, psychologists, physiotherapists, social workers, pharmacists and speech therapists, among others. The institution will be able to double its service capacity and create new services with the addition of a new annex building exclusively for SUS patients.

ICC

Number of facilities: 2
Headquarters: Fortaleza, Ceará
Regions served: 1 (NE)
Number of patients: 309,000/year
Number of beds: 180 (Hospital Haroldo Juaçaba)



HOSPITAL MÃE DE DEUS

Number of facilities: 12
Headquarters: Porto Alegre - RS
Regions served: 1 (S)
Number of beds: 380



Hospital Mãe de Deus is a privately owned, philanthropic institution whose maintaining entity also has 3 other healthcare facilities in Porto Alegre region. Founded in 1979, Hospital Mãe de Deus became a reference in the treatment of highly complex diseases and has also distinguished itself through its focus in high-level customer service, achieving 2 important certifications such as ONA (Organização Nacional de Acreditação), JCI (Joint Commission International) and Planetree.

Hospital Memorial Guararapes is a private owned hospital, located in the city of Jaboatão dos Guararapes. The hospital is part of two hospitals owned by Instituto Alcides D'Andrade Lima, a philanthropic association focused in the healthcare sector. Hospital Memorial Guararapes is a reference for the 900 thousand inhabitants in the region (most from low-income levels). It was the first intensive care unit installed in the area and became a benchmark in the region. The hospital is focused on maternity and other specialties, such as cardiology and oncology. Currently, Hospital Memorial Guararapes is planning an expansion program.

HOSPITAL MEMORIAL GUARARAPES

Number of facilities: 1
Headquarters: Jaboatão dos Guararapes, PE
Regions served: 1 (NE)
Number of beds: 151



GRUPO ONCOCLÍNICAS

Number of facilities: 50
Headquarters: São Paulo - SP
Regions served: 3 (S, SE and NE)
Number of procedures: 100,000/year



Grupo Oncoclínicas is a group of clinics focused on the treatment of cancer. Founded in 2010, the group currently has 50 service centers in 9 states, including São Paulo, Rio de Janeiro, Bahia and Minas Gerais. Recently, Grupo Oncoclínicas has made significant investments in radiotherapy, reinforcing its state-of-the-art infrastructure. With the mission of offering the best oncology services in the country, the group has focused on operational excellence, high-quality customer service, and technology. Grupo Oncoclínicas has received important certifications such as Accreditation Canada, ONA (Organização Nacional de Acreditação) and JCI (Joint Commission International).

Real Hospital Português de Beneficência de Pernambuco is the largest and most complete healthcare complex in the north and northeast region. The complex is divided in 6 facilities, including: an oncology center, a maternity and a cardiology center. The group has state-of-the-art infrastructure, with 4 labs and 63 specialty clinics, including a benchmark oncology center. Real Hospital Portuguese has a culture of strong training and the constant need for technology improvement has led the institution to engage with external innovation partners in order to achieve innovation.

REAL HOSPITAL PORTUGUÊS

Number of facilities: 6
Headquarters: Recife, Pernambuco
Regions served: 1 (NE)
Number of patients: 2,500 inpatients/month
Number of beds: 779



REDE D'OR SÃO LUIZ

Number of facilities: 36
Headquarters: Rio de Janeiro - RJ
Regions served: 3 (SE, CW and NE)
Number of patients: 385,000/year
Number of beds: 5,500



Rede D'Or São Luiz is a multi-specialty hospital group, the largest in Brazil. Founded in 1977, the company currently has 36 hospitals and more than 5,500 beds. Its hospitals are located in the states of São Paulo, Rio de Janeiro, Distrito Federal, Pernambuco and Maranhão. Rede D'Or São Luiz also has a benchmark oncology center, Grupo Oncologia D'Or, which offers high-level oncology treatment and diagnostic exams through more than 40 service units located in the states of Rio de Janeiro, São Paulo, Ceará, Distrito Federal, Bahia, Pernambuco and Tocantins. Rede D'Or São Luiz has one of the largest and most modern robotics infrastructure in Brazil, providing less invasive techniques and procedures to patients. The company has been in extensive contact with health startups and tech-companies through their Instituto D'Or and their mergers and acquisitions initiatives. One of Rede D'Or São Luiz's goals is to be the leader in quality of care and IT infrastructure. Instituto D'Or de Pesquisa e Ensino is non-profit part of the company, which is focused in education, research and innovation.

Rede Ímpar is a hospital network with 6 hospitals located in the cities of São Paulo, Rio de Janeiro, and Brasília. The Bueno family (former owner of Grupo Amil) currently owns the company. With 1,300 beds and 7,000 employees, Rede Ímpar is one of the few large independent hospital groups in Brazil. Following its mission of valuing life through high-level customer service and management excellence, Rede Ímpar received important national and international quality certifications, such as ONA (Organização Nacional de Acreditação) and JCI (Joint Commercial International).

REDE ÍMPAR

Number of facilities: 6
Headquarters: São Paulo - SP
Regions served: 2 (SE and CW)
Number of beds: 1,300



SANTA CASA DE PORTO ALEGRE

Number of facilities: 7
Headquarters: Porto Alegre - RS
Regions served: 1 (S)
Number of patients: 446.000/year
Number of beds: 1,127



Santa Casa de Misericórdia de Porto Alegre is a traditional, private owned, nonprofit and philanthropic 7 hospital complex in Porto Alegre, Brazil, serving both public and private. Each facility is specialized, including: general surgery, cardiology, neurosurgery, pneumology, oncology, pediatrics and transplants. Besides hospitalizations, Santa Casa also works with elective outpatient consultations, emergency care and laboratory and imaging diagnostics. Being a school hospital, Santa Casa received in 2017, +180 undergraduate Medicine students, +450 graduate students in 70 Medical Residence and other Graduate Courses programs. Over 400 Ph.D. professionals develop research within their facilities in 26 research centers covering 12 medical specialties. Half of them is engaged in Phase III clinical trials, and maintain their patients follow up databases. Lately, the management team started to focus on innovation, creating the innovation department and bringing startups to develop and validate technology solutions in a real working ambient.

Santa Casa de Misericórdia de São Paulo is a multi-specialty hospital located in the city of São Paulo. It is a privately managed hospital, founded over 400 years ago, becoming a reference in the treatment of high-complexity cases. Most of the hospital's patients come through public service. Santa Casa has over 1,590 beds and its infrastructure counts with 44 surgery rooms, 87 emergency rooms and its own lab for diagnostic medicine. Santa Casa de São Paulo also works as a teaching hospital.

SANTA CASA DE SÃO PAULO

Number of facilities: 6
Headquarters: São Paulo - SP
Regions served: 1 (SE)
Number of patients: 1.6 million/year
Number of beds: 1,297



SANTA CASA
de São Paulo

HOSPITAL SANTA PAULA

Number of facilities: 2
Headquarters: São Paulo - SP
Regions served: 1 (SE)
Number of patients: 14,000/year
Number of beds: 200



Hospital Santa Paula is focused on highly complex medical treatment. Founded in 1958, it currently has 200 beds, whereas 50 of them as ICU, serving 14,000 inpatients and 110,000 outpatients per year. Hospital Santa Paula offers benchmark services in the fields of cardiology, neurology, orthopedics and oncology, performing more than 9000 surgeries in 9 operating suites with state-of-the-art equipments. It has been certified by ONA (Organização Nacional de Acreditação) and JCI (Joint Commission International).

São Francisco Group is composed of 4 hospitals, an HMO, a dental plan and a highway rescue service. The group was founded in 1945 with the building of the São Francisco Hospital, in the city of Ribeirão Preto. After 1995, it started its business expansion program, entering the HMO, dental plan and highway rescue areas. Today, São Francisco Hospital is focused on high-complex procedures and it is one of the largest private hospital in its region, with 176 beds. The group has another 3 hospitals, the Netto Campello Hospital, with 72 beds, Hospital Independência - Day Hospital with 4 beds and São Francisco Hospital Araraquara with 80 beds that will be inaugurated in September 2018; They are located in the countryside of São Paulo State (Sertãozinho, Piracicaba and Araraquara, respectively). Its HMO, São Francisco Saúde, is the fourth largest HMO in Brazil, with 636,000 members in six States: São Paulo, Goiás, Mato Grosso do Sul, Mato Grosso, Minas Gerais e Paraná. The group's strategy is to be present in fast-growing regions (São Paulo's countryside and midwest) and focus on high efficiency and technology.

GRUPO SÃO FRANCISCO

Number of facilities: 95
Headquarters: Ribeirão Preto - SP
Regions served: 2 (SE and MW)
Number of patients: 1.2 million insurance clients (health + dental)
Number of beds: 332



HOSPITAL SÃO LUCAS

Number of facilities: 2
Headquarters: Ribeirão Preto - SP
Regions served: 1 (SE)
Number of patients: 9,600/year
Number of beds: 95



Hospital São Lucas is a multi-specialty hospital located in Ribeirão Preto, in the state of São Paulo. The hospital is a reference in the region, serving more than 11,000 outpatients per month in its emergency room and with a flow of 800 inpatients per month for other services. Hospital São Lucas is recognized for its quality in customer service and for its modern infrastructure. It became one of the first hospitals in the country to obtain the ONA (Organização Nacional de Acreditação) level III certification for excellence in customer service. The hospital's goal is to consolidate itself as a center for cardiology, neurology, orthopedics, and bariatric surgery.

Laboratório São Marcos is one of the top-rated lab networks in Brazil. With 70 service centers, located in 13 cities, it has a strong presence in the state of Minas Gerais. Started in 1941, Laboratório São Marcos has become well known for its focus on high-quality customer service and for its combination of tradition and innovation. With 2 highly scalable technical operation centers, and over 1,200 employees, it processes 1.3 million tests per month and serves 930 thousand patients per year. It offers genetics, toxicology, anatomy pathology and imaging exams. It also provides clinical analysis and vaccine applications. In 2001 Laboratório São Marcos received quality certification of PALC (Programa de Acreditação de Laboratórios Clínicos), the leading laboratory quality certification program of Latin America.

LABORATÓRIO SÃO MARCOS

Number of facilities: 70
Headquarters: Belo Horizonte - MG
Regions served: SE
Number of patients: 930,000/year
 inpatients/month
Number of beds: 779



SESI SP

Number of facilities: 95
Headquarters: São Paulo - SP
Regions served: 1 (SE)
Number of patients: 237,000/year
Number of beds: 5,500



SESI is the part of FIESP (Industry Federation of São Paulo State) responsible for social services targeted to industry workers, their families and communities. It acts through cultural, educational, sportive and healthcare initiatives. In the healthcare area, Sesi offers rehabilitation services (for clinic, sportive and work-related issues); immunization (for preventing epidemics such as influenza); women's health through mobile units; dentistry; nutrition; safety and health at work; and ergonomics. Sesi has a total of 56 service units in the state of São Paulo.

Hospital Sirio-Libanês is the leading multi-specialty hospital in Brazil. Located in the city of Sao Paulo, it started in 1921 as a non-profit foundation to provide healthcare to the Syrian and Lebanese communities living there. Its main unit currently has 439 beds and offers services in more than 40 different fields to 120,000 patients per year. The Hospital has been a pioneer in different fronts of medical service. In 1971, it started the first ICU (intensive care unit) in the country and it was also the first hospital in Brazil to provide a surgery with the assistance of a micro-camera, connecting doctors in Sao Paulo (Brazil) with doctors in Baltimore (USA). Hospital Sirio-Libanês has an active participation in projects for the development of the Brazilian Public Health System, using its expertise to manage 4 public hospitals and 3 ambulatories. The Hospital has distinguished itself through its focus on quality, achieving 7 quality certifications including JCI (Joint Commission International), the leading global quality and security certification in the health segment.

HOSPITAL SÍRIO-LIBANÊS

Number of facilities: 8
Headquarters: São Paulo - SP
Regions served: 2 (SE and CW)
Number of patients: 120,000/year
Number of beds: 439



HOSPITAL VERA CRUZ

Number of facilities: 6
Headquarters: Campinas - SP
Regions served: 1 (SE)
Number of patients: 14,000/year
Number of beds: 154



Hospital Veracruz is a multi-specialty hospital located in the city of Campinas (São Paulo state). Founded in 1943, it currently has 154 beds and serves 12,000 emergency room occurrences per month. Through its modern infrastructure and own lab, Hospital Vera Cruz offers services of chemotherapy, hemodynamic, hyperbaric chamber, and others. Currently, the hospital is passing through an ongoing expansion plan in an association with Hospital Care for the construction of new buildings and increase in the number of beds by more than 30%. The Hospital also have their own health care plan with 33,000 lives which account for approximately one-third of the hospital's volume. Hospital Vera Cruz is certified by ONA (Organização Nacional de Acreditação) and has received the Top Performance award for its ICU.

ADVISORY NETWORK

Thank you to the members of the Global Advisor Network for contributing their time and expertise to the TechEmerge Health Brazil program, and evaluating the 295 applications from 34 countries.

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ABOUT US

New technology, particularly through the increased use of smartphones and the internet, is having a transformational impact on people's daily lives. As TechEmerge, it is our mission to make sure that people across the world can take advantage of technological change. We see that new technology can be a global gamechanger for development, including in Brazil. Brazil's healthcare system currently faces various challenges in access, affordability, transparency, and efficiency. TechEmerge has the opportunity to catalyze the adoption and use of health technologies in Brazil, to create new business opportunities and improve delivery of care. Through the TechEmerge Health Brazil program, best-in-class health technology innovators worldwide are matched with healthcare systems in Brazil, to conduct local pilot projects and explore new partnerships that can benefit healthcare in Brazil.



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Bionexo is a Brazilian technology company that offers digital solutions to the healthcare industry focused on process management and procurement. Its marketplace currently holds a community of more than 1,400 healthcare providers and over 10,000 suppliers, generating more than \$2.5 billion in annual transactions. Founded in 2000, it is the main reference for digital health in Latin America, currently operating in five countries. Bionexo has long been recognized at the forefront of innovation within the health-tech sector, including through its newly launched whizHealth initiative that focuses on fostering the digital healthcare entrepreneurship ecosystem.

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