

smiles

JANUARY 2012

A newsletter from
TRIVITRON

03

TRIVITRON FORAYS
INTO **DENTAL SPACE-**
PIONEERING
SMILE TECHNOLOGY

04

HITACHI-TRIVITRON
JOIN HANDS TO BECOME
THE MARKET LEADER
IN THE IMAGING DIAGNOSTICS
MARKET IN INDIA

05

CUTTING-EDGE LASER
VISION CORRECTION

09

TRIVITRON
LAUNCHES
NEONATAL DIAGNOSTIC
PRODUCTS

REDEFINING
MEDICAL
TECHNOLOGY

TRIVITRON
HEALTHCARE
speaking your language

TRIVITRON Group of Companies

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TRIVITRON
HEALTHCARE
speaking your language

From the best in the world, to the rest of the world.

Trivitron was established in 1997, with an ear to the ground approach, understanding and speaking the customer's own language. For more than a decade, we have been providing cost-effective solutions that bring the most innovative medical technology products to healthcare providers.

With group revenues in excess of Rs. 500 crore in FY 2012, Trivitron today is the largest Medical Technology Company of Indian origin. And, we can proudly say almost every healthcare institution in India uses Trivitron Technology.

Our presence has moved to a global realm, with offices from countries like Sri Lanka, Middle East to South Asia and America.

Accessible and Affordable Medical Technology

Trivitron understands that medical technology should meet needs of the people and not just serve there purposes. Our aim is to enhance access and affordability of healthcare by all through a combination of local innovation, frugal engineering, partnership with MNCs and local acquisition strategies.

World-class technology, made in India

We have established South Asia's first state-of-the-art Medical Technology Park, Trivitron Medical Technology Park to manufacture internationally-accredited medical technology products in alliance with global pioneers in medical technology space.

The Trivitron Medical Technology Park will house 10 global brands to manufacture MT products for India and emerging markets of the world. The entire range of products to be manufactured in the TMTP will adhere to international standards such as ISO 9000-2003, ISO 13485, US FDA & Japan MITI certifications.

Collaboration and Innovation

Trivitron has entered into numerous technology partnerships with major players in the Medical Technology industry for the manufacture of various products, as follows:

- Hitachi-Aloka, Japan - manufacturing Ultrasound Systems and Colour Doppler
- Biosystems, Spain - manufacturing Diagnostics Laboratory Reagents
- ET Medical Devices, Italy - manufacturing Cardiac Diagnostic Instruments
- Johnson Medical, Sweden-manufacturing Modular Ultra Clean Operating Room, Pendants
- Vision Engineering, Pune, India - manufacturing X-ray and C-Arm systems
- Kiran Medical Systems, India - manufacturing Image Enhancement accessories and Radiation Protective products
- Johari Digitals, India - R&D and manufacturing Point of Care, Physiotherapy and Medical Aesthetics (Beauty and Wellness) products

Technology and Academics

A strong academic background combined with expertise that understands the healthcare needs of the country, can work wonders for medical technology in India. That's why we have teamed up with Indian Institute of Technology, Madras (IIT Madras) to set up the Trivitron Innovation Centre, a first-of-its-kind industry-academia collaboration for research and development of medical technology.

The centre of excellence focuses on the design and development of medical technology products that are cost-effective as well as of the highest quality. It includes a dedicated research centre and an advanced bio-medical engineering lab. Trivitron Innovation Centre is a giant step towards making India self-sufficient in terms of medical technology that is superior in quality, yet accessible and affordable to all.



CORPORATE DESK

Trivitron's Corporate Desk is an array of its initiatives and benchmarks in the Medical Technology Industry over the years. From pioneering the Dental space with Smile technology and leading Imaging diagnostics market by joining hands with Hitachi to establishing an academia relationship with IIT Madras and bringing about women's welfare, Trivitron has encompassed comprehension in the medical technology industry by staying innovative, diversified and moral.

Trivitron Forays into Dental Space - Pioneering Smile Technology

Trivitron, the largest medical technology provider of India, enters the dental space. It is launched with a mission to be the most comprehensive solution provider and undisputed leader with a significant value share in the consolidated Dental Products Market through an integrated offering of globally sourced, "premium brands" and locally manufactured high-quality "value brands". Trivitron Dental Technology will cater to all three major

areas of dental practices like Implant & Accessory products, Equipment and Consumables.

Mr. Sameer Bhat with experience of over 15 years in the Indian and overseas Dental Technology, will spear head the Smile Technology.

Trivitron Dental Technology has strategically associated with global brands like Biomet 3i, Osstell, Meisinger, DenMat, etc. to provide cost-effective and innovative smile technologies to patients in India and emerging markets.

Trivitron Healthcare Makes Strategic Investment in Kiran Medical Systems - to become the most comprehensive product & a. solution provider of medical equipment & accessories in Imaging Diagnostics in India



Trivitron Healthcare announces the completion of a strategic investment in Kiran Medical Systems Ltd; making Trivitron the most comprehensive product and solution provider in the country for medical imaging. Kiran Medical, global leader in image enhancement and radiation protection, joins hands with Trivitron Healthcare. Kiran Medical, with a leadership



Mr. Ramesh Modi, CEO, Kiran Medical Systems & Dr. G.S.K.Velu, Managing Director, Trivitron Group of Companies.

position in the U.S., Europe, Japan and Latin America, manufactures products such as Cassettes, Screens, Grids, Shields and Computer Radiography Systems. This investment further strengthens Trivitron's presence in South/ South East Asia, Middle East and Africa, which are its key export markets. It also enables an easy entry into the U.S., Europe, Japan & Latin America where Kiran has a strong presence.

Kiran exports its products to over 160 countries across the world; USA, Europe, Japan and Latin America being the primary markets.

Kiran Medical, primarily a manufacturing company, has world-class engineering capabilities and a state-of-the-art manufacturing facility measuring 70,000 sq ft in Mumbai. This strategic investment provides an opportunity for Trivitron to augment its offering by adding manufacturing of imaging accessories and radiation protection products from Kiran's portfolio.

Hitachi-Trivitron join hands to become the market leader in the Imaging Diagnostics market in India

Trivitron has entered into a strategic partnership with Hitachi Medical Systems to provide high-end imaging solutions such as CT, MRI, Digital X-rnd Ultrasound systems, thus expanding the already existing manufacturing JV (Aloka Trivitron Medical Technologies) for producing Colour Doppler & Ultrasound systems. This strategic association will enable Trivitron to cater to a larger medical imaging market & become the market leader in 2-3 years. This will make Trivitron one of the largest and complete imaging solution providers in the country. This association will also enable availability, accessibility of the most essential medical technology MRI



Trivitron and Hitachi join hands... from left: Mr. Takehiro Fujimoto San, Managing Director, Hitachi Medical Systems (S) Pte Ltd, Dr. G.S.K.Velu, Managing Director, Trivitron Group of Companies, Mr. Kanehiro Matsuda, Deputy Managing Director, Hitachi Medical Systems (S) Pte Ltd.

from the house of pioneers.

Aloka Medical has been taken over by Hitachi Medical Systems and now is known as Hitachi Aloka Medical Systems, offering solutions in Ultrasound & Colour Doppler.

Through its association with Hologic Inc, USA, Trivitron offers digital mammography and bone densitometer, Trivitron has also acquired Pune-based Vision Engineering to manufacture X-ray systems. Trivitron's aim is to offer cost-effective medical technology products in India and emerging markets of the world for better healthcare access.

Technology, Innovation and Academics

Looking into the future, we realise that researching medical technology is the key to discovering newer and more innovative ways of finding solutions that lower the cost of healthcare. In a partnership with academia, that is the first of its kind in the field of medical technology in India, Trivitron has

partnered with the Indian Institute of Technology (IIT), Madras, a world-class engineering institute to set up the 'Trivitron Innovation Centre'. Combining their engineering might with our industry knowledge and expertise, the centre's bio-medical engineering facility has our scientists working on medical technology solutions of the future. Through research, we drive ourselves higher and harder to realise our dream of affordable healthcare for all. The centre of excellence will design and develop Medical Technology products that are cost effective as well as of the highest quality.

The Trivitron Innovation Centre has commenced its research operations and in phase 1, will focus on research in areas of ophthalmology, cardiac care and laboratory diagnostics.

We have also partnered with Anna University to develop and market medical instruments in IVD segment. The first innovation from Anna University-Trivitron is path-breaking

drug susceptibility Antibigram that gives results directly from a blood sample in just 6 hours using innovative fluorescence technology.



Retinal Kiosk



health worldwide to install South Asia's first full field Digital Mammography with Tomosynthesis (a US FDA approved product) at Apollo Cancer Hospital, Chennai. The system was inaugurated by Dr. Prathap C Reddy, Chairman, Apollo Group of Hospitals in presence of Mr. Jack Cumming, Chairman, Hologic Inc., USA on 5th April 2011.

Digital Mammography placed in premier govt. and research institutes

First Digital mammography with prone table biopsy has been placed in the country's premier institute, All India Institute of Medical Sciences, (AIIMS) New Delhi. A unit is also been installed at Regional Research Center (RRC), Trivandrum.

Cutting-Edge Laser Vision Correction

First Single-Platform Femtosecond Laser installed, a milestone in the history of Cataract Surgery

Technolas Perfect Vision GmbH (TPV), a leading ophthalmology laser company, Bausch + Lomb, the global leader in eye health and Trivitron, the leader in medical technology of Indian origin takes pride in announcing the

first commercial availability of VICTUS, the CE certified platform approved for Lasik flap, astigmatic keratotomy, INTRACOR, capsulotomy and lens fragmentation.

In September 2010, for the first time in the world, at Maxivision Eyecare Center, Hyderabad, started the pioneering research work of Femtosecond Laser Cataract Surgery for Technolas Perfect Vision of Germany and conducted successfully, 500+ operations and presented them all over the world and this pioneering work was claimed as a milestone in the history of Cataract Surgery both by European Society and the American Academy.

The VICTUS platform is uniquely designed to support cataract, refractive and therapeutic procedures all on a single platform. The femtosecond laser technology enables greater precision in both cataract and refractive procedures compared to manual techniques.

Supracor and Intracor - Lasik way of treating presbyopia

With a vision to be the most respected alliance in medical technology for refractive surgery, Trivitron –Technolas Perfect Vision has introduced the latest refractive technology to treat Presbyopia, an extremely common condition affecting the entire



Technolas Perfect Vision GmbH for Lasik cataract surgery.



Intracor, a new intrastromal femtosecond laser procedure to treat presbyopia.

population over the age of 45-50 years. Intracor is a new intrastromal femtosecond laser procedure for corneal correction. The treatment lasts for 20 secs and helps get rid of reading glasses. The first system has been placed at Maxivision, Hyderabad. Maxivision has already performed surgery using the technology in over 100 patients. Other units are installed at Lotus Eye Care, Cochi and Narayana Nethralaya, Bengaluru.

Aloka Trivitron Medical Technology is an ISO 13485 certified

Aloka Trivitron Medical Technologies secures ISO 13485 certification for manufacturing Ultrasound and Colour Doppler in India. The certificate is an essential Medical Devices Quality Management System requirement for regulatory purposes. This puts ATMT on the global map of Medical Technology Manufacturing, conforming implementation and maintenance of an effective Quality Management System to meet customer and regulatory requirements. Aloka Trivitron Medical Technology is the first facility within Trivitron Medical Technology Park at Sriperumbudur.

Trivitron Healthcare has been awarded the coveted GIL; Growth, Innovation and Leadership Award 2010 by Frost & Sullivan

With this award, Trivitron Healthcare's leadership in defining a new era in the medical technology has been recognised internationally. Trivitron's initiatives aimed at providing cost effective and internationally accredited medical technology products in Indian



Dr. G.S.K.Velu receiving the Frost & Sullivan GIL 2010 award at Bengaluru.

and global markets. The award honours Trivitron Healthcare's unparalleled ideas and innovation in the healthcare sector and is recognition of the company's initiatives in manufacturing and design: The "Trivitron Medical Technology Park" and the "Trivitron Innovation Centre"

Trivitron Strikes Alliance with Stryker for Neuro products

Trivitron joins hands with Stryker to become an exclusive partner of their Neurovascular products in India. Stryker Corporation, one of the Fortune 500 Companies and also the 6th most admired company in Medical and Precision Equipment industry, has acquired the Boston Scientific Inc. (BSC) Neurovascular division in



Colour Dopplers manufactured at Aloka Trivitron Medical Technologies, Chennai.

October 2010. Trivitron has been associated with BSC for over 3 years for wide range of interventional devices in cardiology, endo and CRM segment.

Giving Back to Society

Over 300 Trivitronians painted St. Thomas Government School as part of its CSR commitment.

As a key healthcare player for the masses, Trivitron believes in a healthy and stress-free environment. The students of St. Thomas School in Uthandi, a suburb near Chennai were indeed a happy lot when the government school got a colourful facelift. Around 300 employees of Trivitron volunteered to beautify the school campus by painting the school walls with different hues.

Looking at the impact caused by a dusty habitat upon children, it was necessary for the school to renovate the school beams and walls and thus create clean and airy surroundings. Trivitron is happy to contribute to the healthy progress of these children and let them breathe in a disease-free environment.



Over 300 Trivitronians painted St. Thomas Government School as part of its CSR commitment.

JV NEWS

Strong partnerships have been and continue to be a catalyst to the growth, progress and success of Trivitron. Our joint ventures the world over have helped us share expertise from markets across borders. While we continue to expand, we set you at the peak of our existing partners. So whether it is a foray into new businesses, innovations and expansions or approvals and certifications, we'll keep you in the loop.

HITACHI-ALOKA ALLIANCE

- Rapid stride to be among the top 3 players in the Imaging market in India and Emerging markets. A recent shake-up took place in the global ultrasound market following the merger of Aloka and Hitachi Medical. The world of ultrasound market has long been dominated by four major suppliers (GE Healthcare, Philips Healthcare, Toshiba Medical Solutions and Siemens Healthcare), with a combined market share of almost 65% in 2009. However, the merger between Hitachi Medical Systems and Aloka may upset such dominance, particularly in the rapidly expanding Asia-Pacific market. "The merger of these two global specialists in imaging is clearly a strategic move to compete with the top-tier suppliers". Statistical reports show that combined revenues from Aloka and Hitachi would place them third behind GE and Philips globally, and second in the Asia-Pacific market behind GE. This deal could have significant consequences for the top-tier suppliers. Hitachi and Aloka are

both significant players in the Asia Pacific market, forecast as the fastest growing market in the world. Combined, they have the resource and sales network to serve for customers in the rapidly growing ASEAN region and China. Trivitron is now associated with Hitachi-Aloka in India to manufacture Ultrasound and Colour Doppler and market high end imaging solutions including CT, MRI, etc.

Biosystems improves the analytical sensitivity of HbA1c

Biosystems, Spain takes pleasure to inform about a modification on product HbA1c (code 13044) that improves the analytical sensitivity and



Biosystems Trivitron Diagnostic Solutions facility at Trivitron Medical Technology Park, Sriperumbudur, near Chennai.

accuracy of its results. The key features of the modification includes reagents becoming lot independent of calibrator lot, new calibration curve, Calibrator becoming a new single product (code 13045) with a presentation of 1 x 2mL. In the context of latest international guidelines, the units method adopted is the IFCCs mmol/mol instead of percentage. The HbA1c concentration in the sample is calculated using a new general formula.

Hologic Receives FDA Clearance to Include Advanced Body Composition Assessment in Its Bone Density Systems

Hologic, Inc. (Hologic or the Company) (Nasdaq: HOLX), a leading developer, manufacturer and supplier of premium diagnostics products, medical imaging systems and surgical products, today announced that it has received US Food and Drug Administration (FDA) clearance to incorporate the US National Health and Nutrition Examination Survey (NHANES)

Whole Body Reference Data into its Discovery Dual X-ray Absorptiometry (DXA) systems. These body composition values are useful to healthcare professionals in their management of diseases and conditions when the disease or condition itself, or its treatment, can affect the relative amounts of fat and lean tissue.

Hologic Selenia Dimensions Digital Mammography System Receives EUREF "Mammographic Type Test" Certification

Hologic Inc announced today that its Selenia Dimensions digital mammography system in two dimensional (2D) mode has been awarded "EUREF Type Test" certification by the European Reference Organization (EUREF) Council for Quality Assured Breast Screening and Diagnostic Services. Only three products have received EUREF approval to date, of which two are Hologic systems - our Selenia digital mammography system and now Selenia Dimensions, our newest breast cancer screening and diagnosis technology.

Boston Scientific Announces FDA Approval and U.S. Launch of PROMUS® 2.25 mm Everolimus-Eluting Coronary Stent System

Boston Scientific Corporation (NYSE: BSX) announced that it has received

approval from the US Food and Drug Administration (FDA) to market its 2.25 mm PROMUS® Everolimus-Eluting Coronary Stent System for use in vessels as small as 2.25 mm in diameter. The PROMUS Stent features a thin-strut, open-cell design to allow for excellent flexibility and conformability in the vessel. The low-profile stent and catheter tip help enhance deliverability, especially in small vessels. The PROMUS Stent is supported by the SPIRIT clinical trial program, which demonstrates that the

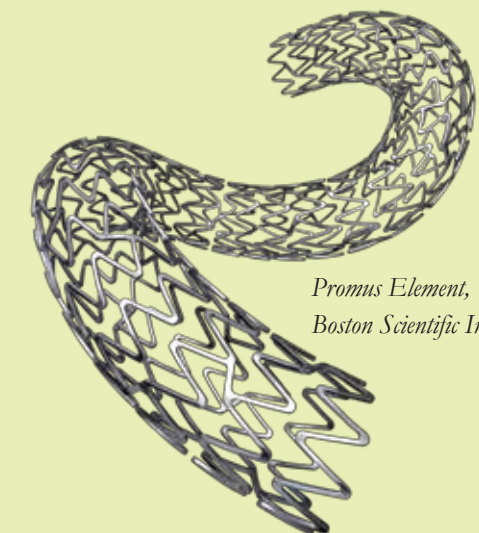
controlled release of everolimus results in low levels of late loss and a strong safety profile. The addition of this stent expands the available size matrix of Boston Scientific's PROMUS Stent portfolio to include diameters from 2.25 to 4.0 mm and lengths from 8 mm to 28 mm. Boston Scientific is the first and only company to offer two distinct drug-eluting stents to treat small vessels.



Digital Full Field Digital Mammography with Tomosynthesis from Hologic Inc, USA



Bone Densitometer System, Hologic Inc, USA



Promus Element, Boston Scientific Inc, USA

Divisional News

LABORATORY DIAGNOSTICS

Trivitron launches Neonatal diagnostic products

Newborn Screening, or NBS as it is commonly called, is the process of screening newborn babies for metabolic, genetic and blood disorders. It involves checking for a large number of diseases at the time of birth so that some sort of preventive measures can be applied.

Diagnostic Division within Trivitron has joined hands with Anilabs Systems, a well-known global player in the neonatal segment to market neo-natal screening products in India. Through this segment, Trivitron will be able to provide cost-effective solutions and care in neo-natal segment.

Newborn Screening refers to tests carried out on a newborn baby's blood to detect Inborn Errors of Metabolism



Neonatal Screening System, Ani Labsystems Oy, Finland.

(IEMs). These tests cover a wide variety of diseases and help in preventing future issues. Early detection may, in some cases, even suppress a disorder entirely.

Trivitron Pioneered in Cell Counter Market

Trivitron bagged two back-to-back orders of over 300 Haematology analysers in Gujarat & Maharashtra, making us the market leader in west India and one of the top 3 Cell Counter players in India. Trivitron Diagnostic division has been credited with two consecutive orders of over 130 units of Cellenium 19 Plus worth of Rs. 31



Cellenium 19 Plus, Trivitron Healthcare

crore from CMSO (Central Medical Stores Office) and over 180 Units of Vet Cell Counters from Animal Husbandry, worth Rs. 55 crore

Brand Registration - a step forward in indigenous manufacturing

Trivitron's indigenously manufactured Cell Counter, CELLENIUM gets a Trade Registration Mark, thus becoming an exclusive brand of Trivitron. Cellenium is one of the top 3 brands in three-part differential segment in Laboratory instruments category. The brand is also available as extensions, Cellenium Jr., Cellenium 19 plus and soon will expand the range.

Point of Care Products from Lab Diagnostics

Lab Diagnostics division within Trivitron has launched new revolutionary point of care products.

Fast Check:

It is a revolutionary new allergy test, which can rapidly be tested for over 24 different allergens in two simple tests. There are two versions of FastCheck POC, one for testing airborne allergies and the other for testing food allergies. The test takes just 30 minutes to complete and requires only about 100 micro litre of venous EDTA-blood or heparin blood. It is risk-free, patient-friendly and does not need any additional equipment or materials. It



Fast Check, Trivitron Healthcare

uses whole blood sample from fingertip and gives reliable visible results in 30 minutes.

Clover A1c:

Trivitron's diagnostic division has introduced One Step haemoglobin A1c measuring Systems, Clover A1c and a point of care HbA1c analyzer. Unlike the current available solutions, it is innovative with just one step Boron-Affinity technology which gives results in just 5 minutes with hands-on



X-Ray system, Vision Medicaid, India

time of 20 seconds. Clover A1c is suitable for multiple clinical applications, convenient with no fasting and no refrigeration. It is fully automated and has facility like USB, printer, scanner connectivities.

Trivitron Pioneered in Cell Counter Market-Trivitron bagged two back-to-back orders of over 300 Haematology analysers in Gujarat & Maharashtra, making us the Leader in West India and one of the Top 3 Cell Counter players in India. Trivitron Diagnostic division has been credited

Divisional News

IMAGING DIAGNOSTICS

with two consecutive orders of over 130 units of Cellenium 19 Plus worth of Rs. 31 crore from CMSO (Central Medical Stores Office), Gujarat and over 180 Units of Vet Cell Counters from Animal Husbandry, Pune worth of Rs. 55 crore.

Experience the future of Ultrasound diagnostic: Hitachi Aloka- Trivitron launches High end imaging solutions and its indigenously manufactured Ultrasound & Colour Doppler

Our continuous focus on Imaging Technologies has translated into a strategic partnership with Hitachi Aloka Medical, Japan to provide high-end imaging modalities – CT & MRI in select Indian markets, Digital X-ray and



Colour Doppler, Hitachi Aloka – Trivitron Medical Technologies.

advanced Ultrasound systems across the country.

Hitachi range of CT includes models ECLOS available in 4,8,16 Slices & SCENARIA, the 64 Slice Model.

We have launched high-end ultrasound systems for radiology and other shared service applications. The models include AVIUS, PREIRUS and ASCENDAS. The alliance has also launched state-of-the-art Real time Liver, Breast, Thyroid and Prostate Elastography and Real-time virtual Sonography which fuses CT/MRI images with ultrasound.

Hitachi MRI range includes 1.5 T super conducting magnet ECHELON and permanent magnet 0.3T AIRIS VENTO and 0.4T APERTO.

Also, launched are indigenously manufactured Prosound F 75 which has excellent refined image quality, comes with natural ergonomics, wide range of probes and preset functions. F 75 is user friendly for all clinical settings.

Vision Engineering Products exported to Japan

Vision Medicaid, a Trivitron group

company that focuses on the manufacturing of X-rays & C-Arms has entered into a contract with Kenko, based out of Tokyo, Japan, to manufacture X-ray Units for ENT use. Kenko is primarily focused on Optical Imaging Technology for sales and development of Filters, Photographs, Binoculars and Astronomic Telescope. The X-ray machines will be manufactured by Vision and will be sold under the brand name of Kenko in Japan. This is a symbiotic relationship which helps Vision to scale-up the production to meet the Japanese demand on quality & finish. **It is also a manifestation of the production capability of vision to maintain the Japanese standard.**



X-ray system, Vision Medicaid, India

CARDIOLOGY & NEUROLOGY SOLUTIONS

Boston Scientific's FDA Approved PROMUS Element

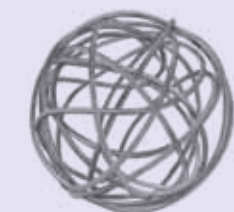
Cardiology (Devices and Equipments) is one of the major focus areas for Trivitron. Trivitron has been associated with Boston Scientific Inc, USA to provide the best non-invasive technologies to cardiologists, neurologists and gastroenterologists. Once again we bring an entirely new alloy for coronary stenting engineered exclusively by Boston Scientific which is the new innovative thin-strut Element™ Stent design, combined with Platinum

Chromium, enables exceptional performance. The new design of the Element Stent features shorter segments, two connectors and nested peaks. Features combined with the enhanced delivery system make the Element™ Stent the most flexible thin-strut stent available.

Target® Detachable Coils from Stryker

An innovative product to treat stroke, this uses Tenzing Technology which offers better Balanced Design, Controlled Delivery. The new design

uses 80 percent less metal for fast detachments with no compromise to tensile strength. It enhances visibility to facilitate accurate alignment. The FLUORO-SAVER MARKER intended to reduce radiation exposure time for physicians and patients.



Target Detachable Coils, Stryker, USA

JV Manufacturing News

JOHNSON TRIVITRON O.T. SOLUTIONS

Trivitron Johnson offers Turn Key solutions for Critical Care and Operating Room

Trivitron Healthcare and its manufacturing alliance Johnson Medical, Sweden launches and Pendants in India. It is one of the leading global medical solution providers specialising in Operating Room Solutions which includes Medical Gas Piping, Sterile Operating Rooms, Heat Ventilation and Air Conditioning and other services. Johnson Trivitron owns more than 35 patented products and has patented product in OT areas and solutions. This gives the highest standards in the industry airflow system which is an ultraclean environment plus energy saving for the dynamics of surgery. Over last 3 years, Johnson Trivitron has installed over 70 Modular Ultraclean Operation Theatres and over 200 Pendants in OT and ICU in prestigious top end institutions like AIIMS, Medanta Medicity, Fortis, Columbia Asia, etc.



Guided Airflow Ultraclean Operating Room, Johnson Trivitron OT solutions, India.

Made for the world, now made in India, Trivitron Launches Cardiac Diagnostics instruments in India

ET Medical, Italy, a highly specialised company in the development, production, marketing and worldwide sales of cardiac diagnostics equipment is now part of the Trivitron Family. ET Medical has formed a joint venture with Trivitron Healthcare and will henceforth be known as ET Trivitron Medical Solutions Pvt Ltd. ET MEDICAL SOLUTIONS are known under the brand CARDIETE and CARDIOLINE.

With this joint venture, ET Trivitron Medical Solutions will start manufacturing and marketing advanced technology cardiac diagnostic instruments which include ECG recording systems, Stress Test Systems, Holter ECG, ABPM record units, Patient monitoring systems and IT-based Telemedicine at its Chennai facility, Trivitron Medical Technology Park. Trivitron together with ET Medical aims to maintain and grow their leadership position in this segment by offering a comprehensive range of cost-effective cardiac diagnostic solutions in India and emerging markets of the world. Through this association, Trivitron brings significant value to your chosen field with ET Medical's technically superior products supported by dedicated sales and customer service team in over 30 cities across India.



Wireless ECG system, ET Trivitron Medical Technologies, India.

INTERNATIONAL NEWS

- Star Trivitron becomes the Gold Sponsor for Arab Health. Arab Health is among the largest Health Care Expos in UAE & Africa. Star Trivitron join hands with Stryker Ortho to be their exclusive distribution partner of Knee & Hip Implant surgical products.

- Kuwait Life Sciences, a 100% franchise of Star Trivitron started its operation in Kuwait & Bahrain, thus setting up Trivitron as one of largest medical technology delivery networks in UAE. Star Trivitron, the UAE wing of Trivitron Healthcare is also planning to penetrate in the GCC, Middle East and South Africa through this similar kind of franchise model.

- The month of March saw an eventful display by Star Trivitron as it participated in Arab Lab, Dubai where they have displayed the complete range of diagnostic products.

SCIENTIFIC & ACADEMIC SUPPORT PROGRAMMES

USCON 2011 Conference, Indore

Imaging being our one of the top 3 focus segments, we participated in USCON, a confluence of ultrasound users across the imaging spectrum. The platform was used to exhibit our indigenous manufacturing capability and also recently introduced high Ultrasound 4D technology from Hitachi - Aloka. Over 250 radiologists visited us over 3 days and were impressed with our product performance. A live demo of our new



USCON 2011, Indore.

high-end models from Hitachi-Avius & Preirus and Aloka's models - Prosound Alpha 6 and Prosound 2 were displayed and extensively demonstrated.

Ultrafest, Mumbai

Ultrafest is a dedicated ultrasound conference conducted every year at Mumbai. The conference covers only ultrasound topics and workshops done by luminary doctors. We saw a participation of more than 800 radiologist. We organised a workshop on neck ultrasound, conducted by Dr. Anil Ahuja on our Prosound Alpha 7 high-end Colour Doppler machine, with the assistance of V. Arul, International Application Specialist, Aloka, Japan. We

exhibited the Alpha 6,7 & Prosound 2 products. We also unveiled the Hitachi Aloka name in the conference. We had a very good response and did live demo of Alpha 6 & 7 in the conference. Our ATMT products Alpha 6, I4 and P2 are also in focus.

Dr. Harnam Singh Conference, Agra

The Dr. Harnam Singh Midterm CME of Indian Radiological and Imaging Association was conducted on 6th and 7th August, 2011 at Agra and was attended by more than 150 doctors. The two-day conference covered various topics on radiology including CT, MRI and ultrasound. Luminary doctors, Dr. Nitin Chaubal and Dr. Sudhir Gokhle conducted workshops on upper limb arteries and veins respectively using Prosound Alpha 6, the high-end premium Colour Doppler System and were assisted by Mr. V Arul, international application specialist from Aloka. Hands-on training was given to doctors on Prosound Alpha 6 and Alpha 7. Other products exhibited were the Prosound Alpha 7 and Prosound 2.

Scientific Symposium in Women's Centre, Coimbatore

Women's Center & OG Society of Coimbatore jointly organised a scientific symposium on Radiology & Imaging in Coimbatore on 2nd August. Over 100 specialists from in and around Coimbatore participated in the event. Trivitron displayed ranges of imaging products, namely the Trivitron Bone



Discussions at AOGIN (Lab Diagnostics), Mumbai.

Densitometer, Indigenously Manufactured Ultrasound Machines and Mammography machines which got a commendable response.

AOGIN 2011, Mumbai

The theme of the AOGIN conference was Challenges in Cervical Cancer Prevention and Treatment: Progress and Promise. AOGIN began its preconference workshop on 4th November at Tata Hospital and the conference-cum-scientific sessions from 5th to 6th Nov. '11 at Hotel Taj Islands, Mumbai. Trivitron participated actively with its partner Hologic Inc, the leader in woman's health. We displayed Thin Prep. AOGIN was attended by over 150 key specialists and of which



CYTOCON 2011 workshop in progress, Dharmad, Karnataka.

around 50 showed keen interest in our product and had a meeting at our booth. The discussions with customers were handled well by Mahendra, Yogesh and Mehul from Trivitron who

Technolas Perfect Vision participated in the APAO 2011, one of the biggest ophthalmology events held at Sydney Convention and Exhibition Centre, Australia. APAO, Sydney, Australia



were well supported by Dr. Vignesh and Dr. Parag from Hologic Inc. AOGIN acted as good platform to exhibit our strengths in cervical cancer segment and had received immediate enquiries to supply the liquid medium and broom.

CYTOCON 2011, Dharwad, Karnataka

Cytocon 2011 held at SDM Medical College, from 10th to 13th Nov. at Dharwad, Karnataka was a focused conference-cum-workshop on cytology, attended by over 100 eminent cytologists, pathologists and gynaecologists from the world over. As Gold Sponsor of the event, Trivitron- Hologic had access to the official Cytocon website with our logo and booth at a prominent and strategic point. We displayed ThinPrep 2000 processor with Gyneac and Non-Gyneac kits at the booth and had demonstrations of the equipment. This activity was very successful and doctors were keen to see the instrument and kits. Dr. Vignesh from Hologic, presented on the advantages of ThinPrep and our other product ranges for future use in cytology.

MICROCON 2011, Varanasi, U.P.

Being a major player in IVD segment, Trivitron supported the Microcon 2011 conference at Varanasi held between 23

and 26th Nov. '11 hosted by Department of Microbiology, Institute of Medical Sciences on the campus of Banaras Hindu University Varanasi. The theme for the conference was 'Microbes, molecules and beyond'.

Over 100 delegates visited us at the stall to understand our advanced technologies in the segment.

Training programme for Sebia range of products

Trivitron conducted a Product Training Programme on the Sebia range of products for the Diagnostic Service team. Mr. Chadi Dargam, Sr. Engineer, Sebia imparted the training. The programme covered the topics - Capillary and Gel Electrophoresis Technology for Instruments like Capillarys 2, Capillarys 2 FP, Minicap and Hydrasys.

ISOI, Hyderabad

Trivitron Dental Technologies was



ISOI 2011, Hyderabad

launched with much fanfare in Indian Society of Oral Implantologists,

Hyderabad on 21st October 2011. It was a launch that the entire Dental Implant community was waiting for and the impact of the same was tremendous. We were joined in this launch by our partner Biomet 3i, a world leader in dental implants and our combined show of strength was awe inspiring. TDT and B3i were PLATINUM SPONSORS. We had a keynote lecture by our speaker from USA - Dr. Alan Meltzer and he kept the audience absolutely glued to their seats for a full 2 hours with his concepts on implant dentistry. We also had a



AIOS 2011, Ahmedabad

dedicated symposium in a prime time session which was conducted by Dr. Kenealy from USA. With this launch we have created a lasting footprint of the Trivitron brand on the dental domain and very soon, TDT will be a market leader in dental implants.

AIOS, Ahmedabad

This February, Ahmedabad hosted the 69th annual Ophthalmological conference under the guidance of Dr. Tejas D Shah, Chief Organizing

Secretary, AIOC 2011. The conference drew more than 7,000 ophthalmologists from across the world. A number of scientific programmes, symposia, seminars, workshops, refresher courses, wet labs, etc. were conducted for the promotion and mutual exchange of knowledge in the field of Ophthalmic Science. As a leader in Lasik technology, we had a booth to promote our latest technology, Intracor and Supracor, to treat Presbyopia. We conducted an all-exclusive refractive surgeon's CME to impart knowledge on new technology. Dr. Kasu Prasad Reddy, renowned ophthalmologist from Maxivision, Hyderabad was the key speaker who shared his valuable experience with new technologies.

APAO, Sydney, Australia

Technolas Perfect Vision participated in the APAO 2011, one of the biggest



AIOS, Ahmedabad. 2011

ophthalmology events held at Sydney Convention and Exhibition Centre, Australia. Over 200 eye-care professional from 67 countries

including India participated in the conference.

Technolas displayed its Laser Suite Combo Unit for a test - drive to all eye-care professionals. Technolas also conducted a symposium focused on next - generation technology on 21st March which received fabulous response. In the symposia, Dr. John Chang MD spoke about new Excimer based presbyopic correction. Dr. Kerrie Meades gave a video presentation on clinical outcome of Custom flap & Intracor on 520 F and Dr. KP Reddy presented his case studies about Custom lens, a new and innovative Femtosecond Cataract System.

NELLAI SANDHIPPU 2011 – TNOA Annual Conference 2011

Trivitron and Technolas jointly participated in the 59th Tamil Nadu Ophthalmic Association Annual conference that was held at Tirunelveli from 5th to 7th August 2011. The conference aimed to provide up-to-date knowledge in Ophthalmology through a series of instruction courses, symposia, debate, recent advances in various sub specialities, live cataract surgeries, etc.. The conference was inaugurated by Dr. APJ Abdul Kalam, former - president of India.

In addition, we invited Guest Faculty from USA and other countries. Over

800 doctors from all over the country attended in the conference. Notable sessions were conducted by eminent specialists from India like Dr. Sundara Moorthy, Lotus Eye Care, Coimbatore on Laser Rejuvenator and Dr. Mohan Rajan on the Present and Future of Refractive Surgery.

Application Training Programme in Madurai Medical Mission

Trivitron Renal Care Division conducted an Application Training Programme from 27th to 29th April at Madurai Meenakshi Hospital. The intensive training on various topics like basics, diascan, AK 96 troubleshooting, etc. was conducted by Mr. Jayaraman, Manager - Application Support. A total of 10 dialysis technicians were given hands-on training and subjected to competency test. Post which, an induction session was conducted for the bio-medical engineers on the AK96 machine.

An update on ventilation systems

Trivitron Critical Care Division (ventilation) conducted a product training programme for its Sales & Service teams on 24th April 2011 at Trivitron Head Office. The training was conducted under the supervision of Mr. Meganath.

Initiatives and Responsibilities - MITR

Trivitron pledged to Make Indigenous and Transcendent Relation, MITR

MITR, as Trivitron defines its CSR initiative, is a programme through which we connect ourselves with society to reflect our corporate social responsibilities. MITR's initiatives unveils the theme Healthy

Environment. Trivitron has adopted a school at Uthandi, near Chennai to improve its environment and make education a pleasant experience. Our focus has been to provide a healthy environment to school and support the education of children to create tomorrow's leaders of India.



Trivitron felicitates its best performers for FY 2011

Trivitron announced and felicitated its best performers for FY 2011. The award categories included Individual, Team, Service, Support, etc. The selection criteria were Revenue generation, Profit, Process, etc. Congratulations to one and all!

Best Individual Sales Performance
Mr. Arup Ghosh (Imaging)



Best Performing Division
International Operations
(Star Trivitron Lab Division)



Best Growing Division
(Imaging)



Trivitronian of the Year
Mr. Brahadeesh



Best Office Support Team
(Logistics)



Best Managed Division
(Ophthalmology)



Best Individual Office Support
Ms. Vijaylakshmi (Administration)



Best Customer Support Team
(Imaging Division)



Best Performing Division
(Medical Devices)



Best Performing JV Organization
(BDPL)



Best Performing Zone
(North)



Straight from the heart... Dr. Venu, MD, addressing Trivitronians at TAAL 2011



Spirit of togetherness.. Volunteers waiting to board their bus to TAAL 2011

Trivitronians got together to celebrate TAAL - 2011

Trivitron celebrated its annual meet, TAAL on 20th & 21st April 2011 in Chennai. Differentiated by product and services and united by TAAL, it was an emotional reverberation through Trivitronians and a feeling of oneness. As the largest Medical Technology Company of Indian Origin entering into its next growth phase, our time could not have been better than this. The annual day nurtured bonding between various team members from across the divisions and departments towards the singular goal.

IT INITIATIVES

The IT Dept. activities primarily are in the areas of Server, Network and Security infrastructure maintenance and ERP support for all the locations of Trivitron – branches and warehouses which are managed with the two dedicated teams for IT and ERP.

ERP support

Being a leader in medical technology, we always aim to put ourselves on express highway to match global business processes. Trivitron has implemented its ERP system for a process-driven business operations and

internal processes. Trivitron IT Team has successfully implemented CRM in the ERP.

ERP implementation has been a continuous process of learning and customising after experiencing and using all the modules – Finance/Accounts, Supply Chain Management, Human Resources Management, Customer Resource Management (for all customer support activities monitoring) and Sales Force Automation (for monitoring all sales activities).

CUSTOMER SPEAK

Trivitron's biggest strength is its people because they are the face of the organisation. Below is some of the feedback we received over the last year.

By increasing awareness of breast cancer through education and by providing a state-of-the-art early detection facility, the Chennai Breast Centre accomplishes its mission to save lives through various initiatives, providing help for women today and hope for tomorrow. As part of our mission and vision, we installed South Asia's First Digital Mammography system with prone table stereotactic biopsy system in Chennai in 2009. The technology is from Hologic and was brought to India by Trivitron Healthcare, the leading medical technology company. In this facility, we have been treating over 150 breast cancer patients per year and our experience and outcomes with the technology have been excellent. This Multicare Platinum and Suros Atec Biopsy System, first-of its-kind in South Asia, is used to zero in on the suspicious areas seen on the digital mammogram and this is then biopsied under local anaesthesia. This means that there is no need for hospitalisation, general anaesthesia and there is no scarring. Patients feel more comfortable. We are extremely happy with the quick and easy procedures, low dose of radiation, avoid toxic treatment, accuracy, etc. Through the use of technology, we have been successful helping women live their lives to the fullest. We are thankful to Hologic Inc. and Trivitron for bringing us the latest medical technology solutions to the women's health space for better diagnosis and supporting us in our fight against breast cancer.



Dr. Selvi Radhakrishnan
Consultant Oncoplastic Breast Surgeon
Chennai Breast Centre & Apollo Specialty Hospital, Chennai

We have been using ThinPrep 2000 automated PAP smear processor for the last one year and are satisfied with this technology as compared to conventional Pap smear. The ThinPrep system is intended as a replacement for the conventional method of Pap smear preparation for use in screening for the presence of atypical cells, cervical cancer, or its precursor lesions (Low Grade Squamous Intraepithelial Lesions, High Grade Squamous Intraepithelial Lesions), as well as all other cytologic categories as defined by the Bethesda System for Reporting Cervical/Vaginal Cytological Diagnosis. We would also like to appreciate Trivitron's technical support that has always been to our satisfaction.



Dr. Nishant Saran
Dr. J. Saran's Laboratory, Ranchi



I have been using Ultrasound and Colour Doppler technology from Aloka Trivitron for over 13 years and I am extremely happy with it. I found it to be an excellent tool in my clinical practice. I am highly impressed with its image qualities and also the ruggedness of the machine which helps in lifecycle of the product. I also appreciate the Trivitron customer service support team and their excellent support.

Dr. Manju Sahi
Radiologist, New Delhi

Breast imaging has become an important subspecialty in radiology & X-ray Mammography has come a long way as tremendous improvements in technology have taken place in terms of image resolution, radiation dose reduction & patient comfort.

With the revolution in computers & software technology, analogue film-screen mammography has evolved to Full field Digital systems. 3D Tomosynthesis is one of the newer applications of the Full field digital Mammography & is one of the emerging technologies in early detection of breast cancer. This eliminates the problems of interpretation due to overlapping tissue in dense breasts resulting in better cancer detection, with better delineation of margins & better detection of micro calcification with few recalls, lower doses & less painful compression, obviating the need for additional views & unnecessary biopsies. We appreciate both Hologic Inc, USA for the technology and Trivitron who brought the technology to India and have supported us in our goal of providing quality healthcare to women in India.



Dr. Bagyam Raghavan
Consultant Radiologist,
Apollo Hospitals, Chennai



I have been using Ultrasound and Colour Doppler technology from Aloka Trivitron for over 13 years and I am extremely happy with it. I found it to be an excellent tool in my clinical practice. I am highly impressed with its image qualities and also the ruggedness of the machine which helps in lifecycle of the product. I also appreciate the Trivitron customer service support team and their excellent support.

Dr. Manju Sahi,
Radiologist, New Delhi

I have been using the Cellenium 19 haematology analyzer from Trivitron for the last 4 years. I am really satisfied with Cellenium 19's ability to provide highly accurate PLT counts and cell counts in body fluids. Another admirable feature of this instrument is its low running cost and low maintenance. To sum it up: it's good value for money!

In addition to this, Trivitron's friendly, prompt service and their staff's technical knowledge is what really makes me a satisfied user of their systems!

Dr. Ajit S. Shah
M.D. Path, Central Mumbai



I wish to inform you that we have been using exclusive Gambro HD Machines at our unit. Experience with them has been good and we are satisfied with the service provided by Trivitron's engineers.

Dr. Tarun Kumar Saha
Sr. Consultant Nephrologist, Hyderabad

The Regional Cancer Center, Trivandrum installed the Hologic Selenia Dimensions FFDM machine and Multicare Platinum digital prone biopsy table in April 2011. To date, we have done more than a 1,000 mammograms and nearly 10 prone biopsy/wire localisation procedures. On an average, we do around 20-25 mammograms a day. With the introduction of Selenia Dimensions our case volumes have nearly doubled and patient turnover time halved. Our technicians have pointed out to me that the procedural ease and speed has made patient output faster and more efficient. Both patient comfort and satisfaction levels have also significantly improved. Possibility of post-acquisition processing and direct filming from the Mammo-compatible printer has optimised workflow efficiency. On the diagnostic reporting front too, the BARCO dual head 5 MP Mammo compatible monitors have brought about significant improvements. Computer aided detection (R2 CAD) along with the system gives us the added luxury of a dual reader.



In a center like ours where breast mammography screening and early detection clinics are active this has been an invaluable tool in our crusade against breast cancer. We have already performed one accurate preoperative wire localization in a clinically occult lump with microcalcification, 3 stereotactic biopsies and one stereotactic vacuum assisted (SUROS) biopsy. The initial results have been encouraging with accurate and adequate tissue sampling in all the cases. Most importantly patient comfort and compliance have been excellent with no incidence of vasovagal reactions and other complications to date. All in all, our departmental experience with Hologic Selenia Dimensions FFDM machine and Multicare Platinum digital prone biopsy table have been excellent to date and we are sure the future holds more of the same. Technology from Hologic and customer support service from its provider in India, Trivitron has been excellent and supports us better in our fight against cancer as compared to conventional methods.

Dr. Sumod Mathew Koshy
Crusade against Cancer
The Imageology Division,
The Regional Cancer Center, Trivandrum

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OUR PRODUCTS

Trivitron brings you a comprehensive range of products with key focus on lab diagnostics (IVD), imaging diagnostics (in-vivo) & cardiology (medical equipment and implantable devices). Other areas of healthcare that we cover include ophthalmology, dental technology, critical care & OT. We also offer consultancy services.



Imaging/Radiology (change in sequence)

Colour Doppler & Ultrasound Scanners

CT

MRI

Digital X-ray

C-Arm Image Intensifier

X-ray Imaging Equipments

Mammography Equipment

Bone Densitometers

Image Management Solutions

Radiation Protection Products

Cathlab solutions

Interventional Radiology Products

Portable Laptop-based Ultrasound Scanners

Laboratory Medicine

Clinical Chemistry Analysers & Reagents

Electrophoresis Systems & Kits

Haematology/Coagulation Analysers & Reagents

Microbiology Culture Detection Systems & Kits

Molecular Diagnostics & PCR Systems & Kits

Cytology Processor and Kits (ThinPrep)

Immunoassay Analysers & Kits (CLIA/ELISA)

Blood Gas/Electrolyte Analysers & Kits

ELISA/RAPID Diagnostics Kits

Neonatal screening tests

Cardiology/ Cardiothoracic Surgery

Stents (Drug Eluting)

Stents (Bare Metal)

Implantable Cardioverter Defibrillators (ICD)

Defibrillators

Echo Cardiogram (Colour Doppler)

Portable Laptop-based Echo Systems

ECG Machines (1/3/6/12 Channels)

Pacemaker

RF Ablation System

Angiographic Catheter

Balloon Catheter

Guidewires

Electrolyte Analysers

Patient Monitoring Systems

Syringe Pumps (PRIDE Series)

Operation Theatre Lights

Stress Test Systems (PRIDE Series)

Treadmills/Holter Systems (PRIDE Series)

Point of Care Diagnostics Analysers & Kits

Ambulatory Blood Pressure Monitors

Intra Vascular Ultrasound (IVUS)

Rotabulators (for Interventional Cardiology)

Automatic External Defibrillators (AED)

Operating Room/ Intensive Care Unit

Guided Air Flow Ventilation System

Modular Ultraclean OT Suites

OT Pendants

Operation Theatre Lights

Infusion Pumps

Echo Cardiogram (Colour Doppler)

Blood Gas/Electrolyte Systems

Neonatal Intensive Care Products

ICU Pendants

Anaesthetic Gas Piping Systems

Nebulizers

Syringe Pumps (PRIDE Series)

Suction Pumps

Ventilators

Ophthalmology

FEMTOSECOND/Laser Cataract

SUPRACOR

INTRACOR

ZYOPTIX® Laser

FEMTEC®

Lasik Accessories & Consumables

Dental Care

Dental Implants

Bone Graft Membrane

Ortho Pantomogram (OPG)

Dental Chairs

Nephrology

Haemodialysis Equipments

Dialysers

RO Systems

Blood Tubing Systems

Dialysis Concentrate

AV Fistula Needle

CRRT Equipments/Consumables

Women's Health

Bone Densitometers

Ultrasound Scanners

Mammography Equipment

Sperm Analysers

Neurology

Stents

Balloons

Coils

Guidewires

Microcatheter

EEG Machines

EP/EMG Machines

Defibrillators

Diathermy Units

Patient Monitoring Systems

Syringe Pumps (PRIDE Series)

Operation Theatre Tables (Neurosurgery)

Gastroenterology

Balloons

Band Ligators

Baskets

Brushes

Cannulas

Catheters

Clips

Feeding Accessories

Feeding Replacement Devices

Feeding Tubes

Forceps

Generators

Guidewires

Inflation Devices

Injection System

Locking Devices

Needles

Snares

Sphincterotomes

Stents

Visualization Systems

Gastro Intraoperative

Ultrasound

TRIVITRON WORLD OF INNOVATION

Innovation from Hitachi Aloka-Trivitron - 4D Elastography Colour Doppler, the world's cutting-edge technology in non-invasive detection for liver/breast cancer, now within the reach of every Indian.



Innovation from Vision-Trivitron - cost-effective X-ray technology developed indigenously, is now exported to Japan.



Innovation from Kiran-Trivitron - innovative CT radiation protection shields, produced in Mumbai and exported to over 160 countries across the world, are lead-free and environmental friendly. They reduce cancer risks and protects sensitive tissues in the breast, thyroid, and eyes from radiation damage.



Innovation from Biosystems-Trivitron - leaders in IVD products for over 3 decades, now Trivitron's state-of-the-art facility manufactures Biochemistry Reagents from Biosystems SA, Spain.



Innovation from Anibiotech-Trivitron - a truly path-breaking innovation with India-Finland joint research and development. Multi Analyte/Multiplexing Lateral Flow Technology is a top patented point-of-care innovation that allows fast and accurate diagnosis even in rural areas. Now all infectious disease testing/cardiac-panel testing can be achieved from a single drop of blood.



Innovation from Labsystems-Trivitron - one of the world's most innovative neonatal screening technologies using Dried Dot sampling enables mass screening of neonates. A needed initiative to make our children healthy for a brighter tomorrow.



Innovation from Johnson-Trivitron - patented guided airflow technology for ultra-clean modular operation theatres ensures zero infection. This highly innovative patented technology is now manufactured in Chennai to make it accessible and affordable to all.



Innovation from ET-Trivitron - this remote medicine device accurately communicates ECG waveforms with interpretation from the patient's home to the doctor, saving precious lives with faster diagnosis and interventions during a heart attack. A vital innovation for integrated telemedicine in rural healthcare.



Innovation from Johari-Trivitron - USFDA approved pain management solutions is a modern technology manufactured in India with frugal innovation, made available and affordable to all.



Innovation from Anna University-Trivitron - speed is of the essence in microbiology sensitivity/susceptibility study. This unique innovation will revolutionise the way antibiotics are being administered especially in the emerging world. This innovative antibiogram uses blood samples instead of cultures, delivering results in just 6 hours instead of days. Allowing for quick diagnosis and prescription of the right antibiotics.



Innovation from IIT Madras-Trivitron - truly innovative technology that provides 3D visualisation of the probe guide inside the heart, a critical aid in effective and accurate treatment. A world-class innovation to make cardiac interventions safe and simple.



Innovation from IIT Madras-Trivitron - an innovative product from Trivitron Innovation Center at IIT Madras, this device will allow anyone anywhere to screen for Diabetic Retinopathy and other retinal pathology through a kiosk and wirelessly transfer the results to an ophthalmologist. A valuable innovation for eyecare wellness across the world.



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