

Vellore News

CMCH Vellore Web site:
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VELLORE PRESENTATIONS EVENING

7:00pm, Fri 19th May, 2017
Rosefield Uniting Church
2 Carlton St, Highgate

Speakers: Dr Cephas Satyanandan

Anaesthetist from CMC Vellore, currently working in the Intensive Care Unit at the Royal Adelaide Hospital

Dr Viju Daniel Varghese

Orthopaedic surgeon from CMC Vellore, currently working in Orthopaedics at the Royal Adelaide Hospital



If you haven't yet attended one of these evenings come along and try it! They are always great evenings with interesting and diverse speakers.

You are **all welcome** for an enjoyable and informative evening. Stay around afterwards for supper and a chat.

May 2017

Vellore
Clinical
Presentations
Evening

Initial Annual
Dinner 2017
details

Kannigapuram
Bricklaying

Patient
Stories

Exciting New Venue for the Annual Dinner this year!

This year the annual SA FOV Dinner will take place on **Sat 26th Aug, 2017** at an exciting and elegant new venue:

John DiFede Centre
10 Freebairn Street
Windsor Gardens, SA 5087

More information to follow soon, but keep the night of Saturday the 26th August free and start inviting family and friends!

Upcoming Events At A Glance

7pm, Fri 19th May, 2017

Clinical Presentations Evening
Rosefield Uniting Church

Sat 26th Aug, 2017

SA FOV Annual Dinner
John DiFede Centre
Windsor Gardens

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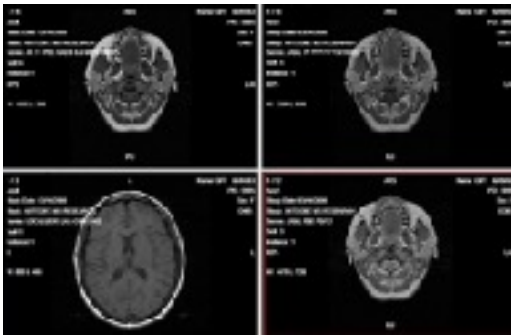
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CHIPS Department Installs One-Stop Database for Medical Imaging

A platform-independent Picture Archiving and Communication Systems (PACS) as an imaging solution for all medical disciplines and modalities was launched at CMC Vellore on April 5, 2017.

The dedication of 'InstaPACS' (Meddiff Technologies, Bengaluru) was held in Wheeler Hall with a welcome address by the Director, Dr Sunil Chandy. Dr Anil Kuruvilla, Associate Director (Admin) gave an overview of the new system, highlighting the steps involved in finding a comprehensive and cost-effective software solution to handle medical images for a variety of medical and surgical departments. He also commended the team effort of the CHIPS (Computerised Hospital Information Processing Service) department and the providers of InstaPACS that enabled the effective installation of the system and the customisation needed to meet the needs of various departments and improve clinical efficiency.



Mr Tapesh Agarwal, CTO and co-founder of Meddiff demonstrated the salient features, drawing attention to the zero-footprint image viewer that allows users to easily view images amongst a range of operating systems, using any device. The software has been integrated with the existing HIS developed by CHIPS allowing images to be viewed by the treating physician using the CMC 'Clinical WorkStation'.

Launched initially in the Department of Cardiology, the software helps doctors view angiography images and videos from their OP clinics and offices. Data can be stored in various formats with templates and facilities for reporting also available.

Giving his feedback, Dr Paul George, Professor & Head, Cardiology II, spoke of the benefits of the software for patient management, for enhancing efficiency, and for undertaking research studies. Dr Mathew Alexander, Professor & Head, Department of Neurology, commended the project as a step towards having a common storage for images which would aid in treating patients. Additionally, imaging studies done elsewhere and brought by patients on CD/DVD discs could be imported into InstaPACS which would also help the physician. The meeting concluded with a prayer of dedication by Rev. Finney Alexander of the Chaplaincy Department.

from April 2017, CMC Newslines

Vellore CMC doctors perform life-saving surgery on unborn baby

A multi-disciplinary team of doctors at Christian Medical College (CMC), Vellore performed EXIT (ex utero intrapartum treatment) procedure on a foetus having a neck mass recently.

EXIT procedure is a life-saving procedure done in a foetus whose air passages are obstructed either because of a large mass in the neck or in conditions like diaphragmatic hernia where the intestines, liver move up to the chest, and may prevent the baby from breathing after birth.

A pregnant woman was referred to CMC's labour ward at 37 weeks of pregnancy with her baby having a neck mass. A scan revealed that the foetus had a large, solid neck mass, measuring 7 x 8 cm. This was compressing its oesophagus (food pipe) and trachea (wind pipe).

While in the mother's womb, the baby gets its oxygen supply from the mother's blood via the placenta. After delivery, it needs to breathe on its own. It is here that the presence of airway obstruction due to the neck mass would prevent the baby from breathing on its own after birth, doctors explained, in the release.

It is here that the EXIT procedure plays a vital role. Its aim is to deliver the baby partially and keep the blood/oxygen flow from the placenta going. Meanwhile, a team of experts would pass a breathing tube into the

baby's airway so that the oxygen can be delivered to the baby's lungs through the ventilator. The umbilical cord is then cut.

"It is a common myth that EXIT procedure is as same as caesarean section. The challenge in EXIT is that we have to keep the uterus relaxed to ensure that the placenta stays in place and the baby gets its oxygen. We need a coordinated effort and a multi-disciplinary team for EXIT procedure," said Manisha Madhai Beck, associate professor and head of Obstetrics and Gynaecology unit 4, CMC.

She pointed out that the incidence of congenital neck tumours is around 1.7 to 13.5 per 100,000 live births. She noted that neck mass in a foetus was a rare entity and the procedure was done in very few centres.

The team comprised obstetricians, anaesthetists (general and paediatrics), paediatric otolaryngologists and neonatologists. It included Ekta Rai, head of anaesthesia unit-5, Mary John, head of paediatric ENT, Sridhar Santhanam, head of neonatology and Reeta Vijayaselvi, obstetrician. The team had a number of meetings and a mock drill before carrying out the procedure. While the baby was delivered partially, it took seven minutes to secure the airway after which the baby was delivered completely.

from The Hindu, April 2017

Stories from CMC's Services - Mr. A

Mr. A lives in a village ten kilometres from Bagayam and has suffered chronic severe psychosis for most of his adult life. Despite the best efforts of his mother and the psychiatrists at CMC, continuing disease dictates that he remains angry, harbours false, grandiose beliefs and obstructs all efforts to ensure adherence to treatment. Social support dwindled steadily as his father passed away and his mother grew older. Psychotic beliefs and behaviour alienated him from his neighbours. His wife abandoned him.

One day, he climbed an electric transformer and sustained severe burns across his chest and arms. To this day, he is unable to explain his actions. Sometimes he believes he was burnt by his persecutors.

When the district government hospital referred Mr. A. to Chennai for further treatment, his mother brought him to the Mental Health Centre because she was unable to make the journey without help.

The story of CMC's response to Mr. A's need demonstrates the many ways in which professionals and the community can collaborate across boundaries of specialisation and role.

Mr. A was admitted to the Psychiatry Ward, because his psychosis would have been difficult to manage elsewhere. Under the directions and advice of the Plastic Surgery and the Infectious Disease teams, Psychiatric Nurses enabled the healing of all burns apart from the site of entry of electricity on the right forefinger. Not only was the required grafting done by the Plastic Surgery team in their ward, treatment charges were written off and food was provided free for patient and mother.

Back in the Psychiatry Ward, relatives of fellow patients offered to collect free food from New Life Centre for Mr. A and his mother, since she could not leave his side. Clothes, utensils and toiletries were donated. Mr. Chandrasekhar of Udhavum Ullangal, provided transport between home and hospital and brought in an indigenous healer to bolster hope when the prognosis appeared worrying. After discharge, when Mr. A refused to come to hospital for review, the Psychiatric Team made home visits. Since symptoms had settled partially, a nurse living in the neighbourhood found the courage to administer essential depot antipsychotic injections at home.

This is one of many ways in which CMC not only provides essential, scientific, socio-economically tailored medical care, but also enables the coming together of contributions from the community within its healing processes and systems.

from Jan 2017 CMC Newslines



CMC pays a home visit to Mr. A's neighbourhood

New Radiology Equipment

New high-end equipment for Radiology A new fluoroscopy machine was dedicated on 26th April, 2017, at the Department of Radiology. This high-end equipment features a 2-in-1 facility of digital fluoroscopy and digital radiography. The machine promises flexible table movements and capability of high resolution images. Also dedicated alongside this were three new ultrasound machines.



Standing on the Shoulders of Giants

"We shape our buildings and thereafter, our buildings shape us."

These words were spoken by an expert brick layer who loved to build when he found time off from running the country. On the 20th of January, 2017, a month after the turning of the sod, many septuagenarians, octogenarians and a centenarian got a taste of Churchill's passion when they gathered together for a bricklaying ceremony.

The bricklaying ceremony for the trauma centre - a first of its kind in the State - and 1500-bedded multi-specialty hospital and teaching facility at Kannigapuram was conceived for various reasons.

One reason was to make sure that the buildings that we are shaping today and that will, undoubtedly, shape us - as an organisation and as a community in the coming days - are touched, blessed and shaped by the hands and minds that have given of their best to CMC Vellore.

Another was to acknowledge the giants on whose shoulders we have stood to see into the future.

"This event is a tribute to their lives, to their struggles and I'm delighted that they are part of this event," said Dr Sunil Chandy, Director, CMC Vellore. "I want to welcome all of you - dear teachers, senior faculty, most of whom have retired from active life but remain extremely engaged, interested and burdened about the way our institution is growing."



Even by the turn of the century, it had started to become obvious that the resources at our main hospital campus at Thottapalayam were not adequate to meet the challenges brought about by patients that were increasing by the thousands. However, it took us ten years to get here; ten years after the need for a new campus was first addressed.

While talking about the story and significance of Kannigapuram, Council Chairman, Dr M C Mathew, touched upon the three driving factors that went into the decision to set the wheels in motion - the need for "space creation, people's comfort and a healing ambience" which was also "the need for quality health care for all, whether someone can pay or cannot pay enough."

Talking to the students attending the event, Dr Chandy said, "You are the beneficiaries, you are the workers who will carry this dream forward" and invited them and the others in the gathering to take part in the "continuum of the story that began 117 years ago" by leaving their hand imprints on slabs of fresh, wet cement. The excitement evoked by this invitation was obvious when every able-bodied person made a beeline to the slabs. The slabs with the handprints, and the bricks laid by the elders will, at the time of construction, become a permanent part of the structure of the new hospital.

Overview of the Trauma Centre and Hospital at Kannigapuram

The State of Tamil Nadu, where CMC is located, has the highest rate of traffic accidents, traumatic injuries and related deaths in all of India. Despite this harrowing fact, there is almost no trauma centre in the state, costing thousands of lives every year.

CMC's New Trauma Centre will Save Lives

On its 88-acre campus on the Chennai Road (State Highway 4) in Kannigapuram, CMC will respond to this need with its Level I Trauma Centre and 1500-bed super-specialty hospital. There is no similar facility for over 100 km in either direction. The Centre is part of a major expansion at CMC that addresses the growing need for clinical "super-specialties," advanced research, tertiary care and more.

Key components of the Level I Trauma Centre include:

- 24-hour on-site coverage by dedicated Trauma Teams including:
 - orthopaedic surgeons
 - neurosurgeons
 - anaesthesiologists
 - emergency medicine, radiology, internal medicine and critical care specialists;
- a Cardiac Care Unit with its own ambulance bays and cardiac specialists ready for immediate life-saving care;
- Hand, paediatric, micro-surgeons;
- Over 30 Operating Theatres including 6 in the Trauma Centre itself.

The 1500-bed Hospital will provide state-of-the-art clinical and research facilities for many of the tertiary care specialties to better serve patients and alleviate crowding on the Main Campus.

The evening, compered by Jalaz Rahmi, a PG registrar, and Praneet Chitre, an intern, also saw the handing over of 5000 personalised stamps, featuring CMC Vellore, by Ms Radhika Chakravarthy, Post Master General of the Chennai City Region, to the Director and various past and present members of the Council.

The event seamlessly threaded together the past, the present and the future of CMC Vellore by inviting representatives from all three dimensions of time. They included former Council chairs, directors, principals and others who were involved in the administration of the institution at various levels; Council members currently holding office; representatives of various Friends of Vellore; medical and non-medical retired staff; members of the clergy; current staff and students; the builders, architects, engineers, workers and security men involved in the project, and prominent citizens in and around Vellore.

Some of the citizen leaders in attendance were Mr P Karthikeyan, Vellore MLA, Mr C Gnanasekharan, former MLA, Mr J Lakshmanan, Arcot, Dr Yezhil Christudas, Principal (IC), Voorhees College; Dr Anbu Suresh, Medical Superintendent, Scudder Memorial Hospital, Ranipet; Dr Shirley Chacko, Deputy Director, SIHRTC, Karigiri; Mr.Chandrasekharan, President Udhavum Ullangal; Mr Maninathan, Secretary, DKM Trust, and Mrs and Mr Pattabhiraman, businessman and philanthropist.



Dr Sunil Chandu, Director, CMC Vellore, hands the first brick over to centenarian alumna, Ms Anna Jacob.

Ms Anna Jacob, 102-year-old former Nursing Superintendent of CMC Vellore, was wholeheartedly acknowledged by all present as the guest of honour.

It was an emotional moment for many in the gathering when Ms Jacob, who was trained and mentored by Aunt Ida, was wheel-chaired forward, and laid the first brick with frail but ready hands and a proud smile.

from Jan 2017 CMC Newsline

Tax deductible donations to CMCH can be made online at: <http://australianfov.net.au/donations/>

Simply and easily make a donation to the work of the Christian Medical College and Hospital, Vellore.

Dr. Ian Roberts-Thomson
8 William St
Hawthorn, SA, 5062

Please accept the enclosed donation of \$..... to the work of the Christian Medical College and Hospital at Vellore, India.

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