



# G.KUPPUSWAMY NAIDU MEMORIAL HOSPITAL

( Multi - Speciality )

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## **GKNM Hospital** Introduces SIEMENS BIOGRAPH HORIZON **PET CT SCANNER**



GKNMH always strives to give the best to the patients; The department of Nuclear Medicine and Molecular Imaging of GKNM Hospital introduced Coimbatore's first 32-slice PET CT Scanner with cutting edge technology.

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## EDITORIAL

GKNMH is growing and moving forward to ensure state-of-art treatment to our patients. We had the installation of the PET Scan which will help us tailor treatment to our patients more precisely. We celebrated Cancer Survivors Day and it was heartwarming to have our patients talk about their experiences and motivate each other to stay strong and stay healthy.

Nurses are the backbone of our hospital. The Nurses' Day celebrations was an opportunity for our nurses to showcase their multitude of talents with music and dance that was enjoyed by all.

This edition of our newsletter includes interesting cases from the transplant unit and paediatric CT unit apart from the various events over the last 3 months. We hope you will enjoy browsing through it.

"Don't wait for extraordinary opportunities, seize common occasions and make them great."

with warm regards



**Dr. LATHA BALASUBRAMANI**  
Consultant Gynae Oncosurgeon



## From the CEO's Desk



**Dr. RAGUPATHY VELUSWAMY**  
Chief Executive Officer

As we reflect upon the events of the past year, it is undeniable that we have faced unprecedented challenges.

The COVID-19 pandemic has tested our resilience, but it has also shown us the power of unity and collaboration. Together, we have fought tirelessly to overcome this global crisis and emerge stronger than ever before.

Today, we stand tall, having recovered from the adversities we faced, and we are ready to accomplish even more. It is with great pride and joy that we announced the inauguration of our new Labor Theatre, equipped with state-of-the-art facilities to deliver babies with utmost care and precision. This momentous addition will ensure that we provide the best possible start to life for the newborns and their families.

In our unwavering commitment to comprehensive healthcare, we have installed a PET CT scan, bolstering our cancer center's capabilities. This cutting-edge technology will aid in early detection and precise diagnosis, strengthening our ability to combat this formidable disease.

The tireless efforts put into the development of Neuro Interventional Radiology showcased our commitment to advancing medical care—we made significant strides in the treatment of stroke patients, revolutionizing their care pathways and ensuring the highest standards of excellence. Furthermore, your tireless efforts in implementing cost-saving initiatives have not gone unnoticed, as we continue to strengthen our financial stability while maintaining the highest standard quality of care.

Looking ahead, we are embarking on an exciting new venture—the launch of our state-of-the-art outpatient center, scheduled to open its doors later this year. This milestone represents yet another testament to our collective vision and determination to expand our impact and reach. I have no doubt that together, we will ensure its success and deliver outstanding care to even more patients within our community.

On this remarkable journey, I extend my heartfelt thanks to all our staff members. Your unwavering commitment, dedication, and tireless efforts have been the driving force behind our success. Each and every one of you has played an invaluable role in making our institution what it is today. It is an honor to work alongside such an exceptional group of individuals.

Today, we stand together, united in our purpose to provide exceptional healthcare and make a difference in the lives of those we serve. Let us remember that our work is not merely a profession; it is a calling, a responsibility to uplift and heal. Together, we have the power to transform lives and inspire hope.

As we forge ahead, let us carry the torch of motivation and resilience. Let us continue to push boundaries, break barriers, and embrace innovation. Together, we can achieve greatness and create a brighter, healthier future for all.

Best is yet to come....

## INTERESTING CASE CAPSULES



### Cone Repair – New lease of life to a 11-month-old with Congenital heart defect

**Dr. R. Vijayakumar**

Director Paediatric Cardiac Surgery

Sridevi (name changed) is the second born child to her parents from Thanjavaur in Tamil Nadu. She is currently 11 months old. After birth, the baby had breathlessness. Baby was in ICU for 2 days. Post discharge, parents went to the local government hospital. From there the child was referred to another government hospital in Chennai. She was admitted for 7 days. Echo showed complex CHD, Ebstein's Anomaly (displacement of Tricuspid valve). Parents were asked to wait till the child grew older for surgery. They were kept on follow up. Parents consulted a private paediatrician who referred them to a Paediatric Cardiologist in Thanjavaur, Dr. Mani Ram Krishna. Again, echo was done, and diagnosis confirmed. Parents were counselled for surgery and referred to G Kuppuswamy Naidu Memorial Hospital (GKNM Hospital). The X ray showed that child's right heart (atrium) was enlarged and there was severe leakage in the Tricuspid Valve). Child was operated upon by Dr. Vijayakumar and team. The surgery lasted for 6 hours. The child underwent Cone Repair.

Dr Vijayakumar, Director Paediatric Cardiac Surgery of GKNM Hospital said that it was a very challenging case. The child's right atrium was enlarged because of the defect. It is very difficult to operate on a 11-month-old infant for Ebstein's Anomaly. In fact, this is the youngest child to be operated upon for Ebstein's Anomaly at GKNM Hospital in Coimbatore. Another important point to be noted is that the ventilator was removed immediately after surgery on the OT table. The child was kept in ICU for only 1 day and was discharged in a stable condition on 3rd day after the surgery. Dr Vijayakumar Raju thanked The Hans Foundation for the timely support provided. The child's parents were supported monetarily by "The Hans Foundation (THF)" through its "Little Hearts Program". The foundation's "Little Hearts Program" works with hospitals across the country to give a new lease of life to underprivileged children born with Congenital Heart Disease by supporting timely life-saving surgeries.



**Dr. S. Goutham**  
Consultant Nephrologist

## 1. Swap Transplant

We have successfully completed the fifth swap transplant of our Hospital on 1st of June, 2023. The most number of swap transplants than any other hospital in Coimbatore. It was a dual challenge.

1) A swap transplant involves 2 families among whom the kidneys from the donors are swapped and transplanted. It involves lot of co-ordinated activities and effort from every member of our team.

2) One of the swap recipient received a kidney from an incompatible blood group donor. Her antibody titres against the donor blood group was very high (She was highly sensitized and the chances that she might reject that kidney was very high) and she needed desensitization (removing the preformed antibodies and retarding the further production of such antibodies). We did the antibody removal with the help of an immuno-absorption column (Secorium) prior to the transplant. This is the first time this IA column was used in Coimbatore.

Our transplant nurses did a wonderful job in doing this complex and co-ordinated work. The final outcome is that both of the recipients are being discharged with a good graft function.

## 2. Organ Donation – An Inspiration!

We had a cadaver donor recently in our hospital which benefited 6 recipients. The entire team of MICU, Intensivist, Neurologist, Mr. Michael – Transplant Coordinator, Marketing Team and everyone involved in this process are very much appreciated in this effort which gave a new lease of life to not 1 but 6 people. The organ donation took place under the approval of TRANSTAN Transplant Authority Government of Tamil Nadu



**Dr. G. Gnanashanmugam,  
Dr. Sathyamurthy,  
Dr. Sabarish, and the nursing team**

which coordinates the transplant activities and also overlooks the CTP.

The cadaver donor, a 48 years old's lungs, kidneys, liver, and eyes were donated to 6 beneficiaries. This patient's family were well motivated and they came forward themselves the moment we prognosticated and told them brain death was imminent in the next 24 hours. Unlike traumatic brain injury, where there is unleashed inflammatory response and the whole brain gets oedematous and brain perfusion gets cut off, in stroke the brain perfusion gets cut off gradually and brain death pursues gradually. This patient's pupils got dilated on 02/05/2023 afternoon, however there was cessation of spontaneous breaths consistently only after 8.30 am on 03/05/2023. During this time, we had to insert invasive lines, start vasopressors, get x-rays, etc. We completed the first test by 10 am. This is the time when most families are emotionally charged and are in a denial mode. Counselling them to wait fails and they wish to stop treatment. This patient's attenders were very well counselled with compassion by Dr. Sabarish & Dr. Rudra and they were updated on what was happening. Till the transfer to OT, Dr. Anand coordinated with the retrieval surgeons. Mr. Michael, Transplant Coordinator, was the master of the orchestra from the moment we completed the first set of tests for brain death and special thanks to him. Special thanks to Dr. Sathyamurthy, Dr. G. Gnanashanmugam & Dr. Sabarish.



# PUBLICATIONS



## COVID-19 infected ST-Elevation myocardial infarction in India (COSTA INDIA) in Indian Heart Journal.

**Dr. Priya Karthick Prabhu**

Interventional Cardiologist

### Abstract

**Objective:** To find out differences in the presentation, management and outcomes of COVID-19 infected STEMI patients compared to age and sex-matched non-infected STEMI patients treated during the same period.

**Methods:** This was a retrospective multi-centre observational registry in which we collected data of

COVID-19 positive STEMI patients from selected tertiary care hospitals across India. For every COVID-19 positive STEMI patient, two age and sex-matched COVID-19 negative STEMI patients were enrolled as control. The primary endpoint was a composite of in-hospital mortality, re-infarction, heart failure, and stroke.

**Results:** 410 COVID-19 positive STEMI cases were compared with 799 COVID-19 negative STEMI cases. The composite of death/re-infarction/stroke/heart failure was significantly higher among the COVID-19 positive STEMI patients compared with COVID-19 negative STEMI cases (27.1% vs 20.7% p value  $\frac{1}{4}$  0.01); though mortality rate did not differ significantly (8.0% vs 5.8% p value  $\frac{1}{4}$  0.13). Significantly lower proportion of COVID-19 positive STEMI patients received reperfusion treatment and primary PCI (60.7% vs 71.1% p value  $\frac{1}{4}$  < 0.001 and 15.4% vs 23.4% p value  $\frac{1}{4}$  0.001 respectively). Rate of systematic early PCI (pharmaco-invasive treatment) was significantly lower in the COVID-19 positive group compared with COVID-19 negative group. There was no difference in the prevalence of high thrombus burden (14.5% and 12.0% p value  $\frac{1}{4}$  0.55 among COVID-19 positive and negative patients respectively)

**Conclusions:** In this large registry of STEMI patients, we did not find significant excess in in-hospital mortality among COVID-19 co-infected patients compared with non-infected patients despite lower rate of primary PCI and reperfusion treatment, though composite of in-hospital mortality, re-infarction, stroke and heart failure was higher.

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Contents lists available at Science Direct Indian Heart Journal  
journal home page: [www.elsevier.com/locate/ihj](http://www.elsevier.com/locate/ihj)



## **GOLDEN AIM CONFERENCE AWARDS 2023**

FOR EXCELLENCE & LEADERSHIP IN HEALTHCARE

## **G. KUPPUSWAMY NAIDU MEMORIAL HOSPITAL**

Awarded as

# **MOST TRUSTED MULTI-SPECIALITY HOSPITAL IN COIMBATORE**

# AWARDS

## Winning the Award for ACE Quality Improvement Program for CSSD 2022 - Large Healthcare Organization Category-South Region!!!

GKNM Hospital has been awarded the First Place under the Large Healthcare Organization Category for South Region. The Hospital has secured over 80% in the physical audit conducted as a part of ACE 2022 and is one of the top scorers in the above-mentioned category. We have undergone the Basic Course Modules and Advanced Course Modules. The Basic Course had 2 modules & the Advance Course had 7 modules, HOD CSSD , All CSSD technicians and staff of CSSD have completed both the courses and CSSD attenders have completed the basic course and all of them obtained above 80 %. Virtual audit - CAHO Virtual Audit was conducted on 27.10.2022. Final Direct audit was held at CSSD on 27<sup>th</sup> February 2023.

**The ACE award was conferred in the CAHOCON 2022 on April 15<sup>th</sup> at Hyderabad.**



# AWARDS

## BEST EMPLOYER BRAND AWARDS 2023



World HR Congress bestowed the “Coimbatore Best Employer Brand Awards 2023” to GKNM Hospital for Best HR practices and people friendly work culture.

Dr. Jayakumar, GM HR of GKNMH received the award on behalf of the hospital in an event held on May 11<sup>th</sup> at Vivanta Taj in Coimbatore. Yet another feather in GKNM Hospital’s cap!!!

Our hospital has been awarded the “Coimbatore Best Employer Brand Awards 2023” for our best HR practices and people friendly work culture.

We are the only healthcare institution to receive this award for the second time.

**WELCOME ON BOARD**



**Ms. A. Mary**  
Nursing Superintendent

# CONGRATULATIONS!!!

## ACADEMIC ACTIVITY FROM NEURO INTERVENTIONAL UNIT

1. Dr Rasmiranjan Padhi, MD, PDCC, EDiNR ,the chief consultant Neuro interventional unit was invited as a national faculty to deliver a lecture on Endovascular management of complex intracranial aneurysm in recently concluded CN Center Neuroscience Update held at Guwahati on 01<sup>st</sup> & 2<sup>nd</sup> April 2023.

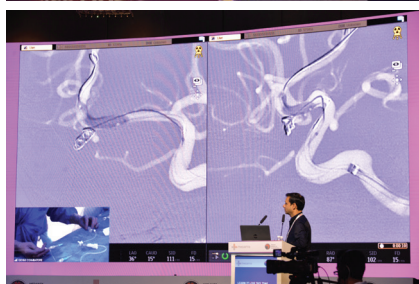
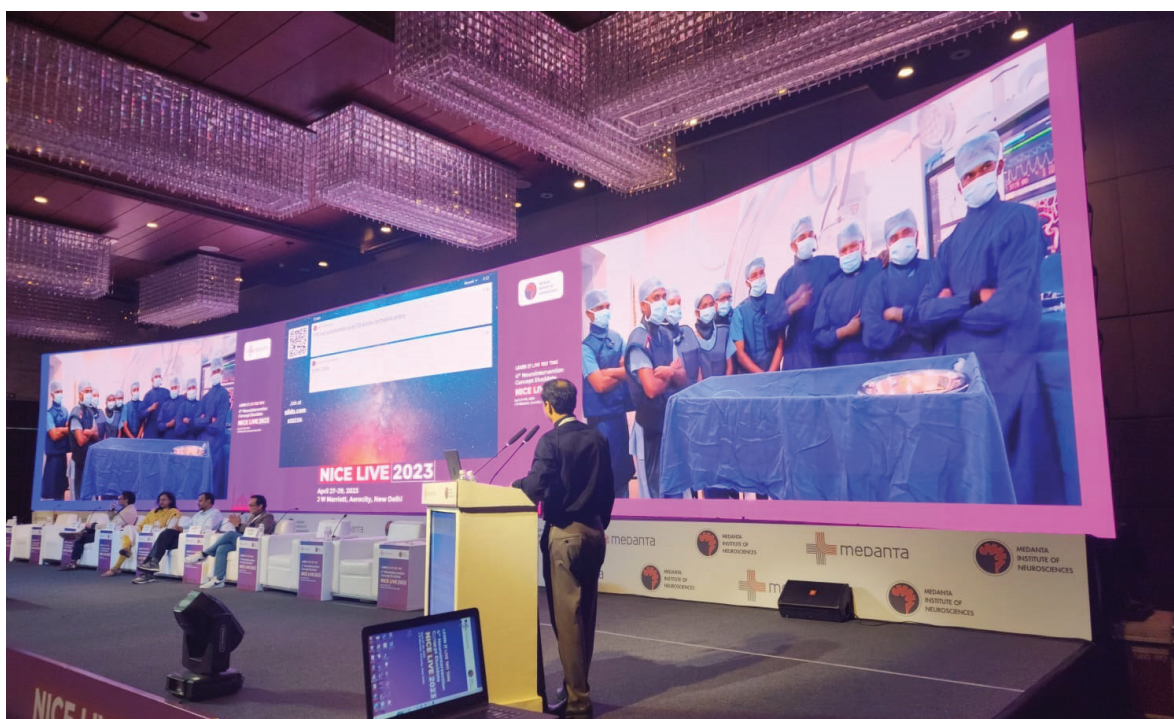
The talk was highly appreciated by the delegates. It was attended by eminent neurointerventionists, Neurologists & neurosurgeons from across the country.



# CONGRATULATIONS!!!

2. GKNM Hospital Coimbatore was selected as one of the center of excellence to show case its Neuro-interventional set up & Intervention skills for the recently concluded NICE LIVE conference @ JW Marriott Hotel, New Delhi on 29th April 2023. It was an international meeting of Neurointerventionists, neurologists & neurosurgeons. More than 30 cases were operated live from across USA, Europe, Australia, Canada & India.

Dr Rasmiranjan Padhi, the chief of neurointerventional unit had achieved the unique distinction of being the youngest operator of all. His team performed live balloon assisted coiling for ruptured MCA bifurcation aneurysm. It went on well without any complications & the patient got discharged without any deficit.





# CONGRATULATIONS!!!

3. In a quest to extend the Interventional Radiology services to the neighboring country & to increase awareness about minimally invasive treatment of various Vascular & nonvascular diseases, the Indian national vascular interventional radiology society (ISVIR) in collaboration with Bangladesh society of vascular interventional radiology (BSVIR) had conducted 2 days of conference & workshop at Dhaka on 13<sup>th</sup> & 14<sup>th</sup> May 2023.

Dr Rasmiranjan Padhi was part of the national delegates of 7 eminent faculties .He took classes on Neurointerventions including Mechanical Thrombectomy for acute ischemic stroke & management of Brain AVMs. He conducted workshop on how to perform Mechanical Thrombectomy. It was attended by good number of delegates.

He was honored by Dr Musa Khan, the Director general of Medical services, ministry of defense, Bangladesh for his contribution for growth of IR .



# CONGRATULATIONS!!!

4. In the recently concluded Resuscitation India summit 2023 conducted by Meenakshi Mission Hospital Madurai on 20<sup>th</sup> & 21<sup>st</sup> May 2023, Dr Rasmiranjan Padhi was invited as a key note speaker to deliver a talk on Stroke-2023-Heart of Resuscitation. Regional director of American Heart/stroke association was one of the many eminent international & national faculties attending it. There was great exchange of ideas among different specialists attending the meeting like emergency physicians, Cardiologists, Neurologists, Neurosurgeons & Neuro interventional Radiologists.



# CONGRATULATIONS!!!

## Great People Managers Mr. Biju Velayudhan

Mr. Biju Velayudhan, Chief Information Officer has been selected as one of the Top 100 Great People Managers of India by Great Manager Institute, National HRD Network and Economic times.



Great People Manager Study™ is India's largest study on people management for practising managers and recognizes the Top 100 Great People Managers. This research is conducted by Great Manager Institute® - an organization dedicated to the assessment, development and recognition of people managers.



All the participating managers and leaders go through a rigorous selection process using a multi-layered evaluation methodology. This finally culminates in a list of the Top 100 Great People Managers.

The methodology for this study captures team members' feedback through a valid and reliable survey instrument across 3 broad themes of Connect, Develop, and Inspire. In addition to the team feedback managers' day-to-day people management practices are also assessed.

National HRD Network (NHRDN) is a partner in doing this Study and eligible managers are jointly certified by Great Manager Institute® and NHRDN.

**We wish many more accolades your way!!!**

## Advantage Health Care – Medical Value Travel Expo, New Delhi – April 26, 27 & 28 – 2023

A team representing GKNMH had participated in the Advantage Health – Medical Value Travel Expo, New Delhi – April 26, 27 & 28 2023, a 3-day International Exhibition with regards to Medical Value Travel at Pragati Maidan, New Delhi. More than 500 delegates from various parts of the country as well as from around the world visited the expo.

GKNMH participated as an exhibitor and interacted with 125 plus foreign delegates from various parts of the world, to name a few – Sri Lanka, Bangladesh, Uganda, Bhutan, Nepal, African states, Fiji etc., The event gave us an opportunity to showcase our expertise in core specialities like, Cardiology, Cardiothoracic, Nephrology, Neurology, Oncology, Fertility and Paediatrics services, which were promoted therein.



## World Hand Hygiene Day – May 5, 2023

The World Hand Hygiene Day was observed at GKNMH Hospital on 5<sup>th</sup> May, 2023, organized by the Infection Control team along with Institute of Nursing to create awareness by performing activities like a skit to emphasize the importance of hand hygiene to the patients and their attenders in the waiting area of the hospital premises. Quiz competitions were organized, and the CEO handed the prizes to the winners of the competition.



## International Nurses Day – 12<sup>th</sup> & 13<sup>th</sup> May, 2023

The occasion of International Nurses Day was celebrated at GKNMH on 13<sup>th</sup> May. The achievements of our nurses were recognized by various speakers on the occasion and the nurses were felicitated and appreciated on the day. The event was organized at GKD auditorium on International Nurses Day by the Department of Nursing Services. Nurses who have completed 25 years and above in their service were honoured with the Long Service Award. Competitions were held prior to the event and prize distribution for the winners on the occasion.



# EVENTS

On the occasion of the International Nurse Day, we celebrated the achievement of our nurses. As a token of appreciation, Dr. Ragupathy Velusamy , The Chief Executive Officer and Dr. G. Manoharan, Chief Medical Officer distributed sweet boxes to all our nurses.



## World Emergency Medicine Day – May 27, 2023

The Dept. of Emergency Medicine organized an awareness program addressing the medical emergency situations such as Accidents, heart attack, etc by providing "Basic Life Support (BLS)" training. The awareness program had live demonstration of handling the health emergency and educated the general public with information in the waiting areas inside the hospital premises.

An activity was organized in the Prozone Mall, Coimbatore, and the ER team explained the public and the staff of the mall regarding the handling and management of health emergencies.





## Summer Camp – May 27, 2023

As part of the GKNMH Employee engagement program, a one-day summer camp was organized for our GKNMH employees' kids from 7 to 10 years of age.

The day started for the kids with an exciting unforgettable experience of visiting the GD Museum, which made them wonder struck. After coming back from the museum, to add to the excitement, lunch was arranged for them, followed by fun and activity Art and Craft workshop session. After which the children actively danced and swayed to the Zumba session conducted by Dr. Mahesh Mitra, Dr. Varsha, and Dr. Saravanan conducted a lifesaving BLS demo for the children. The day ended with the children showcasing their talent in singing and dancing followed by prize distribution by Dr. Madhavi to the young participants of various competitions. A memorable day indeed, making the children look forward to the next summer camp!!!



# EVENTS

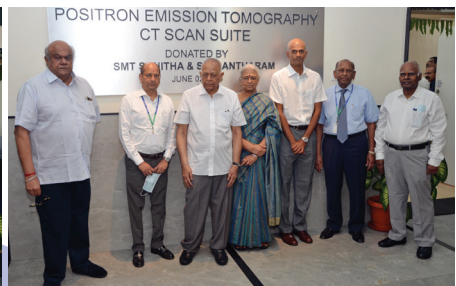
## World No Tobacco Day – May 31, 2023

The GKNMH Institute of Nursing organized a public awareness activity at the Lakshmi Mills traffic signal junction to promote tobacco free society. Mr. Mathivanan, Deputy commissioner of Traffic, Coimbatore city inaugurated the program in the presence of Dr. Sivanesan, Consultant Medical Oncologist and Mrs. Shanthi, Principal, INS. An Awareness Pledge was taken and the students of GKNMH Nursing Institute displayed the placards to create awareness.



## PET CT SCANNER – Inaugural Function – June 2, 2023

GKNM always strives to give the best to the patients and along those lines, keeping apace with the world-class technology available in advanced cities in india, the Department of Nuclear Medicine and Molecular Imaging of GKNM Hospital introduced Coimbatore's 1<sup>st</sup> 32-slice PET CT Scanner with time of flight and flow motion technology. A separate wing is dedicated to the same in "C" Block, and the occasion was graced and inaugurated by Smt. Sunitha and Sri. Santharam in the presence of the Sri. Pathi, President - KNC Trust for Education and Medical Relief.



# EVENTS

## VNCC – Cancer Survivors Day – June 10, 2023

A one-day event was organized at GKD auditorium on the occasion of National Cancer Survivors Day by the Department of Oncology, VNCC. Around 150 cancer survivors participated in the event.

“Light of Hope” a lamp lighting ceremony was arranged for the survivors. Chief guest Lion Dr. D. Viswanathan delivered a motivational speech and Mr. Srivas Krishna Chaitanya Das delivered a spiritual talk. Experience-sharing session by the survivors, and the experiences shared by the survivors were equally motivational and moved many to tears and a puppet show performance for the young survivors were the highlights.



## Awareness Rally “One Life One Family One Earth” organized by Coimbatore Sahodaya Schools Association – June 21, 2023

GKNM Hospital in association with Coimbatore Sahodaya Schools - An association for CBSE and International schools in Coimbatore, supported the event as Health Partner. An "Awareness Rally" with regards to G20 presidency to create awareness on "One Life One Family One Earth" on 21<sup>st</sup> June, 2023 was held at Race Course, Coimbatore. Certificate were given to the participants.



## Multi – Speciality Health check Up Camp Organized by Govt of Tamil Nadu – June 24, 2023

GKNM Hospital organized medical camps in two venues in view of Govt. of Tamil Nadu's initiation of 100 free Multi Speciality medical camp with respect to the 100th Centenary year celebration of Former Chief minister, Kalaignar Karunanithi. One of the venues being Thoppampatti village in Dharapuram district where Dr. Srinivasan, Cardiology dept and Dr. Dinesh from Emergency Medicine gave consultation to the general public. Another venue, where Echo screening was organized and done for general public in Govt High School in Suler, Coimbatore.



# BRAIN TEASERS

Can You Find Which Butterfly Will Reach the Flower First?



Mazes are great brain teasers because it really makes you think. To navigate through a complex labyrinth and find out a way, you indeed have to use enough cognitive resources. Mazes are also great brain games for kids as they help build their problem-solving and visual-motor skills.

So how long did you take to find out?

Answer: B










## G.KUPPUSWAMY NAIDU MEMORIAL HOSPITAL

(A UNIT OF THE KUPPUSWAMY NAIDU CHARITY TRUST FOR EDUCATION AND MEDICAL RELIEF)  
Coimbatore - 641 037



### "GKNMH UPAKARA"

-  "GKNMH UPAKARA" fund is created to accept donations / contributions under CSR Scheme from Individuals / Public / Companies.
-  To provide the core oncological services including Radiation oncology, Medical services, Haemato oncology, and Surgical oncology to the poor cancer patients.
-  To offer subsidized payment for Bone Marrow Transplant patients.
-  To subsidize payment to poor and needy cancer patients.
-  To subsidize care of poor patients, department wise, as designated by the donor.
-  The payment shall be made by Cheque / DD in favour of **"The Kuppuswamy Naidu Charity Trust for Education and Medical Relief"** payable at Coimbatore.
-  These donations are eligible for the exemptions u/ sec. 80G of the Income Tax Act.



Newsletter Team

Published by

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