MADRAS MEDICAL COLLEGE

18 FEBRUARY 2026

THE CAMPUS CHRONICLES

THE ECHOES OF OUR JOURNEY

DREAM
DEFINE
DELIVER

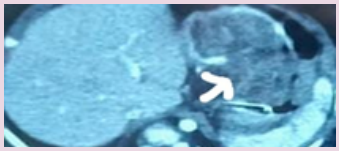
THE CAMPUS CHRONICLES

INSTITUTIONAL INSIGHT

INTERVIEW

THE TRILOGY

SCIENTIFIC MINUTES



THE ALUMNI MEET

HISTORY SNAPSHOT

FROM ACADEMIC TEAM

It is a great honor and privilege to be a part of Campus Chronicles - a living legacy of MMC. Each edition is more than just a publication; it is a chapter of history in the making, preserving moments that will continue to speak for our institution even decades from now. Each edition reflects not only events and achievements but also the shared spirit of learning, collaboration, and growth that defines our academic community. The achievements of every student are recognised and celebrated.

As Academic Secretaries, it has been both a responsibility and a privilege to contribute to the February edition. Working behind the scenes has given us a deeper appreciation of the dedication, curiosity, and excellence demonstrated by students and faculty alike. From academic milestones to innovative ideas, every contribution reminds us that our institution thrives because of the collective effort of its people. Beyond documenting events, Campus chronicles provides a platform for scholarly expression, allowing students to delve into specialised academic topics and present nuanced perspectives - exemplified in this edition by the discussion on the Artery of Percheron by one of our very own junior.

We extend our sincere gratitude to our respected Dean Dr K Shantaraman sir for his continued support and vision, and to our Chief Advisor Dr. Raghavendran sir and Editor in chief Professor Dr Chandramoulesswari for their constant guidance, trust, and encouragement throughout this process. Their mentorship has been instrumental in ensuring that Campus Chronicles remains a meaningful and evolving platform. Above all, this edition belongs to the students - whose achievements, perseverance, and passion continue to inspire us. We hope that these pages not only document moments in time but also serve as a source of motivation for future readers. Being part of this journey has allowed us to witness the academic vibrance of our campus in a unique way, and we are deeply honoured to contribute to preserving these stories for years to come.

Dharunasri S and Hariharan K Academic Coordinators, Campus Chronicles.

HEADLINES

INFOGRAPHICS

INSTITUTIONAL INSIGHTS

INSTITUTE OF CHILD HEALTH AND DEPARTMENT OF TRANSFUSION MEDICINE

The Institute Of Child Health And Government Hospital For Children,Egmore Department Of Transfusion Medicine inaugurated a state-of-the-art Automated ELISA Machine on 12 January 2026, marking a significant milestone in strengthening transfusion and laboratory services. The event was graced by the presence of eminent Chief Guests: Respected Director Sir Dr.S.Madhivanan,MD.DCH.,Mr.Sivasailam(MD),Mrs.Uthra (Finance Manager), Mrs.Manonmani (HR Manager),Mr.Elumalai (DM-Finance), Mr.Yuvaraj (DM - SCM) ,Mr.Boopalan(Director Sales), Mr.Vasanth Am Hr, Mr.Rajesh Kumar Pandian Senior Executive Procurement , Mr.Gupta Head Of Manufacturing.

1

2

INTERNAL MEDICINE

- A guest lecture on “Endocrine Emergencies - case based discussion” was held on 26.11.2025, with Dr. N. K. Narayanan, Consultant Endocrinologist, Apollo Hospitals as the speaker.
- A guest lecture on “Recent updates on HIV” was held on 1.12.2025 with speakers Dr. Ram Gopalakrishnan, Senior Consultant, Institute of Infectious diseases, Apollo Hospitals and Prof. Dr. S. Ragunanthanan, Director, ACS, AMRI and Professor of Medicine, Sri Lalithambigai Medical College and Hospital.
- A guest lecture on “Role of Newer diagnostic modalities in clinical care - A case based approach” was held on 16.12.2025, with Dr. Subramanian Swaminathan, Director, Infectious Diseases and Infection Control, Gleneagles Hospital as the speaker.

INSTITUTE OF CHILD HEALTH

Final year postgraduates Dr.Nandhakumar and Dr.Dinesh won first prize in the Diabetes quiz in INSPIRE CME conducted by Apollo children's hospitals on January 4, 2026 under the guidance of M7 Prof.Dr.Sridevi Narayanan

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ENDOCRINE SURGERY AND MEDICAL ENDOCRINOLOGY

A series of guest lectures on interpretation of Thyroid Function tests and surgical spectrum in thyroid disease was held on 20.1.2026, with speakers Prof.Dr. Shriraam Mahadevan. HOD, Dept of Endocrinology, SRIHER, Chennai and Prof.Dr. M. J.Paul, Professor, Department of Endocrine Surgery, CMC, Vellore.

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RADIATION ONCOLOGY

Guest lecture on “Healing beyond the beams - Introduction to palliative care and end of life care”, with a talk given by Dr. Divya Narayana, Chief Medical Officer - CMO, FWC , Military Hospital Chennai was held on 23. 1. 2026

INFOGRAPHICS

INSTITUTIONAL INSIGHTS

COMMUNITY MEDICINE

- On 12th November 2025, a Protocol Program for PhD Scholars was organized by the Institute of Community Medicine, Madras Medical College with participation from Madras Medical College, Chennai; Sri Ramachandra Institute of Higher Education and Research (SRIHER), Chennai; Christian Medical College (CMC), Vellore; and Jawaharlal Nehru Institute of Postgraduate Medical Education and Research (JIPMER), Puducherry.
- On 7th and 8th December 2025, a Basic Course in Biomedical Research – Research Methodology Workshop was conducted for the 2024 batch, with a total of 250 students enrolled and 231 students registered and attending the program.
- On 11th December 2025, during TNIAPSMCON 2025, a PG Quiz on "Healthy Beginnings and Hopeful Future" was held, where Dr. Karthik R, Dr. Yamuna Devi S, and Dr. Ashokkumar K secured the First Place, and Dr. Swathi S, Dr. Pradeepa M, and Dr. Prethesh Kumar K secured the Second Place.
- On 11th December 2025, during TNIAPSMCON 2025, Dr. Hemanth Kumar A won the Third Prize in the PG Oral Presentation titled "Burnout Among Resident Doctors in a Tertiary Care Teaching Hospital, Chennai – A Cross-Sectional Study."

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UPGRADED INSTITUTE OF OTORHINOLARYNGOLOGY

A two-day hands-on workshop on Basic Functional Endoscopic Sinus Surgery (FESS) and Ventral Skull Base Dissection was conducted in the Department of the Upgraded Institute of Otorhinolaryngology (UIORL), Madras Medical College, on December 19 and 20 for the postgraduates and faculty members of the department.

The first day of the workshop was exclusively conducted for the exam-going postgraduate residents of the department and focused on basic FESS procedures, sphenopalatine artery ligation, and dacryocystorhinostomy, conducted under the expert guidance of Prof. Dr. Janakiraman, a renowned skull base surgeon.

On the second day, the first-year postgraduate residents were trained in uncinectomy and middle meatal antrostomy under the guidance of the faculty members. Endoscopic approaches to anterior skull base and frontal sinus procedures were also demonstrated.

Campus Voice
MESSAGE TO THE FUTURE

Medical Biochemistry - The hidden power behind Modern Medicine

Interview with - Dr. K. Pramila, The Director, Institute of Biochemistry, Madras Medical College & RGGGH

It is a common misconception by medical students that Biochemistry is merely a subject of memorising cycles and pathways. Every student must have at some point been frustrated by the Kreb's cycle. But our talk with Dr. Pramila, the Director of the Institute of Biochemistry at RGGGH proved that there's more to Biochem than meets the eye. A fascinating subject which ties the thread with all the other clinical departments, Biochemistry is an overlooked superhero. A silent companion to surgeries, medical management and screening, without the advances in Biochemistry modern medicine wouldn't be what it is today.

What inspired you to choose Medical Biochemistry as your career?
Medical Biochemistry fascinated me because it explains disease processes at the molecular and cellular level. It forms the foundation for understanding diagnosis, treatment, and prevention of diseases. Over time, I realised that biochemistry silently supports almost every clinical speciality, and this deep connection between laboratory science and patient care inspired me to pursue this field.

2.You have worked in several medical colleges. How has this journey shaped your career?
I have worked as a professor in Stanley Medical College, Vellore Medical College, and the Institute of Child Health MMC, before assuming my current role as Director of the Institute of Biochemistry. Each institution exposed me to different patient populations, clinical challenges, and academic environments. This journey helped me understand how Medical Biochemistry adapts to diverse clinical needs and strengthened my commitment to government healthcare services.

3.Many students feel Medical Biochemistry is a "non-clinical" subject. How would you address this misconception?
This is a common misunderstanding. Medical Biochemistry is deeply clinical. It plays a vital role in diagnosing diseases, monitoring treatment, guiding emergency decisions, and preventing complications. Today, clinicians depend on biochemical investigations for accurate and timely patient management.

4.Could you explain the role of Medical Biochemistry in modern clinical practice?
Medical Biochemistry supports clinicians by providing laboratory evidence for diagnosis, prognosis, and treatment monitoring. From emergency medicine and endocrinology to oncology and organ transplantation, biochemical tests guide decision-making. Without biochemistry, modern medicine cannot function effectively.

5.The Institute of Child Health Biochemistry department is known for metabolic disorder screening. Could you elaborate?
The Department of Biochemistry at the Institute of Child Health is recognized as a Centre of Excellence for Rare Metabolic Disorders and serves as the state referral center for Tamil Nadu. We receive dried blood spot samples from across the state and identify metabolic disorders at a very early stage, often before symptoms appear.

6.Why is early detection of metabolic disorders so important?
Early detection can be life-saving. Disorders such as Phenylketonuria and Maple Syrup Urine Disease can cause severe mental and physical disability if untreated. If detected early, simple nutritional modifications can prevent permanent complications and allow children to lead near-normal lives.

7. What is the role of Tandem Mass Spectrometry in your laboratory?
Tandem Mass Spectrometry is a powerful technology used to screen newborns and high-risk babies for multiple metabolic disorders from a single blood sample. It is also used to monitor drug levels, especially immunosuppressant drugs in transplant patients, ensuring effective and safe treatment. We conduct regular workshops and training programs for MD Biochemistry postgraduate students from medical colleges across Tamil Nadu.

8. How does Medical Biochemistry contribute to newborn screening programs?
We are involved in universal newborn screening for congenital hypothyroidism. Early diagnosis prevents irreversible complications such as mental retardation. We also screen high-risk newborns for metabolic disorders, which is a major step toward preventive pediatric healthcare.

9. Could you tell us about the work done in preventing haemoglobinopathies?
Our department functions as National Health Mission Tamilnadu State Nodal Centre (NHM TN) for prevention of Thalassemia and Sickle Cell Anemia. We conduct carrier screening among school children and antenatal mothers, train doctors and paramedical staff, and focus on early identification to prevent the birth of affected children.

10. How does Medical Biochemistry support emergency medicine?
In emergency settings, rapid biochemical investigations help assess electrolyte imbalance, acid–base status, glucose levels, and organ function. These tests guide immediate clinical decisions and can be crucial for saving lives.

11. What is the role of biochemistry in toxicology cases?
In poisoning cases, biochemical analysis of blood and urine helps identify the toxic substance consumed. This allows clinicians to administer specific treatment rather than relying only on symptomatic management, thereby improving patient outcomes.

12. How does Medical Biochemistry assist endocrinologists?
Biochemical tests are central to diagnosing and managing endocrine disorders. Hormone assays help detect diseases of the thyroid, adrenal, pituitary, and pancreas.

13. What is the role of Medical Biochemistry in oncology?
In oncology, biochemical tumor markers assist in diagnosis, monitoring treatment response, and detecting recurrence. These markers complement imaging and histopathology, providing a more complete picture of disease progression.

Campus Voice

MESSAGE TO THE FUTURE

14. Could you explain how Medical Biochemistry supports organ transplantation?
In organ transplantation, especially renal and bone marrow transplants, monitoring immunosuppressant drug levels is essential. Using Tandem Mass Spectrometry, we ensure optimal drug dosing, preventing rejection while minimising drug toxicity.

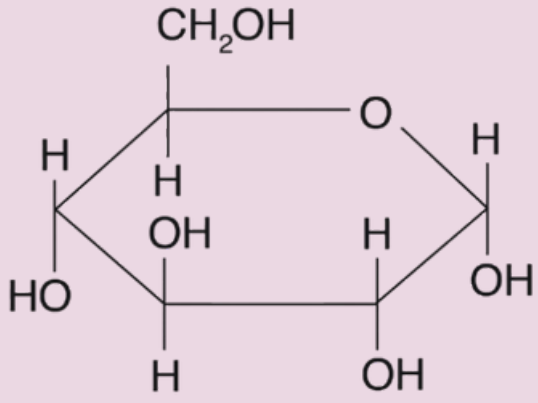
15. How does biochemistry collaborate with interventional radiology?
Medical Biochemistry plays a key role in specialized diagnostic procedures. For example, during Inferior Petrosal Sinus Sampling, biochemical hormone measurements help localize the source of excess ACTH, guiding precise surgical or interventional treatment.

16. What is intra-operative PTH monitoring, and why is it important?
Intra-operative Parathyroid Hormone monitoring helps surgeons confirm successful removal of abnormal parathyroid tissue during surgery. A rapid fall in PTH levels indicates effective treatment, reducing the need for repeat surgeries.

17. How do government medical institutions benefit the general public in this field?
Government institutions provide advanced diagnostic facilities at affordable or no cost. Services such as newborn screening, metabolic disorder detection, and genetic counseling are accessible to all sections of society, ensuring equitable healthcare.

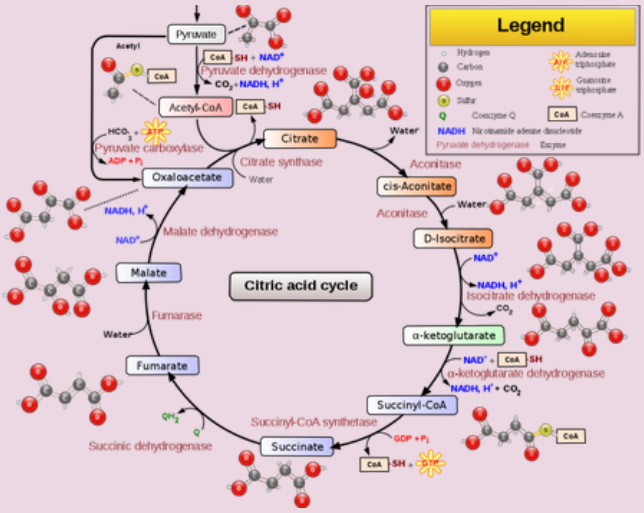
18. Medical Biochemistry is often described as a less explored but fast-growing field. Do you agree?
Yes, absolutely. Medical Biochemistry is rapidly evolving with advances in molecular diagnostics and technology. It offers immense opportunities for research, diagnostics, and clinical collaboration, making it an exciting career option for young doctors.

19. What message would you like to give to MBBS students considering their future career, especially in Medical Biochemistry?
I would like to tell MBBS students that choosing a specialty should not be based only on popularity or immediate visibility. Medical Biochemistry is the backbone of modern medicine. Every diagnosis, from a simple anemia to a rare genetic disorder, depends on biochemical understanding and laboratory evidence.



Medical Biochemistry allows you to see disease at its most fundamental level—at the level of molecules, enzymes, hormones, and genes. This deep understanding gives you a unique advantage in clinical reasoning, research, and innovation. As medicine is moving toward precision and personalised care, the role of Medical Biochemistry is becoming more important than ever.

For students who enjoy problem-solving, analytical thinking, and applying science directly to patient care, this field offers immense satisfaction. You may not always see patients at the bedside, but your work directly influences clinical decisions and can change the course of a patient's life—sometimes even before symptoms appear, as in newborn and metabolic screening.



Medical Biochemistry also offers excellent work–life balance, academic growth, and long-term career stability. There are opportunities in teaching, advanced diagnostics, research, public health programs, hospital laboratories, and policy-making. With emerging technologies such as Tandem Mass Spectrometry, molecular diagnostics, and genetic screening, the scope of the specialty is expanding rapidly.

Most importantly, Medical Biochemistry allows you to serve society in a meaningful way. Early diagnosis of metabolic disorders, prevention of hereditary diseases, and affordable testing in government institutions directly benefit large sections of the population. For students who want to combine scientific excellence with social responsibility, Medical Biochemistry is a highly rewarding choice.

I strongly encourage young doctors to explore this specialty with an open mind. It is a field with great future potential, growing respect, and the power to quietly but profoundly improve patient care and public health.

Ultimately, no matter which specialty one chooses, passion for the subject and sincere involvement are the keys to achieving excellence.

AN EMBRYONIC MYSTERY IN THE ABDOMEN

ABSTRACT:

Background: Gastric teratomas are extremely rare extragonadal germ cell tumors, predominantly occurring in male infants and account for less than 1% of all teratomas in the pediatric population.

Teratomas are germ cell tumors composed of tissues derived from the three embryonic germ layers: ectoderm, mesoderm, and endoderm. They most commonly occur in the sacrococcygeal region, gonads, mediastinum, and retroperitoneum.

Most gastric teratomas are mature and benign; however, immature variants containing embryonal or neuroectodermal components may occur.

CASEREPORT:

A 7-month-old male child was admitted to a private hospital with complaints of vomiting for two days and breathlessness for one day and found to have severe anemia with decompensated shock.

On the seventh day of hospitalization, a history of melena was noted. Further evaluation with Imaging revealed a gastric mass measuring approximately 4.5 × 5 × 6 cm arising from the lesser curvature of the stomach and occupying the cardia and fundus. Later,Referred to Institute of Child health and Hospital for children.

Upper gastrointestinal endoscopy demonstrated a large mass involving the cardia and fundus, while the antrum and pylorus appeared normal.The child underwent surgical exploration with anterior gastrostomy and excision of the gastric mass

DISCUSSION:

Gastric teratomas are rare extragonadal germ cell tumors, first described in the 19th century. The pathogenesis is believed to involve abnormal migration of pluripotent germ cells during embryogenesis.

HISTOPATHOLOGY

Gastric teratomas are classified as:
Mature teratomas – composed of well-differentiated tissue from all three germ layer and Immature teratomas – Containing primitive neuroectodermal elements.

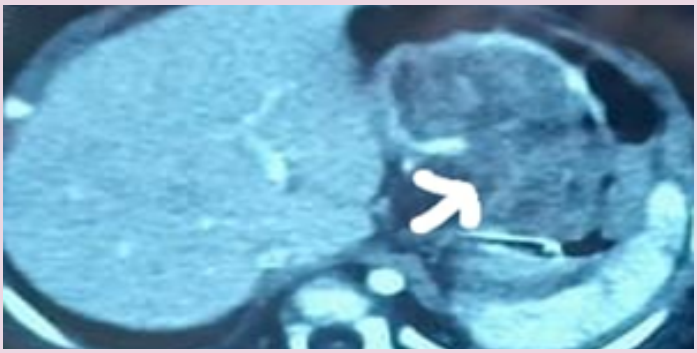
Immature neuroepithelium can be spindled,or with rosette,psuedorosette and primitive tubule formation with cells having scant cytoplasm, hyperchromatic nuclei and frequent mitoses.Grading which is based on No.of Low power microscopic fields containing Immature neuroepithelium in any slide as it has the strongest correlation with malignant behavior and prognosis.This case has been reported as GRADE-II IMMATURE TERATOMA.

Therefore, grading systems are standardized to assess only the quantity of immature neuroepithelium for consistency and prognostic relevance.Immature gastric teratomas generally have a favourable prognosis compared to other sites.

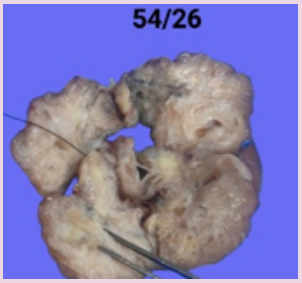
Conclusion

As mentioned in the literature, so far 100-120 cases of gastric teratomas, have been reported worldwide,of which 20-30 cases are immature gastric teratoma. This is the first case of Immature gastric teratoma reported in our institute.

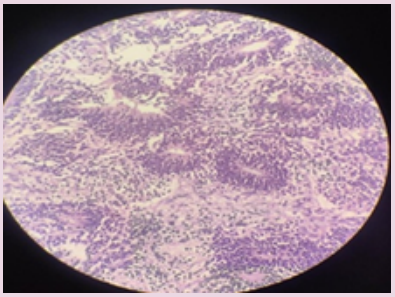
Upper Gastrointestinal endoscopy



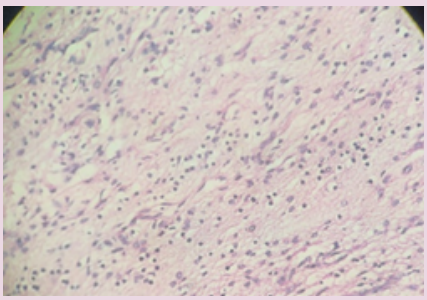
Gross



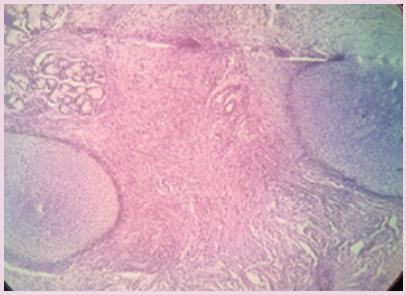
Microscopy



IMMATURE NEUROEPITHELIUM



GLIAL TISSUE



CARTILAGE AND GLANDS

ASSISTANT PROFESSOR: DR.M.DOUGUL REGIS
DR.MOHANA (RESIDENT)
INSTITUTE OF CHILD HEALTH AND HOSPITAL FOR CHILDREN-EGMORE
MADRAS MEDICAL COLLEGE, CHENNAI

CKDu – Chronic Kidney Disease of Unknown Aetiology

Introduction

In Zora Neale Hurston words, "Research is formalized curiosity. It is poking and prying with a purpose,".

For this edition of Campus Chronicles we sit down with a team who have just done that, channelised their curiosity to create history. The department of Nephrology, Community medicine and the directorate of Public health, RGGGH helmed a study amongst farmers of Tamil Nadu to check for the prevalence of CKD, CKDu and to look for any contributing factors

Background:

CKDu is a form of chronic kidney disease occurring in individuals without any of the traditional causes such as:
Diabetes mellitus, Long-standing hypertension, Primary glomerular disease, Obstructive uropathy.
The mechanism and pathogenesis remains unknown.

Factor Mechanism

Heat stress, Chronic dehydration, Hard physical labour, Agrochemicals and Heavy metals all contributed to recurrent tubular injury have been hypothesized which would in turn cause chronic interstitial fibrosis leading to CKDu

Idea behind the research -

Dr. Dinesh, senior assistant professor nephrology noticed high prevalence of CKD in Tiruvallur district. The department of nephrology and community medicine did a field study and diagnosed a cluster of patients with clinical factors resembling CKDu. . A similar factor of CKDu was observed by Prof. Sreejeth, professor of nephrology in Jipmer who noticed cases of CKDu in the northeastern belt, which was notified as thondaimandallam nephropathy. But these studies were not well sampled. From these two studies, we came to know that there were pockets of CKDu otherwise known as hotspots. So we designed a statewide survey to identify the prevalence of the disease

Sampling methods

{What is sampling - Sampling is picking a small, representative part (a "sample") from a large group (a "population") to study, so as to conduct our research accordingly. It's like tasting a spoonful of soup to judge the whole pot} A rigorous sampling methods was used to identify the disease burden and prevelence and to allocate the financial and non financial resources to be used in the identification and management of the disease.

Here, Stratified multistage cluster sampling was used which is a complex probability sampling technique that combines stratification, clustering, and multiple stages of selection.

The state of Tamil Nadu was divided into five agroclimatic zones, and 25 villages were selected at random from each zone and 30 eligible adults for each village were selected.

Operational definitions-

{What is this - it is a clear and unambiguous description of a concept. For example instead of saying the soup is hot, we have to mention we consider soup which is greater than 40°C }

Here, CKD was defined as eGFR(estimated GFR) ≤60 mL/min per 1.73 m2 by the CKD-EPI (expand) creatinine equation and persisting for more than 3 months.

Inclusion criteria - Adult age > 18 years

Research Methodology

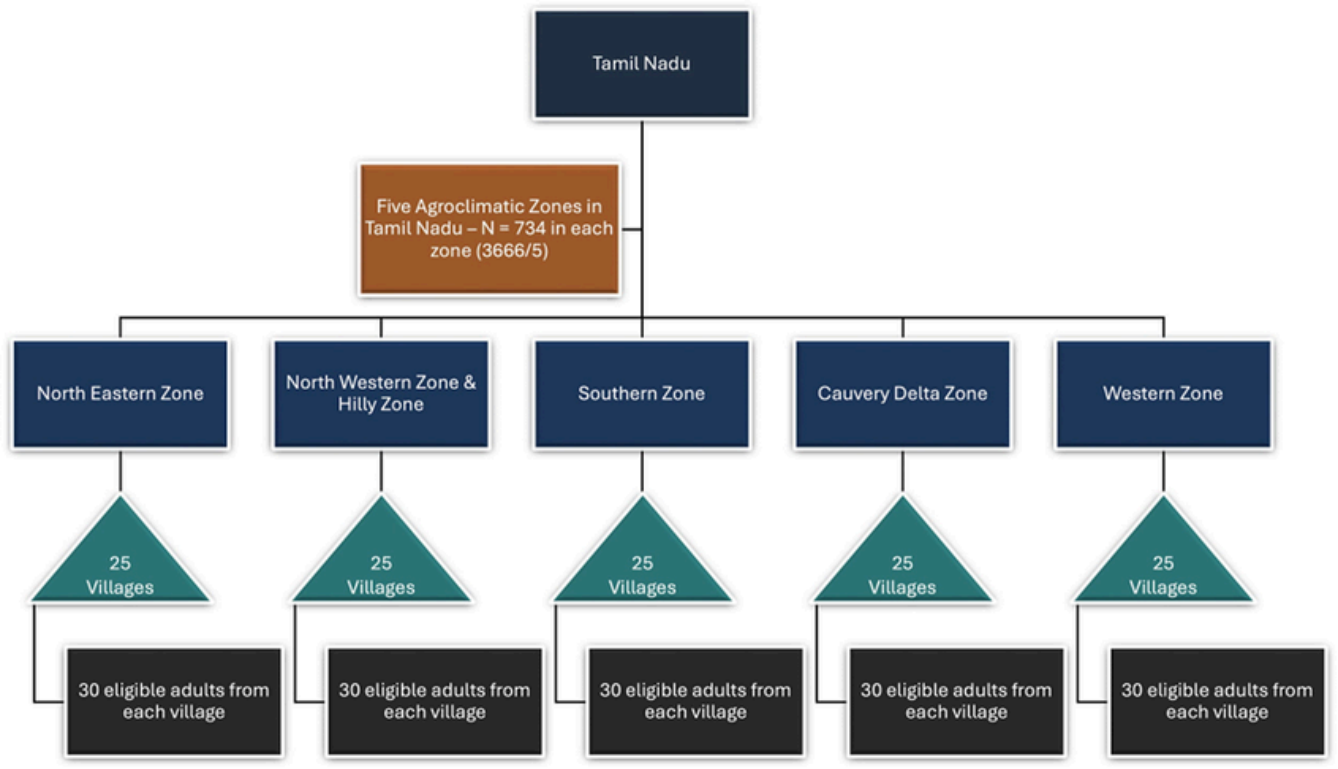
{Why do we use statistics - we use it to establish a relationship between 2 factors and to see if it is a causal relationship or a non causal one. }

Statistical analyses were performed using Stata, incorporating survey design adjustments to account for the complex sampling structure.
To analyse the factors contributing to the development of CKDu, survey-weighted chi-squared tests were used to assess associations between categorical variables.

Results

The overall prevalence of CKD and CKDu among agricultural labourers was 5.31% (95% CI 4.58–6.13) and 2.66% (95% CI 2.14–3.26), respectively. The prevalence was significantly higher in the north-east region and southern region compared to the north-West region.

Older age, male sex, lack of education, anaemia and long hours of outdoor work were associated with CKDu.



The phenomenon of transient AKI was observed in 17.4%, and on comparing them with the CKD group, those with diabetes, hypertension, exposure to smokeless tobacco, anaemia and higher mean age and male sex a high likelihood of progression to CKD.

The hotter zones also had significantly higher CKD prevalence (7.68% in the north-east, 6.4% in the south with (UTCI >38°C)) compared with the north-west (2.16%), with strong statistical significance ($p < 0.001$).

{Universal thermal index : it is a parameter to assess the effect of heat stress among humans}

Therefore we propose the hypothesis that heat stress leads to transient subclincal AKI .

Challenges faced -

A large geographical area which was screened.
Transportation of urine samples to check for creatine in ice packs from the places of study to chennai. This was done to prevent laboratory differences.

Field level challenges - line listing is a big phenomenal work which required the use of Community medicine platform the epicollect - which was completely protected from any alterations and manipulations. Teaching this platform to the community nurses and doctors was time consuming.

Convincing the people for becoming biological sample was another issue.
This study is a precedence to the entire world as such a study has not been done before, and that itself served as huge challenge.

Future implications -
The prevalence of CKD in our study is lower than the global and Indian hotspots, with nearly half confined to the phenotype of CKDu

Low levels of education and absence of significant symptoms may delay self-referral and early diagnosis. Hence, health policies aimed at proactive yearly measurement of serum creatinine and urine albumin-creatinine ratio among agricultural workers to identify hotspots of CKDu as well to reduce the progression to end stage kidney disease.

Targeted interventions like water, rest, shade and provision of urinals for female workers. These should be tested in future studies for the prevention of CKDu.

Nivetha V (2023). In conversation with Dr. Sakthirajan, Associate Professor, Institute of Nephrolog Madras Medical College, RGGGHy

VERSECRAFT

Art

காதலிக்க நேரமில்லை

இளந்தளிர் 26
வெற்றி பெற்ற கவிதை

சித்திரைத் திங்களில் துவங்கி ஓரோர் இரவும்
என் நித்திரையில் நர்த்தனம் புரியும் சித்திரமே!

நொடிக்கு நொடி உன்னை நாடி கேள்விக்கணைகளால்
போர் தொடுக்கும் என் இதயத்திற்கு நேரம்
எவ்வாறு இருக்கும்?

வானின் வெண்மதியை எழில் என்போர் உன் இரு விழி
காணவில்லையோ?
ஆம், கண்டிருந்தால்
"நிலவு விண்ணிலா? இல்லை
உன்னிரு கண்ணிலா?"
என்று சந்தேகித்திருப்பர்.

சமுத்திர அலைகளைக் கூட அப்பிறைமதி
கட்டுப்படுத்தும்போது,
என் மனம் ஏன் உன் நினைவலைகளைக்
கட்டுப்படுத்த மறுக்கின்றது?
நீ ஆணையிட்டாலும் செவிமடுக்காது போலும்!

நீ வாதாடும் வாக்கில் விண்ணில் பறக்கிறேன்!
நீ பார்க்கும் பார்வையில் பாதாளம் அனுப்புகிறாய்!

என்னை பூமியில் நிற்க அனுமதிக்கமாட்டாயா?

-ஸ்ரீதுர்கா.ச
முதலாம் ஆண்டு 2025

Art with Nature winner-
Mounnaaliga

Best out of waste winner-
Venisha

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Legacy: The Alumini Meet

LEGACY, the long-awaited Alumni Meet of Madras Medical College, was a resounding success, bringing together over 500 alumni from across the globe at our iconic Red Fort on 04.01.2026.

The evening commenced with a heritage walk through the Red Fort, rekindling golden memories and echoing with warmth and laughter. The celebrations continued with vibrant cultural performances by the undergraduate students, followed by inspiring addresses from the Executive Council of the MMC Alumni Association and the Welfare Secretary representing the Student Council. Engaging heritage trivia, a lively lucky dip, and the much-loved MMC trinket shop, along with other stalls, added to the nostalgia and delight of the gathering.

Several alumni rekindled their student spirit, setting the stage ablaze with electrifying dance performances and soul-stirring music. This landmark celebration by the Madras Medical College Alumni Association inaugurated a tradition of fellowship and pride that future batches will inherit and elevate. The evening drew to a close on a note of warmth and camaraderie, as the enduring legacy of MMC resonated stronger than ever.

A memorable confluence of generations, The Alumni meet stood as a heartfelt tribute to the enduring bond between the institution and its alumni.

Executive Committee Of MMC Alumni Association:

1. Patron: Dr K Shantaraman
2. President: Dr Sudha Seshayyan
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Trilogy - Intracollege Festival of MMC
Convergence of Culture, Creativity and Consciousness

இளந்தளிர்' *26*

நமது சென்னை மருத்துவக் கல்லூரி, உலகத்தரம் வாய்ந்த மருத்துவர்களை உருவாக்குவதோடு மட்டுமல்லாமல், மாணவர்களின் பன்முகத் திறமைகளை வளர்ப்பதிலும் முன்னோடியாகத் திகழ்கிறது.

அந்த வகையில், மாணவர்களிடம் ஒளிந்திருக்கும் தமிழ் ஆர்வத்தையும், அவர்களின் கவித்திறனையும் கலைத்திறனையும் வெளிக்கொணரும் ஒரு உன்னத மேடையாகத் திகழ்வதுதான் நமது "ழகரம் தமிழ் மன்றம் வழங்கும் இளந்தளிர்" விழா.

இந்த ஆண்டு 29.01.2026 நடைபெற்ற இளந்தளிர் நிகழ்வில் பல்வேறு மாணவர்கள் கலந்து கொண்டு தங்கள் திறமைகளை வெளிப்படுத்தி பரிசுகளை வென்றனர்.

தமிழோடு விளையாடு
1st place-Pooja R, Shivaganesh MS , Shrinidhi V
2nd place -Shanjai R, Sakthidaran B, Kabilesh S
3rd place-Gayathri.S , Monika J , Mahalakshmi

ஓவியம்
1st place : deepika T
2nd place Sandhiya Murugan
3rd place Mounaaliga

கவிதை
1st place: Sri Durga
2nd place: Baranidharan
3rd place :Mohamed Ibrahim M

கட்டுரை
1st place :gayathri Devi M
2nd place- al jesira Begum s
3rd place : R vishal

பேச்சுப்போட்டி
1st prize : sasmitha sri G
2nd prize Sahana Ramesh
3rd prize Parvatha Varthini K

சுருள்கள்
1st place
Vaishnavi E
Kavya Varshini S
Sadhana s
Oviya A T
Prasitha R

2nd place
1. Dharun G
2. Dharshan GG
3. Pavish P
4. Dharani J
5. Herzhan JB

திரைக்காட்சி மறு உருவாக்கம்
1st place
1. Ravi Shankar V
2. Dharun G
3. Pavish p
4. Vishnupandi M
5. Natheesh V
6. Santhosh u
7. Herzhan JB
8. Saravanan
9. Dharshan GG

2nd place
Vedha Anand JS
Rithik Sarathy
Vishal S
Surya S
Soorya CP
Sricharan S

நாடகம்
1st place
Sasmitha sri G
Ureka M
Arunkathirvel S
Sanjana P
Nandhitha V
Ashok G
Avanthika M
Anuja D
Swathi S
Asiya U
Arun K
Arun Varshan
Anbarasu G
Kanishka
Anirudha suri S
Venkatesh urthy

2nd place

1. Vaishnavi, Parvatha varthini, Abi sharmila .T Oviya., Venisha.M, Sarva lakshitha.A.S Vishwashree aparna.V, Kavya varshini.S Aarusha.B, Monish.T, Arul.D.P, Thanigai velan.S Tribuvan.V.M,Thirumurthy, Nihilan.S, Bhavya sri.T.M

3rd place
1. Prabha A S, Prathija J, Abitha M Abinaya A, Aneesha M, Vinodhini S, Devi M, Pavish P, Parin vignesh ganeshvel, Natheesh, Sesha Krishna Srinivasan, Santhosh Uthirakumar, Sachin Chandru J, Jovika V, Harishri sureshbabu, Ariya E, Dharun K

தனிநபர் நடனம்

1st place :
1. Jyothisri S,
2. Mathan kumar R

இருவர் நடனம்
1st place :
1. Varnavi K
2. Jyotsana J

2nd place:
1. Vigasini
2. Joshitha

குழு நடனம்

1st place

1. Shridurga.C
2. Prasitha
3. Deepitha

2nd place

1. Sevitha
2. Priyadarsika
3. Ritmiga
4. Tvaritha
5. Sahithi
6. Rakshitha
7. Aparna
8. Sarva
9. Iniya
10. Rithanya
11. Yuthika

Singing

1st place
1. Sai Rahul

2nd place
1. Ananya

3rd place
1. Yuthikka

Eco-Fest 2026: Celebrating Sustainability Through Creativity and Action

The Eco Club proudly hosted Eco-Fest 2026, our first ever annual intra-college environmental celebration, on 30th and 31st January, bringing together students from across the campus to engage, create, and collaborate for a greener future. The two-day festival was designed to blend environmental awareness with creativity, teamwork, and fun, reflecting the club's vision of making sustainability both meaningful and memorable.

The festival featured a mix of offline and online events with enthusiastic participation. Offline highlights included Connexions, a picture-based quiz challenge; Trials of the Iron Throne - Treasure Hunt, an engaging campus quest with a game of thrones theme; Rangoli, showcasing eco-themed artistic designs; and Best Out of Waste, where students created innovative items from discarded materials. Online competitions—Photography, Memes, and Art with Nature—provided platforms for creative expression and environmental storytelling.

The Eco Club extends heartfelt gratitude to the college administration, faculty coordinators, volunteers, and all participants whose energy and support made the event a resounding success. The Eco Club extends sincere thanks to the La Litteratie for their valuable collaboration in organizing the Treasure Hunt. Eco-Fest continues to reaffirm that when creativity meets consciousness, impactful change begins on campus and grows beyond.

Offline Events:

Connexions:
Winners- Nihilan, Naresh, Mohammed Farsith
Runners- Nithin, Mogan Raja
Treasure Hunt:
Winners: Baranidharan, Ragulraj, Kishore.M.M
Best out of waste:
Winner- Venisha
Runner- Gayathri Priya
Rangoli:
Winners- Keerthana, Kavinaya, Kiruthika Sri
Runners- Vinodhini, Abitha, Abinaya
Online Events:
Photography:
Winner- Kavya Varshini
Runner- Jeevesh
Memes:
Winner- Seshakrishna
Art with Nature:
Winner- Mounnaaliga
Runner- Swathi

The DopaMania’26 – A Landmark Beginning ✨
by La Litteratie

For the very first time in our college, the Literary Club brought words to life through DopaMania’26, an intracollegiate literary festival that transformed imagination into experience and participation into celebration.

The festival opened with the long-awaited Second Edition of The Triwizard Tournament – The Trial of the Iron Throne, organized in collaboration with the Eco Club. With 250+ participants, the campus turned into an arena of strategy, speed, and intellect, as teams chased clues, conquered challenges, and lived the thrill of the hunt.

The momentum continued with Mafia — a high-energy imposter game driven by sharp observation, intense debates, bold accusations, and dramatic plot twists. Citizens, cops, doctors, and the hidden mafia created an atmosphere of suspense, psychology, and pure adrenaline.

Next came Inkfinity Arena – The Game Show, a dynamic fusion of mind and muscle. From the nostalgia of Musical Chairs and the tension of Red Light, Green Light to the excitement of Bingo, the event culminated in a gripping Literary Trivia Grand Finale, where knowledge became the ultimate power.

The true pinnacle of DopaMania’26 was DeMUNcracy — the first ever Model United Nations of our institution.

More than an event, it became a defining institutional milestone, because it led to the formation of the very first official Literary Team of the college, transforming a festival into a legacy and a moment into a movement.
The final day concluded with a spectacular flourish, but what remained was far greater than applause —
the birth of a structured literary culture, a united team, and a new tradition that will echo for years to come. 📚

Trails Of the Iron Throne
Winners: Baranidharan, Ragulraj, Kishore.M.

Werewolf Hunt - The Mafia Game
Winner: Citizens
Runners: Richard, Sai Sriram, Tribuvan

The Inkfinity Arena - The Ultimate Game show
Winners: Vedhanand, Rithik sarathy and Surya Sureshkumar

Model United Nations -
Winners: Harishri and Tharun Srinivasan
Special Mention: Rithanya and Jairia S

A special note of thanks to our tireless volunteers of 2025 batch

- Venisha
- Devnath
- Meiyarasi
- Priyadarsika
- Devi
- Kaaviyan
- Parvathavarthini

Scientific Society Activities in January

Bailey's Loves - The Surgical Society of MMC hosted an insightful online session titled "Pathway to United States: USMLE, Research & Beyond" on January 10th. Dr. Sailesh Kumar (MMC Batch of 2017), currently a Research Fellow in Surgery at the University of Kansas Medical Center, shared his journey, practical guidance on USMLE preparation, research opportunities, and navigating a medical career in the U.S. The session inspired students aspiring for global academic pathways.

REVELATION — The Research Quiz, conducted on January 20th as part of Genesis 2026, witnessed vibrant participation, with over 35 teams competing in an intellectually stimulating contest. The quiz spanned research methodology, study designs, biostatistics, ethics, clinical trials, and critical appraisal, challenging participants to apply concepts with precision and analytical depth. Multiple engaging rounds encouraged evidence-based thinking and sharp interpretation skills. The event successfully promoted a culture of scientific curiosity and academic excellence among students.

Credits: Conducted by Sahasya Adalarasan (Batch of 2023), Harshavardhan (Batch of 2023), and Varshitha (Batch of 2023)

The Cultural Soceity

Pradharshini ’26 – A Symphony of Talent & Team Spirit

Individual Achievements: Our students also brought laurels through their individual talents:

Book Cover Designing – Runner Up
Akshvitha (Batch of 2023)

Performance Poetry – Second Place
Nethra Babu (Batch of 2022)

Club Highlights

The Music Club conducted inspiring and engaging meets on: 24th January and 7th February

The Art Club successfully organized creative meets on: 22nd January and 27th January

Our college proudly emerged as the Second Overall Winners at Pradharshini ’26, showcasing exceptional talent, passion, and teamwork across multiple events. A huge round of applause to our outstanding teams:

- **Luci Le Mirage** (Fashion Parade Team) – 🥇 Winners
- **Arrhythmix** (Band Team) – 🥇 Winners
- **Mudhra** (Classical Dance Team) – Stellar Performance
- **Mad Gravity** (Western Group Dance Team) – Power-packed Participation
- **Bandaid** (Band Team) – Enthralling Performance

This remarkable achievement was truly a reflection of collective effort, creativity, and dedication. Every participant contributed to making our college shine on stage!

The Dance Club held energetic and focused practice sessions on: 21st January, 3rd February, 7th February and 10th February

The Indian Dance Club conducted a session on 22nd January

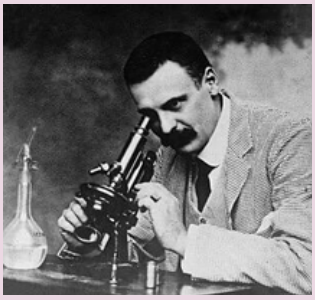
These sessions brought together passionate musicians, fostering collaboration, creativity, and preparation for upcoming cultural events.

MMC History SNAPSHOTS

18.02.2026 @mmc.campus.chronicles Wednesday

THE ALUMINI CHRONICLES

LEISHMANIA DONOVANI AND GH's CONTRIBUTION TO ITS DISCOVERY



We've all read about Leishmania Donovani – the causative agent of Kala Azar – be it from our 12th grade textbooks or from our Microbiology textbooks. But did you know that our General Hospital played a pivotal role in its discovery? Read on to know more.

It was the 17th of June, 1903 – (About 120 years ago). Charles Donovan, the discoverer of Leishmania Donovani, was then working as the Professor of Medicine in MMC. He observed parasites from the spleen tissue and blood of an infected young boy admitted at the Government General Hospital.

And he was the first to describe these parasites as the causative agents of Kala Azar. So, honouring Charles Donovan and William Boog Leishman (Yet another English Pathologist who was actually the first to observe these parasites, but mistook them to be degenerate trypanosomes) the protozoan species was named Leishmania donovani. Now that I've written about Leishmania Donovani, It would be incomplete if I don't mention a few words about its discoverer, Charles Donovan.

Charles Donovan and his time at MMC

- **He started the Madras Medical College Athletic Association with his own funds and encouraged everyone – from the sweepers to peons to participate.**
- **Some of his notable students include Dr Sir A L Mudaliar (The First Indian Principal of MMC) and Prof. Dr R V Rajam (A pioneer in the field of Venereology)**
- **He is said to have given his lectures whilst wearing his convocation gown, as done in certain old British Universities.**

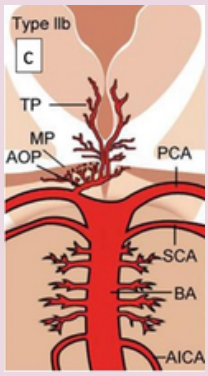
Recognitions

- **His portrait was unveiled in MMC by the Governor of Madras in 1935. (It's current location is unknown)**
- **And in 1953 one of the wards in Government General Hospital was renamed the Donovan Ward**

Charles Donovan is definitely a part of MMC's long-spun legacy And it's such a great flex for us MMCians – to be able to point at a microbiology textbook and say "That's Leishmania donovani, you know the place I come from? Yeah, It was first identified there" And there's more to come in the future. Who knows? The next big revolution in medicine might as well be yours

~ Akshvitha, 2023 Batch

Artery of Percheron



The Artery of Percheron (AOP) is an uncommon but clinically significant variant of the thalamic arterial supply, in which a single perforating artery arising from one of the posterior cerebral artery, supplies both paramedian thalami, with variable extension to the rostral midbrain.

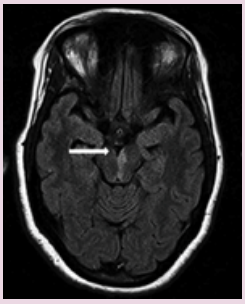
The Artery of Percheron (AOP) is an uncommon but clinically significant variant of the thalamic arterial supply, in which a single perforating artery arising from one of the posterior cerebral artery, supplies both paramedian thalami, with variable extension to the rostral midbrain.

Normally, each paramedian thalamus is supplied by paired thalamoperforating branches; the AOP represents a unifocal replacement of this bilateral system, making it uniquely vulnerable to ischemia.

Occlusion of the AOP produces a distinctive neuro-clinical syndrome characterized by altered consciousness due to reticular activating system involvement,

And Vertical gaze palsy from midbrain tegmental damage, and cognitive or memory disturbances related to thalamic nuclei injury.

CT Scan



V Sign - MRI

Radiologically, early CT scans may appear deceptively normal, while MRI—particularly diffusion-weighted imaging—reveals bilateral paramedian thalamic infarcts, sometimes forming the classic "V-sign" in the midbrain.

Artery of Percheron Occlusion underscores the clinical importance of vascular variants and serves as a reminder that in neurology, small arteries can produce disproportionately profound deficits

~ Adhitya Chellaram, 2024 Batch

Team Campus Chronicles

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MADRAS MEDICAL COLLEGE

THE CAMPUS CHRONICLES

THE ECHOES OF OUR JOURNEY