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15
YEARS



TRAUMA & EMERGENCY
TEAMS
ACADEMIC MEDICINE SENTINEL



Proclaiming & Promoting Academic Leadership

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Official Voice of
Academic College of Emergency Experts
(ACEE)
&
Emergency Medicine Association (EMA)
An INDUSEM Undertaking

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From the Editor's desk...

Hello Doctors,

Emergency medicine and Critical care at two intimately connected medical specialities each playing a crucial role in patient care. Emergency Medicine is about rapidly identifying and addressing the most life-threatening conditions whereas Critical care focuses on providing specialised and organ specific supportive care in intensive care unit. The connection between these two field is vital for the continuity of care. The Emergency Department is often where critically ill patients are first identified and stabilised and further transferred to the ICU for ongoing care. Thus, the concept of Fellowship ACEE - CIIC (Critical Illness and Injury care) has been initiated for the smooth transition between these two settings for optimising patient outcomes. A New Certification pathway is introduced which is called the Fellowship of the Academic College of Emergency Experts in India in Critical Illness and Injury Care (FACEE-CIIC). This pathway is geared towards creating Emergency Practitioners who can provide quality critical care with a focus on patient safety. The Competency Based Fellowship of the College is the Single Distinct Process and the Only Process by which a Candidate can be a part of the College. The Academic College of Emergency Experts recognises and hereby states that in India there are only two Recognised Post Graduate Degree Programs for Emergency Medicine. The Two Programs are: MCI Recognised MD and NBE Recognised DNB in Emergency Medicine. The College and its Fellows Stand by the Accrediting Bodies of National Importance namely MCI and NBE. The College Commits to the development and progress of Quality Emergency Care for Emergency Patients.

Disclaimer: Fellowship does not make you and critical care specialist, nor this is a degree. It is a pathway to the Academy College of Emergency Experts in India and a mark of quality that drives you to become competent in treating critically ill patient.

Eligibility

- MCI recognised MD/DNB in Emergency Medicine, Pulmonary Medicine, Internal Medicine, Anaesthesia, Obstetrics and Gynaecology.

- Mch/Dnrb Neurosurgery, Trauma Surgery FACEE (Critical illness & Injury care) will be awarded after candidates, register, pass online Theory Exam Pathway (12 tests - pass 9/12 test +1 final) + Get mandatory course certificates at the time of candidate's convocation by College.

Key steps

- Candidates will have to register on this website.
- Candidates will have to contact Dr. Bikram Kumar Gupta (8400100128) / Dr. Suman Rastogi (9821424543) or bikramgupta03@gmail.com / drsuman404@icloud.com and provide proof of eligibility to join the course and then pay fees .
- Complete the online theory examination pathway.

Concept - Dr. Sagar Galwankar, CEO INDUSEM

Emergency Physician, Good Samaritan taking Leadership and Saving Lives

Dr. Mayank Dhir (MD, DNB, FACEE, FCCM)



On the 1st of October, 2023, which was last Sunday, I was filled with excitement as I prepared to visit the recently inaugurated solar-powered running and cycling track in Hyderabad. It's being touted as India's inaugural facility

of its kind, so I laced up my running shoes and made all the necessary preparations. Not long after I had left home, I encountered a large crowd gathered around a car that had crashed into a tree. My initial thought was, "Not again, it's a Sunday, and I need a break too." I convinced myself that I didn't have any equipment with me that could make a difference, and I assumed that someone from the crowd or the police would handle the situation. I didn't want to spoil my Sunday evening by inviting unnecessary trouble, so I continued my run.

However, guilt struck me 25 meters ahead of the scene, and my conscience wouldn't allow me to ignore the situation. I quickly ran back to the scene and found a distraught lady crying loudly while holding her semiconscious (GCS 11) husband in her arms. He had a mangled left leg and a suspected hip fracture. There was another victim a few meters away who was also semi-conscious with a suspected femur fracture and an open tibia fracture (GCS 12). I couldn't bear the thought of these breadwinners succumbing to hemorrhagic shock, so I decided to help. I approached the police, introduced myself, and offered my assistance. Then, I turned to some of the onlookers

who were busy recording and taking selfies and asked them to help me gather branches and cloth (Dupatta and men's jackets). With what little I had, I used the Dupatta as a makeshift pelvic binder and splinted the injured man's left leg with the unaffected limb and a branch, securing it with another piece of cloth. I did the same for the other patient, excluding the pelvic binder.

By the time I had finished, the ambulance had arrived, and I felt a sense of relief that I had given these patients a fighting chance to survive, despite having no tools at my disposal. This experience reminded me of what emergency medicine is truly about—being prepared to respond to any situation, at any age, with any problem, at any time. If it's happening out there, it becomes our reality in here. This is the essence of "real-life" medicine. I take immense pride in being an emergency physician and am deeply grateful for the mentors who have not only imparted the knowledge of emergency medicine found in textbooks but have also instilled it within me through their guidance and expertise.

Asia Pacific

Association of Medical Toxicology Extravaganza

21st Annual Scientific Congress of the Asia Pacific Association of Medical Toxicology (APAMT2023) was inaugurated with grandeur on Nov 7th at Hotel O by Tamara. It was the second APAMT in India, after 2007 and was jointly organised by EMA – ACEE, Sree Gokulam Group of Healthcare Institutions, PGIMER Chandigarh & Government Medical College, Trivandrum with the patronage of Kerala University of Health Sciences (KUHS). The chief guest of the Event was Dr Thomas Mathew, DME, Government of Kerala. The guests of honor were Prof Dr Manojan KK Honourable Vice Chairman of Sree Gokulam Medical College & Research Foundation, Dr Sheeja G Manoj Managing Director of GG Hospital, Prof. Dr Ashish Bhalla H.O.D. Emergency Medicine PGIMER Chandigarh. The Organising Chairperson of APAMT 2023, delivered the welcome note and the event was inaugurated by Dr Hossein Hasaanian,



President of APAMT. The master of the ceremony was Dr Linu M Sekhar (H.O.D. Emergency Medicine Sree Gokulam Medical College, Under Secretary of EMA – Kerala & Lakshwadeep & Organising Secretary APAMT 2023.)

The 5 day academic extravaganza was kicked off at the Institutional skills lab of Sree Gokulam medical college with a state of the art, first of its kind, Toxicology Simulation workshop. The main congress was from Nov 7 – 9th December at Hotel O by Tamara. The mega academic event ended with another first in its class Post congress Guidelines workshop for club drug overdose scheduled at Advanced Trauma & Emergency Learning Centre (AETLC), Trivandrum on Nov 10th. The workshops as well as the main congress were hugely successful with many positive reviews and over 200 registered participants.

Empowering Tomorrow's Healthcare Leaders: State Conference and Workshop on Cutting-Edge Emergency Medicine at Indira Gandhi Medical College and Research Institute



The Department of Emergency Medicine at Indira Gandhi Medical College and Research Institute (IGMCR&RI), Puducherry, in collaboration with the prestigious Emergency Medicine Association (EMA) of India, is proud to announce the successful culmination of the ACOUSTICS conference and workshop held on December 23, 2023.

Under the esteemed patronage of Dr. C. Udayashankar, Director of IGMCR&RI, the event witnessed a gathering of medical professionals, experts, and postgraduate students from across the nation. ACOUSTICS (Advancements in Critical and Urgent Situations: Techniques, Innovations, Challenges, and Strategies) aimed at elevating the standard of emergency medical care through immersive learning experiences and cutting-edge techniques.



Key Highlights:

Inaugural Ceremony: Dr. C. Udayashankar graced the inauguration, setting the tone for an enriching experience. The event focused on ultrasound imaging techniques, emphasizing their critical role in diverse emergency conditions.

Conference and Workshop: A 14-hour session dedicated to Ultrasound Imaging Techniques - POCUS (Point of Care Ultrasound) provided hands-on

training with 10 ultrasound machines. This marked a pioneering effort, enriching participants' skills in real-time emergencies.

Variety in Learning: The conference featured an intriguing quiz, real-time Emergency Room scenario simulations, and a dedicated session for case presentations, ensuring a diverse and interactive learning environment.

Valedictory Function: The program concluded with a grand valedictory function where expert faculties from prestigious medical colleges were honored. Dr. Gomathi Karmegam, Head of the Department, of Emergency Medicine, Madras Medical College, Chennai, presided over the distribution of prizes.

Dr. R Surendar Assistant Professor of Emergency Medicine cum the organizing Secretary of Acoustics 2023 remarked, "ACOUSTICS has not only been a knowledge-sharing platform but also a testament to collaborative learning and skill enhancement in Emergency Medicine. The positive feedback from



postgraduate delegates across the country underscores its success and impact."

The ACOUSTICS conference has truly reinforced IGMCR&RI's commitment to advancing emergency medical education, fostering innovation, and preparing the next generation of healthcare leaders.



New Year : New COVID-19 variant Upsurge : Same Old Dilemma

A new Covid-19 variant is once again raging across the world, including in India, and once again it is December "Holiday Season" that has seen the new spike.

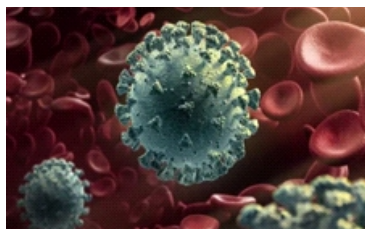
It was the winter of 2019 and the world was readying to welcome the New Year with all the traditional merry. But, the last few weeks of 2019, like we all remember, turned everybody's lives upside down with a unique virus "SARS - CoV 2" first reported in China, invaded our lives. Four years later, the Covid-19 pandemic has abated, but the virus continues to exist in our lives in its many evolutionary forms.

This December, a new strain of the coronavirus that caused the pandemic JN.1 is making waves across the world.

A QUICK RECAP

Covid-19 saw three big mutations in December of 2020: Alpha (B.1.1.7), Beta (B.1.351), and Gamma (P.1). A year later, in December 2021 the Omicron variant sent the world back into their homes just months after lockdowns began to ease.

The next year, in December of 2022, while there was no emergence of a new major variant, we saw the rise of subvariants such as BA.2 and BA.5, all classified within the Omicron branch of the coronavirus.



And now we have the JN.1 variant, which also belongs to the Omicron lineage.

WHAT IS JN.1?

According to the US Centres for Disease Control and Prevention (CDC), it was first detected in the US in September. It is a part of the BA.2.86 lineage, which is a descendant of the Omicron or B.1.1.529 variant of SARS-CoV-2. JN.1 comes equipped with an additional mutation in the spike protein.. The World Health Organisation has classified the JN.1 strain as a "variant of interest VOI" due to its rapidly increasing spread across the world. However,

WHO has also mentioned that the global public health risk posed by JN.1 is low.

It has already been detected in several countries, including India, China, the United Kingdom, and the United States. In India, the JN.1 strain was first detected in Karakulam, Thiruvananthapuram on December 8. At present, India's Covid case tally stands at 4,50,10,189, whereas the national recovery rate stands at 98.81 percent, according to the ministry's website. The Covid fatality rate stands at 1.19 percent. Amid growing concerns around the rising cases of COVID-19 sub-variant JN.1, so far total number of active cases of COVID-19 in the country stood at 6,054, with the highest number of cases coming from Kerala till December 2023. NITI Aayog, GOI has stressed on the need for states to ramp up testing and strengthen their surveillance system. States have been urged to ensure effective compliance of operational guidelines for the revised surveillance strategy for COVID-19 shared by the Union Ministry of Health and Family Welfare. They have asked to monitor and report district-wise cases of Influenza-like Illness (ILI) and Severe Acute Respiratory Illness (SARI) in all health facilities regularly for early detection of the rising trend of cases.