



TRAUMA & EMERGENCY ACADEMIC MEDICINE SENTINEL

“Proclaiming and Promoting Academic Leadership”



TEAMS



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.

Dear friends and colleagues,

A new year is always a fresh start.



INDUSEM, ACEE & EMA have successfully completed one more year of academic adventures. A lot has been done and major landmarks have been scripted but the work should move on through the new year. The academic voyage of EMA is continuing through this quarter with major events occurring in various states across India.

With the announcement of NEET PG entrance exam results and commencement of counseling, the major concern for the PG aspirants is about choosing a speciality. There are many options in front of them. Many had called me enquiring about Emergency Medicine. So maybe its indeed time to introspect and talk about Emergency Medicine. Emergency Medicine (EM) is a field which deals with all kinds of medical and surgical emergencies including trauma irrespective of the age group. Most of the hospitals across the country have started to establish an Emergency Medicine department upgrading the age old concept of casualty.

What makes Emergency Medicine specialty different or unique? The uniqueness is about the style of work. The way we are trained to deal with the sick patients. The way you evaluate and stabilise patients. As I always have felt, If you want to change the life of a sick person by stabilising him and see the change right in front of you, and by doing so bring some relief/smile on the face of anxious bystanders and derive work satisfaction and gratification from what you have done, Emergency Medicine is the right choice.

Everyone says, EM is all about the Adrenaline Rush but it consists of another major domain. The domains of Compassion and Empathy. Dealing with the bystanders, consoling them, explaining to them the patient condition in their understandable language and being with them throughout their hard time, is another major role for an Emergency Physician.

Emergency Physicians are trained to work in the most unaccustomed environment also. Be it a road side assistance of a trauma patient, a disaster site, collapsed patients in the corridors of a hospital or mall or any such places, these require special skills and training, which as EM residents they are exposed to. There are lots of areas under Emergency Medicine, one can think of mastering in future. Currently in India we have only 2 recognised EM PG program - MD & DNB, we have 30 medical college (84 seats) with MD - EM and 30 institutes (63 seats) with DNB - EM (January admission).

So to my fellow PG aspirants, Emergency Medicine is a vast field, which is dynamic and require mastering of many soft skills. The future is in front of you, choose wisely. May you be the change in your patients life.



Dr. Ajith Venugopalan
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Chief Editor

INITIATIVES THAT COULD CHANGE THE FACE OF EMERGENCY MEDICINE

Management of Emergencies have been a major concern for most of the states in our country. The concerns escalates in the background of outbreak of diseases, unexpected natural disaster and increasing road traffic accidents. 55% of emergencies are health related and 45% is contributed by RTA's. The **golden hour**, also known as golden time, refers to the period of time following a traumatic injury during which there is the highest likelihood that prompt medical and surgical treatment will prevent death. The concept of Golden hour has now moved to **platinum minutes**, the initial minutes after an injury or illness of critical nature, are vital for providing necessary medical intervention and can be highly crucial in saving a life.

Taking these into serious consideration, the Kerala state government has come with many initiative to make sure the best and effective care is provided as early as possible.

Few of the major initiative are as follows:-

1. Aimed at ensuring care to all the road-accident victims, the state government will soon upgrade all the Government medical colleges in the state of Kerala, to Level 1 Trauma Care Centres.
2. Through Government Order, the government has stressed on the importance and requirement of Emergency Medicine department in the state.
 - a. The requirement of Nurse Coordinator to coordinate the function in Emergency Medicine department.
 - b. Stress is given on protocol based evaluation of patients.
 - c. Training for the staffs working in Emergency Medicine to improve the system is also given due consideration.
 - d. Various department protocols and admission protocols for emergency cases are also planned for.
3. The triage GO is part of the initiative to build capacity of the health staff in Government to properly triage and save lives. This initiative is going on with the support of the faculty of the Jayprakash Narayan Trauma Center in AIIMS, New Delhi.
4. Establishment of ambulance network with trained staffs.

These initiatives done by a state government is the direct reflection of the importance they give on the emergency medical service in the state. This could be the change of face for Emergency Medicine in the state of Kerala.

NEWER INSTITUTIONS WITH MD/DNB EMERGENCY MEDICINE	Leadership	Seats
Kasturba Medical College, Manipal, Karnataka - MD EM	Dr. Jayaraj M. B.	3
Sree Gokulam Medical College & Research Foundation, Thiruvananthapuram, Kerala - DNB EM	Dr. Linu Sekhar	3

EXAMTHALON – National EM Examination Simulation for MD/DNB candidates

“The Time Tested Pattern for conducting PG Practical Exam in Emergency Medicine”

EMA - ACEE Academic Leaders from INDUSEM came together to lead the Third National Emergency Medicine Examination Simulation for MD/DNB candidates “EXAMTHALON” on 30th & 31st January, 2019 at the Jubilee Mission Medical College & Research Institute, Thrissur, Kerala. This exam series is intended to simulate the DNB and MD Emergency Medicine board exams and to give real time exam experience to the residents across the country. The two day event included mock theory and practical exams along with other preparatory sessions which will help the candidates to brace the hurdles of getting through their respective board exams.

The two day program was aimed to build knowledge, boost the confidence, prepare well in advance and allowed the students to interact with senior faculty in the specialty.

The program had renowned faculty from across the country, with extensive experience in conducting university exams in the field of emergency medicine.

Another major objective of EXAMTHALON is to formulate a uniform system of conducting PG practical exams in Emergency Medicine in our country. Reviews are taken from senior faculty and candidates each year to make sure the best and most effective PG exam could be conducted.

The MOCK PG practical exam was divided into Case presentation and OSCE / spotter stations.

Each student were allotted two short cases which included one case each from trauma, medical, surgical or critical care specialties.

Spotters included X-rays, ABG, ECG, CT, POCUS, Toxicology and Drugs.

OSCE included the following stations – Cardiac lifesupport, Trauma lifesupport, Pediatric life support, Ultra-short cases, Clinical Skills, Communication Skills, Airway Management, POCUS and Splints, Casts and Immobilization. Patient and Bystander simulated stations were also conducted.

OSCE also included Thesis Appraisal and Journal Appraisal.

The faculty for EXAMTHALON included Dr. Babu Urumese Palatty, Dr. Suresh G, Dr. Gireesh Kumar, Dr. P.C. Rajeev, Dr. Salish, Dr. Jerry Johnny, Dr. Mithun, Dr. Vimal Krishnan S, Dr. Siju V Abraham, Dr. Ajith Venugopalan, Dr. Jobin, Dr. Vineeth Chandran KP, Dr. Rahul B, Dr. Jebu, Dr. Arjun, Dr. Anoop James. Dr. Vimal Koshy Thomas and Dr. Anoop James were the chief organizers for this years EXAMTHALON.

This pattern of exam was able to test the candidates in various dimensions that they need to master in Emergency Medicine. The pattern was well appreciated by the examiners as well as the candidates. The pattern could be taken into consideration for conducting PG practical exam in various universities across the country.

EM Activities and Achievements in the past quarter

EMA Leader Dr. AJITH – SELECETED FROM INDIA for RADIATION EMERGENCY MEDICINE Training in JAPAN

EMA leader Dr. Ajith Venugopalan, Head, Dept. of Emergency Medicine, MOSC Medical College Hospital, Kolenchery, Kerala was selected from India to attend the “Radiation Emergency Medicine” (REM) training at the National Institute of Radiological Sciences (NIRS), National Institute of Quantum and Radiological Science and Technology (QST), Chiba, Japan. Trainee from 20 Asian countries was selected for the training course. NIRS aims to train core members of medical professionals in REM who will be a trainer in each country in future, through this “train the trainer” course.

INDUSEM PATRON Dr. K. PATEL AWARDED @ PBD2019

INDUSEM Patron, Cardiologist, Philanthropist and pioneer of Social Engineering Models Dr. Kiran C Patel was awarded the Pravasi Bhartiya Divas Samman (Award) at the PBD Celebration in Varanasi India. The distinguished award was bestowed by Honorable President of India Shri. RamnathKovindin presence of Government of India’s External Affairs Minister Smt. Swaraj, Chief Minister of Uttar Pradesh Shri. Yogi Adityanath and Honorable Governor of Uttar Pradesh Shri. Ram Naik.

VIJAYAWADA facilitates TRAUMA CARE

EMA facilitated trauma care expertise to Vijayawada, Andhra Pradesh at Dr. Pinnamaneni Siddhartha Institute of Medical Sciences and Research Foundation. The partners held a Trauma Life Interventions and Support Skill School. Faculty, Postgraduates and Undergraduates benefited from this unique training module.

RESUSCITICON 2019 MANGALORE

Resusciticon2019 led by Dr. Salfi P.K, Head of Emergency Services at Indiana Hospital, Mangalore was inaugurated by Datuk Dr Mohammed Alwi Abdul Rahman from Malaysia. The conference focused on state of the art advances in Resuscitation.

EXAMTHALON2019

EXAMTHALON is an EM board exam simulation conducted every year at Jubilee Mission Medical College and Research Institute, Thrissur. The inception of EXAMTHALON by EMA-ACEE Academic leaders, which aimed at providing exam going residents a mock theory and practical of the board exams was a revolutionary move for Academic EM in India. The candidates were tested on their knowledge, skill and behaviors necessary for a consultant in emergency medicine. Candidates from across the country took part for EXAMTHALON.

EMKARNATAKA2019

The Emergency Medicine Association Karnataka held its Inaugural State Level Conference at St. John’s Medical College and Hospital, Bangalore from 18th to 20th January, 2019. The theme of the conference was “Collective Academic Excellence”.

EPICON2019MAHAEM

The 2nd Annual Emergency Pediatrics and Injuries National Conference of India (EPICON2019) was held simultaneously with the 2nd State Level Conference of the EMA Maharashtra Chapter (MAHAEM2019) at the MGM Institute of Health Sciences University in February 2019. Attended by over 250 National Delegates it was a start studded show with Many International Speakers and National Academicians.

NEMBRIC 2019 in Delhi

2019 celebrated the 10 Years of the National Emergency Medicine Board Review of India Course, NEMBRIC 2019. It was organized from 16th to 20th February, 2019 at the National Board of Examinations (NBE), New Delhi. NEMBRIC2019 was a collaborative effort of NBE, INDUSEM, and Academic College of Emergency Experts in India (ACEE), Emergency Medicine Association, SUNY Downstate Medical Centre and World Academic Council of Emergency Medicine.

EMA CHANDIGARH PUNJAB & HARYANA Launched

CRITICALEM2019 the Annual State Level Academic Assembly of the EMA~CPH Chapter was held on February 28, 2019, led by Dr. Manpreet Singh Secretary of the Academic College of Emergency Experts. Government Medical College Chandigarh spearheaded the establishment of the EMA~CPH Chapter.

EMA UTTARAKHAND Launched

Prof Surekha Kishore, Dean Academics, Professor Bina Ravi, Dean Alumni, Prof Manoj Gupta, Dean Student Welfare were the Faculty Initiators of the State Chapter of EMA Headquartered at AIIMS Rishikesh. Aimed at development of Emergency Medicine and betterment of Emergency Medical Services in Uttarakhand State.

EMA ROYAL RAJASTHAN Launched

The EMA Chapter of Royal Rajasthan was inaugurated at AIIMS Jodhpur. The Chapter held its first State Level Conference focused on developing Protocols for Trauma and Emergency Care. AIIMS Jodhpur Academic EM and Trauma Department is led by Professor Puranik. EMA Leader Dr. Ram Karan is leading efforts to establish Academic Emergency and Trauma Education and Research Systems in State of Rajasthan.

For further informations regarding these events, log on to <http://www.indusem.org/news>

We Welcome You all to

EMCARD	10th - 12th May 2019
Emergency Cardiology Inaugural National Summit Goa India	

Editorial Board	Dr. Ajith Venugopalan Head of the department	Dr. Sreejith R. Nair	Dr. Anjali Anna Thomas
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