



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



The brewing absoluteness of the end of a year, more often than not, strides in with an obligatory call for recapitulation. With the rapid strife, witnessed in almost every service sector including medical services, it has become imperative that emergency health services transition to the pivot of any institution. Acknowledging the progress we made the past year, does put one's mind at ease regarding the future of emergency medicine and the efficacy of critical care delivered in our country. The dialogues and discussions held across various platforms on the types of operational and daily practice issues that impact patient and physician welfare, helped initiate manifold pilot projects aimed at critical care.

Contrary to the multi-chambered facets modern medical science sustains, the history of medicine is a mere consequence of how societies chose to evolve and adapt to coping with illnesses. While Hippocrates strived to revolutionise alchemy and philosophy, today's doctor has to juggle consumerism and empathy, apart from patient care.

Together we have strived to enhance student experience and patient welfare on a global scale through various academic events across the Globe. An emergency medicine physician

is expected to be on his/her toes at all times. However, the business and legal aspects of medicine that trespass into health care render our job more challenging than ever. It is therefore essential to provide EM aspirants with multifaceted training, covering all arenas of medical aid. With the persistent effort shown by our senior faculty, the dreams of providing efficient health care, well ordained work hours and effective patient interactions, can be actualised.

In retrospect, the previous year has been one of progress and triumph for emergency medicine. In 2020, we aspire to build upon this pier, and scale newer and forthcoming pinnacle. I would like to thank each and everyone of you for your continuing support, enthusiasm and your endless good will and efforts put towards TEAMS during this year and for remaining the unyielding pillars that made TEAMS possible during the year. We eagerly anticipate your persisting coaction, and earnestly call upon your heartfelt support in the upcoming year. We wish you the best of times and a wonderful year ahead.



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Occupational Hazards of an Emergency Physician

Television series and dramas, for length have helped epitomise the emergency room as any hospital's arena of action. Yet, all of its power packed, adrenaline rushed glory, falls short as a mere euphemism to what an emergency medicine physician faces on a daily basis. At a work environment, where the unexpected becomes your every day reality, it is probable, that ER doctors tend to misplace absurdities as normalcy; sort of like conditioning themselves for the status quo. A health care worker is expected to do her job. But alongside that she is expected to smile, deliver compassion, assess a patient's individual economy par the treatment delivered, convince the bystanders on why her judgement is crucial to the patient's well being, apart from patient evaluation and treatment. But maybe, because of the emergent consumerism associated with medical aid, sometimes, doing all of this and more, falls short of public expectation. This entails the Emergency physicians and their team as victims of occupational hazards. Doctors are expected to deliver care and empathy. But amidst the sacrosanctity delivered to the profession, we somehow forgot that those who provide the aid deserve compassion too.

According to WHO (2014), Health care industry around the world employ over 43 million health workers in 2015, including 9.8 million physicians and 20.7 million nurses/midwives. Once in a while the newspapers laud the stories of doctors being beaten up or mistreated, on unbeknownst grounds of absurdity. A few protests are held and lest is forgotten. A few weeks later, another medical aid provider is ripped off of his respect elsewhere. This time around, we are used to the story. Badgering your doctor, very soon becomes normalcy and in some places an attribution to ensure better care delivery. This trend is dangerous if not barbarous and deserves to be curbed. It does sound like a dystopian fantasy, where apart from the chemical, biological, radiational, psychosocial and ergonomic hazards, associated with the job, getting punched by the bystanders is added to the perils of the job.

Healthcare workers require protection like any other workplace. But most of the time, healthcare workers are considered immune to all hazards. This put the life of healthcare workers in grave danger. According to WHO, the 2006 World Health Report Working Together for Health on human resources reported on a global shortage of health personnel which had reached crisis level in 57 countries. Unsafe working conditions contribute to health worker attrition in many countries due to work-related illness and injury and the resulting fear of health workers of occupational infection, including from HIV and Tuberculosis. According to a

report by the Centers for Disease Control and Prevention, one in five nonfatal occupational injuries reported in 2013 occurred among health care workers. In the same year, 66,910 cases of occupational musculoskeletal disorder (MSD) were reported among health care and social assistance workers. Nursing aides, attendants, and orderlies suffered the highest rates of musculoskeletal disorders.

The number of physical and mental assaults to the ER team is increasing on a daily basis. Most often, healthcare workers are reluctant to take ER duties, thanks to elevated levels of stress and increased probability of acquiring infections while on duty hours. All of this, thereby decreases job satisfaction and leads to medical brain drain. It is important to protect the healthcare workers so that we have adequate workforce of trained and experienced care providers.

Its indeed the responsibility of the healthcare sector to identify these hazards and plan about preventive strategies. Few common preventive strategies are as follows: -

1. Adhering to infection control practices like using PPE, hand hygiene, hand wash before and after touching patients.
2. Preventive measures for blood born and air born pathogens.
3. Proper usage and disposal of sharps.
4. Strict adherence to biomedical waste segregation and disposal.
5. Provide adequate training in handling fire safety and chemical hazard to all the healthcare providers.
6. Usage of proper devices for shifting and transferring patients.
7. Training in counselling, debriefing and breaking bad news.
8. Proper security and ensuring well-being of ER personnel
9. Measures to curb burn out rates and maintain work-life balance
10. Stringent laws against attacking medical care givers
11. Employing efficient physician scheduling process to prevent over working and meeting patient demands.

Training approaches should be developed and appropriate prevention strategies should be considered to reduce the risks and minimize the hazards.

5th World Academic Congress of Emergency Medicine (WACEM 2019) - DUABI - An Academic Extravaganza at International Level

Under the patronage of His Highness Sheikh Hamdan bin Rashid Al Maktoum, Deputy Ruler of Dubai, UAE Minister of Finance and President of Dubai Health Authority (DHA), His Excellency Humaid Al Qutami, Director General of DHA officially opened the 5th World Academic Congress for Emergency Medicine – WACEM from 22nd to the 24th of October, 2019 at Roda Al Bustan Hotel in Dubai.

The World Academic Congress of Emergency Medicine is the official annual meeting of the World Academic Council for Emergency Medicine. The Council was launched in 2016 and the Constitution was finalized in 2017. Founded by Academic leaders from USA, UK, Italy, Qatar, UAE, India, Sri Lanka, Singapore & Japan WACEM is a Non Political 100% Academic Organization focused on working with individual academicians, academic institutions and academic organization to forward the Science of Emergency Patient Care.

The theme for WACEM 2019 - 'Technologies, Therapies & Transformation', the 3-day emergency congress, was organized in Dubai for the first time in collaboration with 'The International Emergency and Catastrophe Management Conference & Exhibition – IECM Dubai', bringing together leading healthcare experts, physicians and doctors from the UAE and the world to focus on the most critical topics in emergency medicine and explore how new advances in technology are enabling better treatment outcomes for patients.

Leaders from the World Health Organization Collaborating Center for Emergency & Trauma attended and spoke at WACEM2019DUBAI and assured The World

Council of Its complete academic support for the future. The Research Networks also attended WACEM2019DUBAI and committed to inducting all partner nations into research studies at an International level.

This year, WACEM hosted over 600 visitors and participants from over 35 countries. In addition, for the benefit of industry

professionals, experts and specialists, the conference features 15 scientific sessions focusing on the most critical topics in emergency medicine and critical care. With the aim of improving the knowledge and understanding in emergency care. Moreover, WACEM 2019 showcased poster presentations, providing students

and professionals a chance to present their research and interact with visitors and participants. In connection with WACEM, pre-conference workshop program was also conducted on the 20th and the 21st of October, where top healthcare experts discussed many critical topics in emergency medicine such as emergency preparedness, pre-hospital care and pain management, with the aim of improving the clinical practice of emergency care professionals in the UAE and abroad. Running parallel to the conference, WACEM exhibition provided top 15 brands in emergency medicine, pre-hospital care and other related fields a unique opportunity to showcase their latest technologies, tools and products while also giving them a chance to interact, network and collaborate with industry colleagues and explore potential business opportunities.

WACEM2020 will be in Malaysia. 2019 Secretary General Dr. Sara Kazim handed over the charge of WACEM to Datuk Dr. Mohamed Alwi from Malaysia as WACEM2020 moves to Kuala Lumpur.



EM Activities and Achievements in the past quarter

EMA Simulation Metabolism @ Manipal



and General Medicine took part.

A innovative interdisciplinary simulation workshop on the inborn errors of metabolism was conducted by The Department of Emergency Medicine and Department of Pediatrics, Kasturba Medical college, Manipal, MAHE at Simulation lab. The Department of Emergency Medicine and Pediatrics were privileged to be the part of the 3rd INDO-GERMAN Metabolic Meeting organized by the Department of Biochemistry, Kasturba Medical college, Manipal, MAHE. The workshop was involving heterogeneous group of delegates belonging to Departments of Biochemistry , Pediatrics, Neonatology

Dazzling WACEM2019DUBAI !

The 5th World Academic Congress of Emergency Medicine was a Dazzling success in Dubai. WACEM 2019 was held from 20th October to 24th October 2019, WACEM2019DUBAI was attended by over 1400 participants with faculty from many countries across the World. 125 International and Regional faculty, 10 workshops and 14 tracks studded the success of WACEM2019DUBAI. WACEM2019 saw the induction of new partners into The World Academic Council of Emergency Medicine. WACEM2019DUBAI saw the dedicated participation of residents across UAE with their complete engagement in organizing the sessions, operationalizing the workshops and actively interacting with the speakers.



WACEM delivers WoCCAC to Sri Lanka !

The Academic Leaders from the World Academic Council of Emergency Medicine, promised the great nation of Sri Lanka during WACEM2017 that they would help their nation establish the World Collaborative Centre for Acute Care (WoCCAC) for the evolution of Acute Care Sciences in Sri Lanka. The promise was delivered in 2019 thanks to the leadership of WACEM Leader Dr. Aruna Munasinghe. The four day high profile event engaged academic subject matter experts from USA, Israel and India. Dr. Bonnie Arquilla and Dr. Pia Daniel led the team which consisted of Dr. Moshe Michealson (Israel), Dr. Vimal Krishnan & Dr. Siju V Abraham (India), Dr. Mark Silverberg, Dr. Nathan Reissman & Dr. Jessica Paulson (USA).



EMKerala2019 KONKURS !

The 2nd State Level Conference of EMA Kerala Chapter completed a Kingsize Home Run in November 2019. EMKerala2019 was held at Government Medical College Kozhikode under the leadership of Dr. Chandani R. EMKerala2019 was a galactic display of Academic power and Clinical passion in Emergency Medicine. EMKerala Brought together Young Legitimate EM Leaders, Academicians and Post Graduate NBE and MD Residents as Academics was displayed at its best. Skill Sessions, Lectures, Poster Presentations, Case Discussions and Quiz were the star attractions of EMKerala.



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

We Welcome You all to

Jubilee Mission Medical College, Thrissur, Kerala	Examthalon 2020	29th & 30th January, 2020
National Board of Examinations, Dwarka, New Delhi	NEMBRIC 2020	8th - 12th February, 2020