

**Dr. Sagar Galwankar** Chief Executive Officer of the INDO-US Collaboration for Emergency and Trauma addressed the Councilors via teleconference. He welcomed the Councilors and gave a brief account of INDO-US Collaboration for promoting the growth of specialty of Emergency Medicine in India. The distinguished Faculty from USA discussed several aspects of Academic Emergency Medicine and Trauma.

The need for having protocols for common conditions seen in emergency department was stressed by **Dr. Tracy Sanson**. It was emphasized that protocols would be of use in proper utilization of resources particularly in India. The utility of protocols in risk management (e.g. missed ectopic pregnancy) was also highlighted.

After the creation of specialty of Emergency Medicine, the next step of training emergency physicians in trauma critical care was discussed by **Dr. Suneel Kheterpal**. It was emphasized that the emergency physicians could be an important link between a trauma victim and a trauma surgeon.

**Dr. Kelly O' Keefe** talked about training of residents in the specialty of Emergency Medicine. He informed the Councilors that when the specialty of EM started in USA, the initial faculty was drawn from several specialties including Family Medicine and Ophthalmology.

**Dr. Rakesh Engineer** from Cleveland Clinic discussed about training Medical Students in Emergency Medicine as a part of their clinical rotations. He discussed various initiatives Cleveland Clinic was taking in this regards.

**Dr. Bonnie Arquilla** and **Dr. Sage Wiener** discussed the model for training of emergency physicians in Toxicological and Disaster management.

**Dr. Sanjeev Bhoi** discussed briefly about the problems faced in creating academic department of Emergency Medicine in India. **Ms. Geeta**, nurse from the JPNA Trauma Centre, AIIMS highlighted improved patient care when protocol-based emergency care was provided to trauma victims.

**Ms. Theresa Travernero** from TEAM HEALTH Institute, USA discussed about the role of team work in providing emergency care to sick patients. Everyone agreed that unless we work as a team, the patient care cannot be optimized.

**Dr. Praveen Aggarwal** discussed about various options available to train the future residents in the field of Emergency Medicine. Value of virtual training using web and problem-based training of residents was highlighted. He also informed the Councilors about the formation of **EM-TECH (Emergency Medicine and Trauma Education Center for Health)** to promote training of future emergency physicians in various areas relevant to faculty development. Three courses were held at Delhi under EMTECH and included Advanced Hazmat Life Support Course, Ultrasound Workshop for Emergency Physicians, and Clinical Research Workshop. All the councilors were of the opinion that a web site to promote interaction between Councilors is required to be created.

**The sitting Councilors presented activities and new developments in their departments at their MCI Recognized Medical Colleges.**

**Dr. Sherwani** presented his proposal for beginning a MCH super specialty course in Traumatology and narrated difficulties faced by him. While appreciating Dr. Sherwani's efforts, the Chair pointed out that the main agenda of ACET was to create academic specialty of Emergency Medicine and not super specialty courses. **Dr. Tarlika Doctor** informed the Councilors about EMS system in Gujarat and training of doctors for providing pre-hospital care.

**Dr. Upadhayay** pointed out the plans for building a new block for handling emergencies which would be known as Accident & Emergency Department.

**Dr. Moied Ahmed** informed that he has been given sanction to create three separate blocks for emergency care: one to be called as post-operative emergency care, the second for medical emergencies and the third for surgical emergencies. He also discussed about his Airway Training Course. It was felt that a great deal of co-ordination would be required among the physicians working in three separate buildings and once the department of Emergency Medicine starts, all these three areas should be under this specialty

**Dr. Devesh Patel** talked about his project to determine the perception of students regarding Emergency Medicine. **Dr. Sandeep Sahu** informed that his hospital was planning to create 54 beds for Emergency and ICU care.

**Dr. Mabel Vasnaik** discussed about her Department of Emergency Medicine and informed the Councilors that it has been functioning for the past 14 years with the faculty working only in the department of Emergency Medicine rather than being on rotation from other departments. It was felt that in view of her existing department of Emergency Medicine with dedicated faculty for over 10 years she should to apply to Medical Council of India for starting a residency in Emergency Medicine at her College.

**Other Councilors** also informed about the work being done by them for furthering the specialty of Emergency Medicine. The Councilors supported the motion to have a uniform name i.e. Emergency Medicine for the specialty and the name Accident & Emergency Medicine should be changed to Emergency Medicine.

**The Following Successful initiatives of the Academic Council were highlighted:**

- Creation of a Newsletter called the **Trauma and Emergency Academic Medicine Sentinel (TEAMS)**. TEAMS is the official mouth piece of ACET which is published 4 times a year and is circulated to all the Medical Colleges and key agencies for Education and legislation in India. It is a vehicle which proclaims and promotes academic leadership and is an open forum for awareness about activities by medical colleges and councilors conducting national building and academic initiatives in Emergency Medicine and Trauma across MCI recognized Medical Colleges in India.
- Launch of the **International Journal of Emergencies Trauma and Shock (JETS)**: JETS is India's First International Journal with an online and a print version published by the INDO-US Emergency and Trauma Collaborative. Many ACET Councilors are Editors in the Journal. Progressive initiatives like membership circulation and academic representation in JETS were also discussed.
- Success creation of the **Emergency Medicine and Trauma Education Center for Health (EM-TECH)**: Three training programs were held under EM-TECH in the last year where over 20 Councilors were trained in areas of HAZMAT, Emergency Sonography and Clinical Research.
- New training programs for 2009 would be announced soon.

Teamwork, academic unity, standardized emergency care, academic recognition, residency training, medical student education, disaster and toxicology training and future directions of the Academic Council were all of issues which were discussed above in detail at the 2008 Annual Assembly.

On the request of some of the Councilors, it was decided that from next year onwards, the letters of invitation to the existing ACET members would also be sent to their Chief/Head but the final recommendation letter from the Dean/Principal was required for confirmation.

The meeting came to an end with vote of thanks.

**- Praveen Aggarwal, MD, FICP, National Chair, ACET**



Dr. Sundarakumar and Team receiving the SUMMIT plaque for INDUSEM 2009

# Trauma & Emergency

# TEAMS

## Academic Medicine Sentinel

*"Proclaiming and Promoting Academic Leadership"*

### From the Desk of Editor



**D**ear Colleagues.

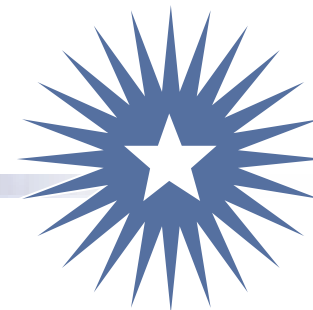
I am writing to you in a very delighted mood. I have recently returned from the mega successful INDO-US Emergency Medicine Summit at Mangalore. It was attended by over 2000 delegates and was a grand academic feast. The Mangalore team taught the world the importance of team work. The Academic Councilors of the INDO-US Academic Council for Emergency and Trauma (ACET) met at the summit and discussed various issues involved with team work, leadership skills, Residency training, Curriculum and faculty development. It is my great honor to declare that I was entrusted with the task to conduct the 5<sup>th</sup> INDO-US Emergency Medicine Summit and 4<sup>th</sup> ACET Assembly in 2009 at my medical college the PSG Institute of Medical Sciences & Research, Coimbatore.

I take this opportunity to invite you all to Coimbatore for INDUS-EM 2009. Coimbatore is a city in the foot hills of the Western Ghats and the Queen of mountains Ooty. The weather is pleasant in the month of October. We Coimbatoreans are well known for our warmth and hospitality. The theme of the 2009 summit is "Education, Expertise and Enterprise". I assure you of a great time which includes a magnificent scientific banquet. I believe that we need to have more participation in ACET. I hereby request Deans of Medical Colleges to seize this opportunity of Academic Unification which delivers progress by bringing Standardized Emergency Care to their crowded Emergency Departments. I call Deans, Policy makers of all the medical colleges, state governments, central government, and private institutions to identify individuals who can play a leadership role in creating and developing Emergency Medicine as a specialty and nominate them to ACET. We intend to have residency program guidelines formulated which will pave the way for developing post graduate programs in EM at MCI recognized Medical Colleges in India.

Our United stand leads us to success in achieving total emergency academics by creating free standing departments of Emergency medicine, residency training, medical student education, academic research and public awareness at every medical college in India. The Medical Colleges are the ideal environments to train and generate teachers and healers in emergency medicine. As you all are aware we have launched the International Journal of Emergencies, Trauma and Shock (JETS). It synergizes Basic Science, Clinical Medicine and Public Health and calls for research works for investigators in the field of Emergency Medicine, Traumatology, Resuscitation, Toxicology, Policy and global health. JETS is peer reviewed and indexed and is available as open access at [www.onlinejets.org](http://www.onlinejets.org).

I request you all to have JETS as a part of your library and publish your work in JETS. It's India's First international Journal being circulated in 30 countries and editors from around the globe. JETS have released two issues in 2008 and will be coming out with 3 issues in 2009. It is peer reviewed and indexed. Its online cum print readership has crossed 20,000 in the very first year. I am very thankful to everybody for entrusting me the 2009 summit. I have also completed one year as editor of TEAMS and it has been a great experience. I was very happy to have you all support me and I thank all my ACET colleagues and every member of all the medical colleges for making this newsletter a success. I need you in the coming times with INDUS-EM 2009 organization and furthering the expansion of TEAMS.

JAIHIND



*Editor*

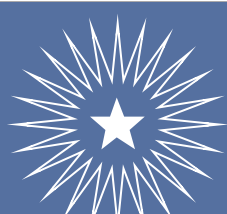
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**SUNDARAKUMAR**

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## INDO-US Emergency Medicine Summit 2008 - A Report

- Dr. Sudesh Rao

Secretary General, INDUS-EM 2008

**A Level One International Academic Meeting on Trauma, Emergency & Disaster Medicine**

**INDUS-EM 2008: AJ Institute of Medical Sciences, Mangalore, Karnataka**

**Secretary General: Dr Sudhesh Rao**

**Theme: "Rescue, Resuscitation and Research"**

**Highlights: 5 Days, 6 Venues, 15 Halls, 19 Workshops, 200 Hours of Education, 100 INDO-US Faculty, 2500 Delegates and Rs 1, 00,000 in Prizes for Academic Competitions.**



INDUS-EM Summit 2008 was held simultaneously with the Annual Assembly of the Academic Council for Emergency and Trauma. This meeting was hosted by AJ Institute of Medical Sciences Mangalore in partnership with KS Hegde Medical Academy, Manipal

University, Father Muller Medical College, Yenepoya Medical College and Government of India's Mangalore Refinery and Petrochemicals Limited.

2500 Delegates participated from over 50 Medical Colleges across India. The Summit was held simultaneously in 10 Halls and 5 venues over 5 Days and was hugely supported by the Medical Council of India, Rajiv Gandhi Medical University, Indian Council for Medical Research, many International agencies and the Industry. Faculty from the Centers for Disease Control and Prevention, USA also participated in the Summit.

INDUS-EM 2008 also introduced its new range of workshops namely Emergency Airway and Ventilation, Clinical Research Methods for Clinical Trials, Pediatric and Pregnancy Resuscitation and Tactical Medicine. These new education segments were very well appreciated and Delegates wanted new segments to be introduced in 2009. The Second Issue of the Journal of Emergencies, Trauma and Shock (JETS) was released at the inaugural function of the Summit. The Academic Council meeting was attended by over 30 Councilors and 5 Deans. A range of issues were discussed in ACET from Emergency Academic Content to problems in developing Academic EM in India. Journal of Emergencies Trauma and Shock (JETS) is the official journal of the INDO-US Emergency and Trauma Collaborative.

JETS encourages research, education and dissemination of knowledge in the fields of Emergency Medicine, Traumatology and Shock Resuscitation thus promoting translational research by striking a synergy between basic science, clinical medicine and global health. JETS is indexed with Caspur, DOAJ, EBSCO Publishing's Electronic Databases, Expanded Academic ASAP, Genomics JournalSeek, Google Scholar, InfoTrac OneFile, SIIC databases and Ulrich's International Periodical Directory. JETS was published semiannually (June and December) in 2008 and will be a quarterly from 2009 (January, April, July, October).

There was an INDO-US Joint Working Group (JWG) which was formed in 2007 by Experts from India and United States Lead by Leaders from the Association of Physicians of India (API). A white paper was drafted addressing the status and the future steps to develop Academic Emergency Medicine in India. This White Paper on Developing Academic Emergency Medicine in India was published in the October 2008 issue of the Journal of the Association of Physicians of India (JAPI). JAPI is the official Scientific Publication of the Association of Physicians of India which is a 64 Year organization representing the rights of over One

Million Internists in India. As a part of Satellite Academic Meetings of INDUS-EM 2008 One Pre-Conference and Three Post Conferences were held in New Delhi, Baroda, Pune and Mumbai respectively, INDUS-EM Faculty participated in Disaster Workshops, Trauma Critical Care Education Program and the Annual Conference of the Association of Physicians of India Maharashtra State Chapter (MAPICON 2008). They also participated in CDC workshops at the Maharashtra University of Health Sciences and Gujarat.

The 2005 and 2006 INDUS-EM Summit were Hosted by the All India Institute of Medical Sciences while 2007 INDUS-EM Summit was hosted by Physicians from Indian Railway Health System. **INDUS-EM 2008 was held over 5 Days for 2500 Delegates who got 200 Hours of Education from 100 INDO-US Faculty in form of didactics and 15 multi-venue skills workshops along with prizes worth Rs 1,00,000 awarded for Research Competitions. This added another proud chapter in the history of developing Academic Emergency Medicine in India.**

**INDO-US Emergency & Trauma Collaborative**  
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Medical Students, Residents, Faculty, Nurses, Paramedics, Public Health Experts,  
Administrators, Policy Makers, Councilors, Delegates & Research Papers  
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**INDUS-EM 2009**  
5<sup>th</sup> INDO-US Emergency Medicine Summit  
"A Level One International Academic Meeting on Trauma, Emergency &  
Disaster Medicine"  
&  
**ACET Annual Assembly 2009**  
4<sup>th</sup> INDO-US Academic Council for Emergency & Trauma- Annual Assembly  
"Acute Academic Technology & Leadership Incubator"  
**Joint Conferences**  
Emergency Nursing Conference (ENCON 2009)  
Disaster Conference for India (DCON-INDIA)  
Paramedic Parishad of India (PPI 2009)  
INDO-US Leadership Meetings  
INDO-US Career Conference  
EMARCS 2009  
**Coimbatore, India**  
30<sup>th</sup> October, 31<sup>st</sup> October & 1<sup>st</sup> November 2009  
PSG Institute of Medical Sciences & Research, Coimbatore, India  
**Coimbatore Academic Pre-Summit**  
28<sup>th</sup> October & 29<sup>th</sup> October 2009  
**INDO-US Academic Promoters**  
University of South Florida, USA  
State University of New York, USA  
All India Institute of Medical Sciences, India  
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## Summarized Minutes of the 3<sup>rd</sup> Annual Assembly of the INDO-US Academic Council for Emergency and Trauma (ACET-2008)

10<sup>th</sup> and 11<sup>th</sup> October 2008 at A.J. Institute of Medical Sciences, Mangalore, India

The 3<sup>rd</sup> Annual ACET- 2008 was held at Mangalore along with the Fourth INDO-US Emergency Medicine Summit 2008 and was attended by the following Councilors:



At the ACET 2008 thirteen councilors attended the meeting for the second time or third time. As per the decision taken in the last meeting (ACET-2007), previous year's councilors were allowed even without a support letter from Dean.

**Dr Aggarwal (AIIMS)** called the meeting to order with a welcome address to all the Councilors and the invited speakers both from USA and India. Since some of the councilors were new, they were informed briefly about the objectives of creating ACET and the active role of faculty from USA in our Endeavour to create and develop the academic specialty of Emergency Medicine in India.

**Prof. O.P. Kalra**, Principal of University College of Medical Sciences, Delhi also stressed that Emergency Medicine is the need of hour in India and opined that in the first few years, the faculty should be drawn from Internal Medicine and Anesthesia specialties till the specialty of EM has its own trained faculty members.

The Councilors were informed that the Association of Physicians of India (API) recognized the need for creating specialty of Emergency Medicine in India and published a **white paper** on the status and need of Emergency Medicine in India. API is a 64 year organization representing the voice of over one million internists in India. Copies of this White paper which was published in the Journal of API were distributed to the councilors.

Another initiative of INDO-US collaboration was the launch of an International Journal, **Journal of Emergencies, Trauma and Shock (JETS)**. Copies of this journal were also distributed. The Councilors were encouraged to read articles online ([www.onlinejets.org](http://www.onlinejets.org)) and contribute scientific papers in this Journal (<http://www.journalonweb.com/jets/>).

The proposal for confirming **INDUS-EM Summit 2009 and ACET 2009** venue was discussed. It was approved that INDUS-EM summit 2009 and ACET 2009 would be held at PSG Institute of Medical Sciences and Research, Coimbatore, India under the leadership of Councilor and TEAMS Newsletter Editor Dr Sundarakumar Sundarajan.

**Dr. Sundarakumar** was applauded for his continuous efforts in bringing out the quarterly issues of TEAMS Newsletter. Later Dr Sundarakumar accepted the Ceremonial Plaque of INDUS-EM Summit and ACET Assembly from the Mangalore Team marking the hand over of venue and destination for the INDUS Movement from Mangalore to Coimbatore. His whole team from Coimbatore was present at the handover ceremony where Dr Sundarakumar assumed his role as Secretary General for INDUS-EM. He confirmed the Theme for INDUS-EM 2009 and ACET 2009 as **"Education, Expertise and Enterprise"**. He also discussed about his FAIMER project on developing core-curriculum for Emergency Medicine in India. He sought opinions and ideas from all the councilors in this regard.

Name	MCI Recognized Medical College
Dr. A.T. Leuva	Dean, Government Medical College, Vadodara. Gujarat
Dr. O.P. Kalra	Principal, University College of Medical Sciences & GTB Hospital, Delhi
Dr. Ambareesha M	Kasturba Medical College, Mangalore
Dr. Amit Gupta	JPNA Trauma Centre, All India Institute of Medical Sciences, New Delhi
Dr. Anita Sharma	Himalayan Institute of Medical Sciences, Dehradun
Dr. Ashok C. Upadhyaya	Nizam Institute of Medical Sciences, Hyderabad.
Dr. Ashok V. Deshpande	Bharti Medical College & Sanjivan Hospital, Sangli, Maharashtra
Dr. Caraciolo Fernandes	Goa Medical College, Goa
Dr. Darshana Makwana	B.J. Medical College, Ahmedabad, Gujarat
Dr. Devesh Patel	Medical College, Vadodara, Gujarat
Dr. Harsha P. Jivarajani	B.J. Medical College, Ahmedabad, Gujarat
Dr. Jayaraj M.B.	Jubilee Mission Medical College & RI, Thausur, Kerala
Dr. Kundan Gedam	Chattisgarh Institute of Medical Sciences, Bilaspur
Dr. M.R.Upadhyaya	Baroda Medical College, Gujarat
Dr. Mabel Vasnaik	St. John Medical College & Hospital, Bangalore, Karnataka
Dr. Praveen Aggarwal	All India Institute of Medical Sciences, New Delhi
Dr. S. Padmanabha	Yenepoya Medical College, Mangalore
Dr. S. Sundara Kumar	PSG Institute of Medical Sciences, Coimbatore, Tamil Nadu
Dr. Sandeep Sahu	G.S.V.M. Medical College, Kanpur, Uttar Pradesh
Dr. Sanjeev Bhoi	JPNA Trauma Centre, All India Institute of Medical Sciences, New Delhi
Dr. Satish Kumar S.	Narayana Medical College, Nellore, Andhra Pradesh
Dr. Shivakumar C.R	KBNIMS (Medical College) & Hospital, Gulbarga , Karnataka
Dr. Srinivas H.T.	J.S.S. Medical College, Mysore. Karnataka
Dr Sudhesh Rao	AJ Institute of Medical Sciences, Mangalore, Karnataka
Dr. Syed Moied Ahmed	J.N. Medical College, Aligarh Medical College, Aligarh, Uttar Pradesh
Dr. Tarlika Doctor	B.J. Medical College, Gujarat
Lt. Col (Retd). Dr. Y. Ashok	Dr. Pinnamanem Siddhartha Medical College, Andhra Pradesh
Dr. Senthilkumaran	Vinayaga Mission, Salem

