



## INDUSEM 2005-2014 A Decade of Constructive INDO-US Collaboration!

The INDUSEM Collaborative will continue to foster Academic Leadership in Educational Exchange and Cooperative Research via its Annual INDUS-EM Summit, ACET Assembly, Year Round training events and ongoing research initiatives. This will increase partnerships and unity by and between India and the United States. This unity will further the mission to establish Academic Emergency & Trauma Sciences across the world.



Dr. Sagar Galwankar



## Dr. Vikas Kapil appointed as Chief Medical Officer at CDC Center For Global Health



It is my pleasure to announce that Dr. Vikas Kapil has accepted the position of Chief Medical Officer and Associate Director for Science in Center for Global Health at the Centers for Disease Control and Prevention.

Prior to coming to CDC/ATSDR in 2002, Dr. Kapil served as Director of University Health Services and as Associate Professor of Environmental Health at the University of Cincinnati Medical Center, and as Director of Occupational Health Services at St. Lukes Medical Center in Toledo, Ohio.

His clinical and research interests include environmental and occupational pulmonary diseases, occupational infections and vaccine preventable diseases, environmental emergencies and environmental health problems, and injury in low and middle income countries.

Dr. Kapil attended medical school at Michigan State University and received a Masters in Public Health from The University of Michigan. He completed residency training in emergency medicine at POH Medical Center in Pontiac, Michigan and in occupational and environmental medicine at the University of Michigan Medical Center in Ann Arbor, Michigan. Dr. Kapil is board certified in emergency medicine and preventive medicine."

Dr. Kapil comes to CGH from CDC's National Center for Environmental Health/Agency for Toxic Substances and Disease Registry (NCEH/ATSDR) where he has served in several roles as part of the senior management team including most recently as Associate Director for Science and Chief Medical Officer. In addition, he has been responsible for coordination of NCEH/ATSDR's global environmental health activities including CDC's initiative on household air pollution and health and a long standing collaboration on environmental and occupational health and injury prevention and control in India. Previously, he also served as Associate Director for Science at NCIPC's Division of Injury Response, and as the Branch Chief for the Surveillance and Registries Branch at ATSDR.

Dr Kapil is a prominent leader in the Arena of INDO- US partnerships for health and development.

*"Sent on behalf of Dr. Tom Kenyon, Director, Center for Global Health, CDC:"*

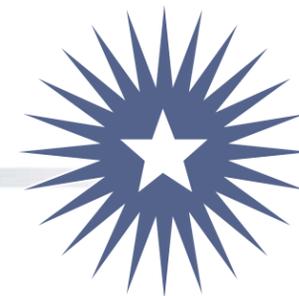


## Trauma & Emergency

# TEAMS

Academic Medicine Sentinel

*"Proclaiming and Promoting Academic Leadership"*



## From the Desk of Editor



Dear friends and colleagues

It is 10 years since INDUSEM was instituted with an interest to develop and foster the science of Emergency Medicine in our country. Proud moment for all the leaders who are together since its inception and the other members who were committed to this specialty.

This movement could build a TEAM of likeminded people across the nation from academic institutions to implement the ways and means of creating, developing, sustaining this process for further improvement with a only motto of creating healthcare system of emergency and acute care for the needy population in times of crisis. The road we all travelled together holding hands to each other, crossing all the political, bureaucratic and other hurdles paved the way for initiating EMERGENCY MEDICINE as a specialty across health care institutions in India.

2005-2014 we moved across the nation carrying the torch of INDUSEM. We started from New Delhi with an initial small group from AIIMS & Baroda medical college followed by 60 medical colleges together as Academic Council for Emergency & Trauma Care (ACET). Later we initiated EMTECH the academic training wing of INDUSEM. JETS & TEAMS the journal and the newsletter of INDUSEM came into existence by which we were able to reach the medical colleges. The research component was addressed by INDUS-ARC and INCIITE. The year 2009 was the landmark when MCI announced MD-EMERGENCY MEDICINE under broad specialty so that medical colleges can initiate the course. The first MCI recognized MD EM specialist came out in the year 2013 following which the EMCORD the union of medical colleges running EM programme was framed to discuss the problems and solutions in running the course.

We have published three landmark papers which forms a road map in taking this specialty to more heights so that the common man's life is saved at his doorstep or on the road. We feel proud and accomplished as the front runners of founding this specialty but do remember **"Miles to go before we sleep"** hence we strive hard to keep pace with the international community in improving this specialty and maintain Good Clinical Practice to serve with the best methods for the common man.

Thank you

Wish to meet you all in person in INDUSEM 2014 at Lucknow

JAIHIND.

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The INDO-US partnership exists at many levels and in many areas. In the field of Emergency Medicine and Trauma this collaboration began as an academic effort between University of South Florida and SUNY Downstate in the United States and All India Institute of Medical Sciences along with Baroda Medical College-SSG Hospital in India. Today INDUSEM involves 61 Universities and Medical Institutions across India and the United States of America.

The partnership came into existence in 2005 at New Delhi, India. Academic Leaders from US and India shared similar blueprints regarding the development of the academic fields of Trauma and Emergency care in India.

This partnership was built on a "Non Colonial Model" and has adopted the "Academic Institutional Partnership Ideology". Thus INDUSEM is about Scientists, Academicians & Institutions of learning.

The main mission of this partnership is to foster the growth of academic medicine in the fields of Emergency Care and Traumatology. The collaborative promotes exchange of knowledge and mutual development between Academic institutions in India and the United States.

Physicians go through a lifelong process of perfecting their learned practices. They learn these practices at their medical colleges. It is the medical colleges which award them their credentials. The birth place of any medical expert's expertise is the training institution hence if any new science has to be developed and taught the ideal sites are none other than medical colleges across India. The INDUSEM Leadership believe that the role of MCI recognized Medical Colleges and Academic Institutions is Crucial to develop the academic fraternity in Emergency and Trauma which by itself are new academic sciences to India. To forge ahead it was important that interested academicians meet and discuss science and policy and at the same time promote the specialty in India.



2005-2014 Annual INDUSEM Summits: The collaborative till date has organized Nine INDO-US Emergency Medicine Academic Summits (2005 Delhi, 2006 Delhi, 2007 Mumbai, 2008 Mangalore, 2009 Coimbatore, 2010 Vadodara, 2011 Delhi, 2012 Nashik & 2013 Thrissur). The 10<sup>th</sup> INDUSEM Summit is being held at King George University Lucknow. Till date the Conferences have been attended by over

15000 delegates. These meetings have been also supported by many pre and post conferences and workshops all over India which have trained over 8000 delegates over the past ten years.

2006 saw the formation of Academic Council for Emergency and Trauma (ACET) which brought Nominated Councillors from MCI Recognized Medical Colleges in India to a single forum which is collectively taking leadership in drafting curriculum, guidelines and standards of Emergency and Trauma Care in India. Today in its 8<sup>th</sup> Year ACET has been India's Only Interdisciplinary Health Policy Advocacy Group geared towards creating state of the art Academics in Emergency and Trauma.



2007 led to the establishment of the Emergency Medicine & Trauma Education Centre for Health (EM-TECH). EM-TECH started with the mission of formalizing, facilitating and fortifying the process of providing creditable lifelong education in the fields of Emergency Medicine and Trauma. EM-TECH provides the necessary knowledge, support and technical expertise to bring workshops, Courses and academic meetings in Emergency and Trauma to India. EM-TECH is supported by a large number of Academicians from US and India. As of today 5000 Hours of Training programs and over 100 Workshops have been held across India.



2008 was the year when The International Journal of Emergencies Trauma and Shock (JETS) was founded by Editors from over 30

Countries and 20 disciplines. It has crossed over 2,00,000 in readership and is peer reviewed PUBMED indexed and available in both in print and online format. It is a landmark publication which synergizes basic sciences, clinical medicine and public health across the globe. [www.onlinejets.org](http://www.onlinejets.org)

2008 also saw the launch of TEAMS Newsletter. The Trauma and Emergency Academic Medicine Sentinel the official mouth piece of INDUSEM has been published uninterrupted every 3 Months and is circulated and read across medical colleges and agencies in India and the United States.

2008 also saw INDUSEM publish its First Landmark Health Policy Position Paper on Developing Academic Emergency Medicine in

India. This white paper was published in the Journal of Association of Physicians of India (JAPI). JAPI is the official Journal of the Association of Physicians of India which is a body which represents the rights of over 1 Million Internists in India since the last 64 Years.

2009 was the year when Medical Council of India recognized Emergency Medicine as a New Speciality in India and INDUSEM Launched the INDO-US Academic Research Cooperative (INDUS-ARC). INDUS-ARC was created to push the collaborative multicentre Clinical Research Agenda at Academic

Medical Institutions across India. This arrangement will make the research process simpler as the cooperative will develop common approval and administrative mechanisms to accomplish multicenter research studies within minimum time resulting in maximum patient participation related outcomes.

2010 witnessed the founding of the Academic College of Emergency Experts in India (ACEE) [www.acee-india.org](http://www.acee-india.org) & the Academy for Clinical Emergency Nursing in India (ACEN) [www.acenindia.org](http://www.acenindia.org). The Focus of the college and the academy was to impart training in provision of Quality Emergency Medical Care. Fellowship of these institutions was awarded via a rigorous coaching and assessment process. Till Date over 100 Physician and Nursing Leaders have been inducted as the Fellows of their respective academies at annual convocations held during the Annual INDUSEM Summits.



2011 was the year when the INDUS Network of Critical Illness and Injury Translation Trials Experts (INCIITTE) was established. Translational Research is the need of the hour. India is the new hub for research and the world is looking to take science from Bench side to Bedside and Beyond. In India there is a separatist ideology will Basic Scientist, Clinical Researchers and Public

Health Investigators do not work together on innovation. The result is that ideas get restricted to the boundaries of laboratories or clinics or communities. INCIITTE is an effort to boost translational research in Medicine focusing on the area of Critical Illness and



Injury and working to bring together Basic Scientists, Clinicians and Public Health experts for the benefit of translational science. Various Researchers are encouraged to submit ideas at the INCIITTE meeting out of which few ideas are selected and encouraged to be formatted and get funded in order to promote research in Critical Illness and Injury Science in India. In past meetings over 100 ideas were submitted and the Top 10 have been coached and funded by the Department of Science and Technology and the Indian Council for Medical Research.

## EMCORD INDIA

2012 witnessed the Establishment of the Emergency Medicine Council For Residency Departments in India (EMCORD-INDIA) which is national conglomerate of MCI recognized Emergency Medicine Residency Departments in India. EMCORD brings Academic Leaders across MCI Recognized EM Departments in India to work towards developing uniform training and treatment guidelines for the practice and promotion of Quality Emergency Care.

2013 saw the publication of the 2<sup>nd</sup> Landmark Health Policy Paper titled "Academic College of Emergency Experts in India's INDO-US Joint Working Group (JWG) White Paper on the Integrated Emergency Communication Response Service in India: Much more than just a number!" This paper chalked out the challenges and solutions in setting up a One Telephone Service Number available to all the citizens of India.

2014 was the 10<sup>th</sup> Year of INDUSEM and also the year when INDUSEM formalized its vision for the next decade: "Provision and Promotion of Quality Emergency Care by Quality Education and Quality Research by the Qualified Quality HealthCare Providers in India".



INDUSEM published two Landmark Health Policy Papers The 2014 Academic College of Emergency Experts in India's INDO-US Joint Working Group (JWG) White Paper on "Developing Trauma Sciences and Injury Care in India" and The 2014 Academic College of Emergency Experts in India's Education Development Committee (EDC) White Paper on establishing an academic department of Emergency Medicine in India Guidelines for Staffing, Infrastructure, Resources, Curriculum and Training. The papers chalked out in detail the road map to developing Emergency Departments and Trauma Systems in India.

