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International Congress on Emergency Medical Service Systems - EMS 2012
09th – 11th February 2012, JL Auditorium, All India Institute of Medical Sciences (AIIMS), New Delhi, India

Scientific Programme

Thursday, 9th February 2012

Venue: Jawaharlal Auditorium, AIIMS

0800 hrs
onwards

Delegate Registration & Kit Distribution

Session-I : Emergency Medical Service Systems : A Global Perspective

SESSION CHAIRS

Prof PK Dave

Chairman, Advisory Board, Rockland Hospital
& Former Director – AIIMS, New Delhi, **India**

Dr Raed Arafat

Deputy Health Minister
Ministry of Health, **Romania**

0930-0950 hrs

Emergency Medical Services in Germany

Prof Alex Lechleuthner

Medical Director, EMS Köln & Professor, Institute of Rescue Engineering, University of Applied Sciences, Köln, **Germany**

0950-1010 hrs

EMS in the US – Lessons Learnt

Dr Jeffrey Smith

Director, Ronald Reagan Institute of Emergency Medicine, George Washington University Medical Center, **USA**

1010-1030 hrs

Emergency Medical Services in Singapore

Dr Marcus Ong

Senior Consultant, Clinician Scientist and Director of Research, Dept of Emergency Medicine, Singapore General Hospital, Duke-NUS Graduate Medical School, Office of Clinical Sciences, Consultant, Ministry of Health, Prehospital Emergency Care, **Singapore**

Session-II: Emergency Medical Service Systems : A Global Perspective

SESSION CHAIRS

Dr (Lt Gen) Naresh Kumar Parmar, PVSM, AVSM, VrC, VSM

Chief Operating Officer & Director Medical Services
Apollo Hospitals, Bhubaneswar, Odisha, **India**

Mr Don Lundy

EMS Director, Charleston County EMS &
President Elect – NAEMT, **USA**

1040-1100 hrs

Emergency Medical Service System in Japan

Prof Tetsuya Sakamoto

Chairman, Department of Emergency Medicine, Director, Trauma and Resuscitation Center, Teikyo University School of Medicine, Teikyo, **Japan**

1100-1120 hrs

Emergency Medical and Trauma Service in Malaysia

Dr Hafiz Syarbaini Mansor

Emergency Physician, Kuala Lumpur Hospital, Kuala Lumpur, **Malaysia**

1120-1135 hrs

Integrated Autopulse - CPR vs. Manual CPR: An International Perspective

Dr E Brooke Lerner

Associate Professor and Research Director, Department of Emergency Medicine, Medical College of Wisconsin, **USA**

Session-III: Asian EMS Showcase Track

SESSION CHAIRS

Prof MC Misra

Professor & Head, Department of Surgical Disciplines & Chief,

Dr Vijay Gautam

Head, Emergency Services, Ashford & St Peter's Hospital, Surrey;

JPN Apex Trauma Center, All India Institute of Medical Sciences, New Delhi, India		Associate Dean, PG Medical Education, London Deanery, University of London, and President, St John's Ambulance (Edmonton), London, UK
1200-1220 hrs	The Pan Asian Resuscitation Outcomes Study (PAROS) Clinical Research Network	Dr Marcus Ong Senior Consultant, Clinician Scientist and Director of Research, Dept of Emergency Medicine, Singapore General Hospital, Duke-NUS Graduate Medical School, Office of Clinical Sciences, Consultant, Ministry of Health, Prehospital Emergency Care, Singapore
1220-1240 hrs	Ambulance Operation in Crowded Areas	Dr Omar Al Sakaf Technical Director & Head, Medical Committee, Dubai Centre for Ambulance Services (DCAS), Dubai, UAE
1240-1300 hrs	Is there a Role for Advanced Life Support in Asian EMS?	Dr Patrick Chow-In Ko Assistant Professor, Department of Emergency Medicine, National Taiwan University, Yun-Lin Branch Hospital, Taipei, Taiwan
1310-1400 hrs	Lunch (Venue: Swimming Pool Lawns, AIIMS)	
Session-IV: Asian EMS Showcase Track		
SESSION CHAIRS		
Prof AK Gupta Medical Superintendent PGIMER, Chandigarh, India		Dr V Anantharaman Dept of Emergency Medicine, Singapore General Hospital & Chairman, National Resuscitation Council, Singapore
1400-1420 hrs	Reducing Door-To-Balloon Times for Acute STEMI through Pre-hospital 12-Lead ECG Transmission	Dr Doctor Nausheen Associate Consultant, Department of Emergency Medicine, Singapore General Hospital, Singapore
1420-1440 hrs	Preparing Emergency Department for Bomb Blasts - Lessons learnt from Experience in Karachi	Dr Junaid A. Razzak Director, WHO Collaborating Center on Emergency Medicine and Trauma & Associate Professor and Chair, Department of Emergency Medicine Aga Khan University, Karachi, Pakistan
1440-1500 hrs	Korean Model of Financing Emergency Care	Dr Kyung Won Lee Chairman, Department of Emergency Medicine, Catholic University of Daegu Medical Center, Daegu Metropolitan, South Korea
Session-V: EMS in India - Challenges & Constraints		
SESSION CHAIRS		
Dr. Muzaffar Ahmad Member, National Disaster Management Authority, Govt. of India, New Delhi, India		Dr Amarjit Singh, IAS Joint Secretary, Department of School Education & Literacy, Ministry of HRD, Govt. of India, India
1530-1550 hrs	Emergency Response and Medical Preparedness : Indian Scenario	Dr Muzaffar Ahmad Member, National Disaster Management Authority, Govt. of India, India
1550-1610 hrs	Public-Private-Partnership in Emergency Medical Services – The Gujarat Experience	Dr Amarjit Singh Joint Secretary, Department of School Education & Literacy, Ministry of HRD, Govt. of India, India
1610-1630 hrs	The Challenges for Education and Training of EM Personnel in India	Dr Suresh David Professor & Head, Dept of Accident & Emergency Medicine, Christian Medical College (CMC), Vellore, Tamilnadu, India
1630-1650 hrs	Assessment of Publically Financed Ambulance Services under NRHM – A Comparative Case Study from Andhra Pradesh, Haryana and Odisha	Dr T. Sundararaman Executive Director, National Health Systems Resource Centre, Ministry of Health & Family Welfare, Govt. of India, India
1650-1710 hrs	The Evolution of Pre-Hospital Emergency Services in India - What took a Century in Europe can be achieved in India in Ten years	Mr Kenneth Kronohage Business Manager, Falck, Denmark

1800 hrs onwards	Inauguration & High Tea (By Shri Ghulam Nabi Azad - Hon'ble Union Minister for Health & Family Welfare, Govt. of India & Jenab Omar Abdullah - Hon'ble Chief Minister, Jammu & Kashmir State, India)	
Friday, 10th February 2012		
Venue: Jawaharlal Auditorium, AIIMS		
Session-VI: Systems Approach to Emergency Response		
SESSION CHAIRS		
Col Sunil Kant, VSM Officers Training College, AMC Centre & College, UP, India		Dr Junaid A Razzak Director, WHO Collaborating Center on Emergency Medicine and Trauma & Associate Professor and Chair, Department of Emergency Medicine, Aga Khan University, Karachi, Pakistan
0900-0920 hrs	Essential Components of an EMS System	Dr Peter Taillac <i>Medical Director, Emergency Medical Services and Preparedness, Utah Department of Health, State of Utah, USA</i>
0920-0935 hrs	Innovation and Creativity in Emergency Medicine & Trauma Services Challenges in Establishing an EMS System	Dr Hafiz Syarbaini Mansor <i>Emergency Physician, Kuala Lumpur Hospital, Kuala Lumpur, Malaysia</i>
0935-0955 hrs	Community Based Emergency Care	Prof V. Anantharaman <i>Department of Emergency Medicine, Singapore General Hospital & Chairman, National Resuscitation Council, Singapore</i>
Session-VII: Systems Approach to Emergency Response		
SESSION CHAIRS		
Dr Sidhartha Satpathy Professor of Hospital Administration & Addl. Medical Superintendent, Dr. BRAIRCH, AIIMS, New Delhi, India		Lt. Col. Dr Gerd Kremers Dept of Anaesthesia, Intensive Care & Emergency Medicine, Federal Armed Forces Medical Centre, Ulm, Germany
1005-1025 hrs	Successful Systems of Trauma Care: The Key Ingredients and Lessons from Around the World	Prof Russell L. Gruen <i>Professor of Surgery & Public Health, The Alfred & Monash University & Director, National Trauma Research Institute, Melbourne, Australia</i>
1025-1045 hrs	Challenges in Establishing an EMS System	Dr Raed Arafat <i>Deputy Health Minister, Ministry of Health, Romania</i>
1045-1105 hrs	EMS Leadership – A Different Time Line, A Similar Team Effort	Mr Don Lundy <i>EMS Director, Charleston County EMS & President Elect – NAEMT, USA</i>
Session-VIII: Emergency Department - Planning & Designing		
SESSION CHAIRS		
Dr Suresh David Professor & Head, Dept of Accident & Emergency Medicine, Christian Medical College (CMC), Vellore, Tamilnadu, India		Dr Patrick Chow-In Ko Assistant Professor, Dept of Emergency Medicine, National Taiwan University, Yun-Lin Branch Hospital, Taipei, Taiwan
1130-1150 hrs	Trauma Centre / Emergency Department – Structure and Management of Trauma Patients at the Military Hospital Ulm	Major Florent Josse <i>Department of Anaesthesia, Intensive Care and Emergency Medicine, Federal Armed Forces Medical Centre, Ulm, Germany</i>
1150-1210 hrs	Accelerating Care: Moving Care to The ED's Front Door	Dr Manuel Hernandez <i>Principal, Cannon Design, Chicago, USA</i> Dr Deborah Sheehan <i>Regional Director, Healthcare, Cannon Design, Chicago, USA</i>

Session-IX: Emergency Department - Planning & Designing

SESSION CHAIRS

Dr R Chandrashekhara Chief Architect, Ministry of Health & Family Welfare Govt. of India, New Delhi, India		Prof Russell L. Gruen Professor of Surgery & Public Health, The Alfred & Monash University & Director, National Trauma Research Institute, Melbourne, Australia	
1220-1235 hrs	Health Facility Planning Technology, Practices in Designing and Rapid Procurement of Health Infrastructure	Dr Aladin Niazmand Managing Director, Health Planner and Healthcare Architect, TAHPI Pty Ltd, Sydney, Australia	
1235-1250 hrs	Illumination in OT & Emergency Department	Mr Rafael Muñoz Managing Director, TRILUX Medical GmbH & Co. KG, Germany	
1250-1305 hrs	The Use of Self Disinfecting Touch Surfaces, Like Anti- Microbial Copper, in Emergency Medical Services Areas to Reduce Hospital Acquired Infection Rates	Dr Anu Kant Mital Professor & Head, Rajiv Gandhi Medical College, Thane, Maharashtra, India	
1315-1400 hrs	Lunch (Venue: Swimming Pool Lawns, AIIMS)		

Session-X: Pre-hospital Emergency Care

SESSION CHAIRS

Dr Gurjit Singh Professor & Head, Department of CTVS, Government Medical College, Jammu, J&K, India		Dr Doctor Nausheen Associate Consultant, Department of Emergency Medicine, Singapore General Hospital, Singapore	
1400-1415 hrs	Supporting a Culture of Continuous Improvement in Hospitals and EMS Services – An AED Approach	Ms. Hui-Ling Elaine Yeo Senior Sales & Market Development Manager for AEDs at Philips Healthcare Asia-Pacific, Singapore	
1415-1430 hrs	Patient Handling Systems : An Italian Experience	Mr Antonio Ciardella Sr. Sales Manager, Spencer Italia srl, Italy	
1430-1445 hrs	Simply Saving Lives	Mr Kobi Ludwin International Sales and Marketing at Persys Medical; Director, Business Development at Soonnight.com UK; Managing Director at K.O.L, London, UK	

Session-XI: Pre-hospital Emergency Care

SESSION CHAIRS

Dr Prasad Rajhans Chief Intensivist, Deenanath Mangeshkar Hospital & Consultant in EMS, Symbiosis International University, India		Prof Tetsuya Sakamoto Chairman, Department of Emergency Medicine, & Director, Trauma and Resuscitation Center, Teikyo University School of Medicine, Teikyo, Japan	
1455-1515 hrs	Treat & Run: The Alternative to 'Scoop And Run' and 'Stay And Play' for Time-Critical Trauma Patients	Prof Russell L. Gruen Professor of Surgery & Public Health, The Alfred & Monash University & Director, National Trauma Research Institute, Melbourne, Australia	
1515-1535 hrs	Heavy Goods Vehicle Rescue – The Medics View	Dr Mark Forrest Medical Director, Cheshire Fire & Rescue Service and Consultant in Anaesthetics & Critical Care, UK	
1535-1555 hrs	Emergency Preparedness for Mass Gatherings	Mr Michael Thralls A Shift Operations Commander Indianapolis EMS, Department of Public Safety, Indianapolis, USA	

Session-XII: Ambulatory Care Delivery Process

SESSION CHAIRS

Prof Balram Bhargava Professor, Dept of Cardiology, Cardiothoracic Sciences Centre, AIIMS, & Executive Director, Stanford-India Biodesign (India) New Delhi, India		Dr Marcus Ong Senior Consultant, Clinician Scientist & Director of Research, Dept of Emergency Medicine, Singapore General Hospital & Consultant, Ministry of Health, Singapore	
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1620-1640 hrs	Roadside to Critical Care: A Continuum of Care	Dr Mark Forrest Medical Director, Cheshire Fire & Rescue Service and Consultant in Anaesthetics & Critical Care, UK
1640-1700 hrs	Inter Hospital Transfer	Dr Vijay Gautam Head, Emergency Services, Ashford & St Peter's Hospital, Surrey; Associate Dean, PG Medical Education, London Deanery, University of London, and President, St John's Ambulance (Edmonton), London, UK
1700-1720 hrs	Ventilating EMS Systems	Dr Jason van der Velde Medical Adviser, Rescue Organisation Ireland, Ireland

Session-XIII: Ambulatory Care Delivery Process

SESSION CHAIRS

Dr Subroto Das Managing Trustee & CEO, Lifeline Foundation Gujarat, India		Dr Kyung Won Lee Chairman, Department of Emergency Medicine, Catholic University of Daegu Medical Center, South Korea	
1730-1750 hrs	The journey from "Door to Balloon in 90 min" to "First Medical Contact to Balloon in 90 min"	Ms. Kim Lambert American Heart Association, Director Mission Lifeline, Atlanta, USA	
1750-1810 hrs	Emergency Preparedness, Response & Prevention	Dr Sohail M. Ahmad Managing Director, Ahmad Medix, Lahore, Pakistan	
1810-1830 hrs	Better Emergency Care through Enlightened Citizens and Community Empowerment	Dr Vijay Gautam Head, Emergency Services, Ashford & St Peter's Hospital, Surrey; Associate Dean, PG Medical Education, London Deanery, University of London, and President, St John's Ambulance (Edmonton), UK	

Session-XIV: Capacity Building & Quality Assurance in EMSS

SESSION CHAIRS

Dr Tamarish Kole Course Director, Emergency Medicine Program Institute of Trauma and Emergency Services Max Healthcare, New Delhi, India		Dr Peter Taillac Medical Director, Emergency Medical Services and Preparedness, Utah Department of Health, State of Utah, USA	
1840-1900 hrs	Education and Training in EMS	Dr Jeffrey Smith Director, Ronald Reagan Institute of Emergency Medicine, George Washington University Medical Center, USA	
1900-1920 hrs	Quality and Patient's Safety in Emergency Department	Dr Rajesh Gupta Emergency Medicine Physician & Quality Control in ED Specialist, Mount Kisco, New York, USA	

1930 hrs onwards	Gala Dinner (Venue: Community Centre Lawns, AIIMS)
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Saturday, 11th February 2012

Venue: Jawaharlal Auditorium, AIIMS

Session-XV: Telemedicine & IT in EMS

SESSION CHAIRS

Dr Talat Halim Director of Emergency & Trauma Services, Max Hospitals, New Delhi, India		Dr Ompe Aimé Mudimu Project Manager, Institute of Rescue Engineering & Civil Protection, Cologne University of Applied Sciences, Köln, Germany	
0900-0915 hrs	ICT In Emergency Care	Mr Vino Ramayah Executive Chairman and Chief Executive Officer Medtech Global Ltd., New Zealand	
0915-0935 hrs	Telemedicine and Field-triage of Patients with STEMI for	Dr Christian Juhl Terkelsen	

	Primary PCI: Impact on Outcome	<i>Associate Professor of Cardiovascular Medicine at Dept of Cardiology, Aarhus University Hospital, Denmark</i>
0935-0955 hrs	Use of IT in Dubai Emergency Medical Services	Dr Omar Al Sakaf <i>Technical Director & Head, Medical Committee, Dubai Centre for Ambulance Services (DCAS), Dubai, UAE</i>
Session-XVI: Telemedicine & IT in EMS		
SESSION CHAIRS		
Dr Gado Tshering Former Secretary, Health Govt. of Bhutan, Thimpu, Bhutan		Mr Jerry Overton Chair, International Academies of Emergency Dispatch Salt Lake City, USA
1005-1015 hrs	EMS Dispatch and Command Systems	Mr Jean-François Rousseau <i>President, Emergencies & Member, Quebec Order of Engineers, Canada</i>
1015-1035 hrs	EMS Communications Centers – The Success Story of Charleston County’s Consolidated Dispatch Center	Mr Don Lundy <i>EMS Director, Charleston County EMS & President Elect – NAEMT, USA</i>
1035-1055 hrs	Telemedicine in Emergency Care	Dr Raed Arafat <i>Deputy Health Minister, Ministry of Health, Romania</i>
Session-XVII: Ambulance Design		
SESSION CHAIRS		
Shri Nitin R Gokarn, IAS Joint Secretary, Ministry of Transport & Highways Govt. of India, New Delhi, India		Dr Omar Al Sakaf Technical Director & Head, Medical Committee, Dubai Centre for Ambulance Services (DCAS), Dubai, UAE
1120-1140 hrs	Safety in Ambulance Design – It’s no accident	Mr Don Lundy <i>EMS Director, Charleston County EMS & President Elect – NAEMT, USA</i>
1140-1200 hrs	R&D in Ambulance Design in India: Past, Present & Future – A Case Study	Dr Angel Rajan Singh <i>Senior Resident Administrator, AIIMS, New Delhi, India</i>
1200-1220 hrs	Ambulance Design & Fleet Management: An Overview	Mr David J Brophy <i>Managing Director, Kinetic Ambulanz Mobile & Commercial Banker, UK</i>
Session-XVIII: Ambulance Design		
SESSION CHAIRS		
Dr Shakti Kumar Gupta Head, Department of Hospital Administration & Medical Superintendent, Dr. RP Centre & JPNA Trauma Centre AIIMS, New Delhi, India		Dr Mark Forrest Medical Director, Cheshire Fire & Rescue Service and Consultant in Anaesthetics & Critical Care, UK
1230-1250 hrs	Need for Standardization of Specifications for Ambulances	Mr Nandkumar J. Khandare <i>Vice president Engineering, Product Development, Mahindra Navistar Automotive Ltd, Mumbai, India</i>
1250-1310 hrs	Challenges in Developing a Quality Ambulance in India	Mr Nitin Seth <i>Executive Director, Light Vehicles Division, Ashok Leyland, Chennai, India</i>
1310-1330 hrs	Current Status of Ambulances on Indian Roads	Mr Abani Tripathy <i>Director, Aeon RKB Motors, Indore, India</i>
1340-1430 hrs	Lunch (Venue: Swimming Pool Lawns, AIIMS)	
Session-XIX: Aero-Medical Rescue - An Overview		
SESSION CHAIRS		
Dr NPS Chawla Medical Director, East West Rescue, New Delhi, India		Prof Alex Lechleuthner Medical Director, EMS Köln & Professor, Institute of Rescue Engineering, University of Applied Sciences, Köln, Germany
1430-1450 hrs	40 Years HEMS Ulm / Germany ... Inside the Worldwide	Lt. Col. Dr Gerd Kremers

	Oldest Civil-Military HEMS	<i>Department of Anaesthesia, Intensive Care and Emergency Medicine, Federal Armed Forces Medical Centre, Ulm, Germany</i>
1450-1510 hrs	Helicopter Emergency Medical Services : An Overview	Mr Michael Rudolph <i>Director, Business Development, Eurocopter, Germany</i>
1510-1530 hrs	Designing Helicopter Interiors for Use as Air Ambulances	Mr Johannes Gebert <i>Product Management, Sales, Air Ambulance Technology, Ranshofen, Austria</i>
Session-XX: MCI & Disaster Management		
SESSION CHAIRS		
Maj Gen (Dr) JK Bansal, VSM, Chikitsa Ratan Member National Disaster Management Authority, Govt. of India, New Delhi, India		Dr W Selvamurthy Chief Controller R&D for Life Sciences & International Cooperation, Defence Research & Development Organisation Ministry of Defence, Govt. of India, New Delhi, India
1555-1610 hrs	Medical Preparedness for CBRN Emergencies in India	Maj Gen (Dr) J.K. Bansal <i>Member, National Disaster Management Authority, Govt. of India, New Delhi, India</i>
1610-1625 hrs	Role of DRDO in CBRN Defence & Preparedness	Dr W. Selvamurthy <i>Chief Controller R&D for Life Sciences and International Cooperation Defence Research & Development Organisation, Govt. of India, India</i>
1625-1645 hrs	German Concepts in Incident (MCI; CBRN, Disaster) Management	Prof Alex Lechleuthner <i>Medical Director, EMS Köln & Professor, Institute of Rescue Engineering, University of Applied Sciences, Köln, Germany</i>
1645-1705 hrs	Training for an Enhanced Ambulance Service CBRN Response Hazardous Area Response Teams	Mr David Bull <i>NARU Education & Command Training Lead, Defence Chemical, Biological, Radiological and Nuclear Centre, Ministry of Defence, UK</i>
1705-1720 hrs	Emergency Medical Response for Fukushima Nuclear Power Plant Accident	Prof Tetsuya Sakamoto <i>Chairman, Department of Emergency Medicine, Director, Trauma and Resuscitation Center, Teikyo University School of Medicine, Teikyo, Japan</i>
1730 hrs onwards	Valedictory (By Dr. C P Joshi - Hon'ble Union Minister for Road Transport & Highways, Govt. of India & Dr. Poonam Khetrapal Singh , Deputy Regional Director, WHO-SEARO)	