

تحت رعاية / الفريق سمو الشيخ سيف بن زايد ال نهيان - نائب رئيس مجلس الوزراء - وزير الداخلية
Under the Patronage of His Highness
Lieutenant General Sheikh Saif Bin Zayed Al Nahyan United Arab Emirates Deputy Prime Minister and Minister of Interior

المؤتمر الدولي الأول لحوادث الطرق (الأسباب - التحديات - الحلول)

1st International Road Traffic Accident Conference Causes, Challenges and Countermeasures (3Cs)



UNITED ARAB EMIRATES
MINISTRY OF INTERIOR

10th -11th March, 2014
Rose Wood Hotel, Abu Dhabi - UAE

11-10 مارس 2014
فندق روز وود - أبو ظبي - الإمارات



أسبوع المرور الخليجي الموحد 2014
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YOUR SAFETY IS OUR AIM



The 1st International Road Traffic Accidents Conference is split into two tracks.

Track "A"
Traffic Engineering and
Road Safety Perspectives

Track "B"
Medical Perspectives



1st International Road Traffic Accident Conference

Causes, Challenges and Countermeasures (3Cs)

WELCOME NOTE

Dear Colleagues,

On behalf of the Organizing Committee it is our pleasure to welcome you to the **1st International Road Traffic Accident Conference** that is planned to be held at **Rose Wood Hotel, Abu Dhabi on 10th-11th March, 2014**

Road traffic injuries remain a global public health problem. Road accidents cause human tragedies every minute of every day. Nearly 3,400 people die on the world's roads every day. Tens of millions of people are severely injured or disabled every year. Children, pedestrians, cyclists and the elderly are among the most vulnerable of road users.

While many countries addressing the issue of road fatalities and serious injuries caused by road accidents, road safety still remains a challenging problem across the region and throughout the world. The conference aims to raise the profile of the preventability of road traffic injuries and promote good practices in order to achieve safe roads, safe speeds, safe vehicles, and safe people.

This worthwhile event will bring together an effective mix of practitioners, leaders, and researchers in road traffic accidents with a focus on understanding the problem and evidence-based, practical, deliverable outcomes which can be adopted in many circumstances. The list of keynote speakers demonstrates the commitment to bringing together global leaders, internationally recognised researchers, and demonstrably successful practitioners.

The conference is an important forum to inspire and connect leaders, decision makers, Health professionals, public servants, academics and advocates, bringing International keynote speakers and participants to seek, develop, and exchange views on what works to prevent road traffic accidents and how best to bring it to fruition in policy and practice for government and the private sector

We encourage professionals, government agencies, leading academics and practitioners from the UAE and the region to attend, debate and discuss the issues and challenges faced by decision makers and communities.

We hope the conference will provide an invaluable opportunity for like-minded professionals to discuss new approaches, technological developments and raise awareness – helping to meet the road safety challenges.

We hope you enjoy this conference and take away many valuable learning experiences.



Dr. Shamsheer V.P
Managing Director, LLH Hospital Group,
Abu Dhabi -UAE



Brig Eng. Hussein Ahmed Al Harthi
Director of Traffic & Patrols Directorate,
Abu Dhabi -UAE

ORGANIZING COMMITTEE

- **Dr. M. Ezzat Agamy**,
*Chair Organizing Committee,
Hospitals Group COO, LLH Group*
- **Dr. Atef Garib, PhD**
*Roads and Traffic Expert
Abu Dhabi Police, UAE*
- **Dr. Charles Stanford**,
CEO Burjeel Hospital, LLH Group
- **Colonel / Khalifa Al-Khaleli**,
*Head of Traffic Engineering and Roads Safety department,
Abu Dhabi Police –UAE.*
- **Colonel / Ahmed Al-Shehi**,
*Head of customer service center,
Abu Dhabi Police –UAE.*
- **Lt.Colonel/ Gamal Al Amrei**,
*Head of Public Relations,
Abu Dhabi Police, UAE*
- **Lt.Colonel/ Ahmed Al zudi**,
*Head of the Severe Accidents investigation department,
Abu Dhabi Police, UAE*
- **Mr. Antoine El Achkar**
*General Manager, LLH Group
Abu Dhabi, UAE*
- **Mr. Khaled Afify**,
General Manager, Mena Conference
- **Mr. Safeer Ahamed**,
*Hospital Administrator, LLH Hospital,
LLH Group*
- **Mr. Pandiyan Kaye**,
*Head of Materials Department,
LLH Group*
- **Ms. SuhailaJawhar**,
*Deputy Marketing Manager, LLH Hospital,
LLH Group*
- **Ms. Dana Al Alami**,
*Head of Pharmacy, LLH Hospital,
LLH Group*
- **Mr. Shijoth CV**
*Project Manager/Senior BME Engineer
LLH Group*
- **Ms. Suad Al Sarkal**
*Manager - Publicity and Sponsorship -
Strategic Communications, Abu Dhabi Media*

SCIENTIFIC COMMITTEE

- **Dr. M. Ezzat Agamy**
*Hospitals Group Chief Operation Officer
(COO), LLH Group*
- **Dr. Charles Stanford**
*Chief Executive Officer, Burjeel Hospital,
LLH Group*
- **Dr. Yassin El Shahat**
Chief Medical Officer, Burjeel Hospital
- **Dr. Hany Hassan, PhD**
*Consultant of Transportation Engineering,
Crisp Consultancy, Traffic Engineering and Road Safety
Department, Abu Dhabi Police - UAE*
- **Prof. Fikri Abu-Zidan**
*Department of Surgery
College of Medicine and Health Sciences
UAE University, Al-Ain, UAE*
- **Dr. Mohamed Ali Karkoukli**
*Corporate Emergency Preparedness Manager
Abu Dhabi Health Services Company
(SEHA)*

- **Dr. Lalu Chacko**
Chief Medical Officer, LLH Hospital
- **Dr. Ayman Fahim**
*Orthopaedic Surgeon
Medical Services Admin of AD Police G.H.Q.
Abu Dhabi*
- **Dr. Haris Ansari**
Consultant Anaesthetist, LLH Hospital
- **Dr. Muhammad Wasif Alam**
*Director Public Health and Safety
Department, Health Policy & Strategy Sector
Dubai Health Authority (DHA)*

CONFERENCE OBJECTIVES

- Identify the risk factor associated to the cause of road traffic accidents
- Reduce disabilities for injured people from road traffic accident
- Review new techniques and approaches in dealing with multiple trauma injuries
- Discuss best practices for long term care
- Reduce the human and financial losses from road accidents
- Increase road safety in the UAE
- Identify the new challenges that will come with new, intelligent, technologies, innovation, strategy, trauma and speed reduction initiatives.
- Present current best practice in road safety, particularly in those areas as road safety priorities, directions and trends
- Examine ways in which road and vehicle safety policies are formed
- Examine implementation of a number of actions, based on a “safe system approach”, to achieve Safe Roads, Safe Speeds, Safe Vehicles, and Safe People
- Encourage learners to be aware of road safety issues
- Take ownership of road safety within community
- Alleviate risk of traffic accidents through identifying leading causes of danger.
- Present innovations and best practice techniques of using intelligent transportation systems (ITS) in improving traffic safety.
- Examine aberrant driving behaviors and recent techniques to improve their driving habits/skills.
- Discuss roles of 5Es (Engineering, Emergency, Enforcement, Education and Evaluation) in improving traffic safety.
- Explore new techniques and methodologies to reduce injuries severities and disabilities resulted from road traffic accidents.
- Discuss best practice for long term care of injuries resulted from road accidents.



ACCREDITATION:

Accredited by HAAD for **14.0**
CME Hours

Track "A"

Traffic Engineering and Road Safety Perspectives

TARGET AUDIENCE

The conference is designed for over 400 national and international delegates who are working together to improve safe roads, safe speeds, safe vehicles, and safe people.

- Heads of Police Departments
- Road Planning Engineers
- Road safety Specialists
- Heads of Ambulance Services
- Paramedical Personnel
- Ambulance and Emergency Operators
- Road Engineers
- Accident Data Experts
- Traffic Departments Officials
- Head of Transports
- Public safety and Planning Managers
- Traffic Engineers
- Transportation Risk Managers
- Traffic Directors and Head of police





Track “B” Medical Perspectives

TARGET AUDIENCE

The conference is designed for over 400 national and international delegates who are working together to improve safe roads, safe speeds, safe vehicles, and safe people.

- Doctors
- Emergency Physicians
- Paramedics
- Pharmacists
- Nurses
- Directors, EMS Departments
- Directors, Ambulance Services
- Heads of Ambulance Services
- Emergency Medical Technicians (EMTs)
- Chief Medical Officers

TRAFFIC ENGINEERING AND ROAD SAFETY SPEAKERS



Brig Eng. Hussein Ahmed Al Harthi
Director of Traffic & Patrols Directorate,
Abu Dhabi -UAE



Prof. Essam Radwan,
University of Central Florida,
USA



Prof. Atef Garib
Roads and Traffic expert,
Abu Dhabi Police, UAE



Colonel Dr. Ali Alrashidi
Director of Traffic Safety Dep.,
Saudi Arabia



Prof. Linda Ng Boyle
University of Washington,
USA



Prof. Stijn Daniels
Transportation Research Institute,
Hasselt University,
Belgium



Dr. Yasser Hawas
Director of Transportation and road safety, Al Ain,
Professor at UAE university,
Abu Dhabi, UAE



Dr. Hany Hassan
Crisp Consultancy,
Department of Traffic Engineering and Road Safety
Abu Dhabi Police, UAE



Eng. Majed Abed Alkathiri
Abu Dhabi Municipality,
UAE



Eng. David George,
Al Ain Municipality,
UAE



Mr. Dino Kalivas,
Area Training Director,
Emirates Driving School,
Abu Dhabi, UAE



Prof. Mohamed Abdel-Aty,
University of Central Florida, USA.
Editor of the journal of Accident Analysis and prevention,
USA



Major Eng. / Musallem Al-Junaibi
Head of Traffic Engineering and Roads
Section – Directorate of Traffic and Patrols



Mr. Mohammed Al Otaiba
Editor in Chief of The National,
UAE



Eng. Abdulla Hamad Al Ghaffi
Road and Traffic Engineer,
Traffic and Patrols Directorate,
Abu Dhabi Police, Abu Dhabi, UAE



Prof. Matthew Karlaftis
National Technical University of Athens,
Greece



Eng. Ibrahim Ramel
SAAED for Traffic Systems,
Abu Dhabi, UAE



Christophe NICODEME
Director General of the European Union Road Federation (ERF),
Brussels - Belgium



Prof. Helai Huang
Director of Urban Transport Research Center,
Central South University,
China



Prof. Akmal S. Abdelfatah
American University of Sharjah,
Sharjah-UAE



Brendan Halleman,
International Road Federation,
USA



Dr. Heiko Frohn
CTO, Vitronic Group,
UAE



Eng. Yousef Al Kaabi
Al Ain Municipality,
UAE



Dr. Malek Yamani
Chairman Yam coni UAE/US
UAE



MEDICAL SPEAKERS



Dr. Muhammad Wasif Alam, MD; MSPH (USA)
Director Public Health and Safety Department - Health Policy & Strategy Sector, DHA, Dubai, UAE



Dr. Amin El-Gohary
Consultant Pediatric Surgeon, Burjeel Hospital, Dubai, UAE



Dr. Bahman Ajali
Senior Consultant Department of Orthopedics & Trauma Surgery- Alexianer Krefeld Hospital, Germany



Dr. Ajith George
Head of Remote Area Medical Services ADNOC MSD, Abu Dhabi, UAE



Mr. Dino Kalivas
Area Training Director in Emirates Driving Company, Abu Dhabi, UAE



Mrs. Ann-Kathrin Borchers,
Director of International Patient office, Alexianer Krefeld Hospital, Germany



Dr. Maurizio Belci MRCS, MSc, DMS
Consultant in Spinal Cord Injuries National Spinal Injuries Centre Stoke Mandeville Hospital Mandeville Road, Aylesbury, United Kingdom.



Professor Fikri Abu-Zidan
Chief of Trauma Research Group & Professor of Surgery, College of Medicine and Health Sciences, United Arab Emirates University, UAE.



Dr. Nehad Halawa
ICU Specialist Burjeel Hospital, Abu Dhabi, UAE.



Prof. Safwat A M Salem
Prof. of Surgery Cairo University, Vice Chairman of the Egyptian Society of Surgeons & Head of the Egyptian Trauma Group, Cairo, Egypt.



Prof. Dr. Med Hans Juergen Von Giesen
Alexianer Krefeld Hospital, Germany



Mr. Ahmed Al Hajeri
Head of National Police Ambulance, Abu Dhabi, UAE



Dr. Yousef Abouallaban
Managing Director, American Center for Psychiatry & Neurology, Consultant Psychiatrist, American Board Certified, Abu Dhabi- UAE



Prof. Dr. Ives Hubloue
Director Department of Emergency Medicine, Universitair Ziekenhuis Brussel, Brussels, Belgium



Professor Hanan Hamed,
Professor of Hematology at Cairo University, Cairo, Egypt.



Dr. Mohammed Wasim
ER Specialist, LLH Hospital, Abu Dhabi, UAE



Dr. Soha Samy Abd El Samie El Baz
ER Specialist, Burjeel Hospital, Abu Dhabi, UAE



Dr. Mohammed Karkoukii
Corporate Emergency Preparedness Manager, Corporate Operations Management SEHA, Abu Dhabi, UAE



Dr. Ananda Mohan
Consultant Orthopedic Surgeon, New Castle, UK



Dr. Michal Grivna
Associate Professor Institute of Public Health College of Medicine & Health Sciences UAE University, Al Ain, UAE



Dr. Ayman Fahim,
Consultant Orthopedic Surgeon, Police Medical Services, Abu Dhabi, UAE



Prof. Hesham Mostafa,
Prof. Of Vascular Surgery at Cairo University, Cairo, Egypt



Dr. Michael Oko,
Consultant ENT surgeon & director sleeping disorders center, UK



Dr. Saleh Faris,
Head of Emergency Department Zayed Military Hospital, Abu Dhabi, UAE



Dr. Antoun Saloom
Consultant Neurosurgery – Al Noor Hospital, Abu Dhabi, UAE



Dr. Madhav Rao
Consultant Ophthalmology – Burjeel Hospital, Abu Dhabi, UAE



Professor Sobhy Gharraff
Dental and Maxillo-facial consultant New Jeddah Clinic Hospital Jeddah - KSA



Dr. Biniam Tesfayohannes
Consultant & Chair of Emergency Department Mafraq Ambassador, Mafraq Hospital Abu Dhabi, UAE



Professor Ram Dhillon
Middlesex University, London Rila Institute of Health Sciences, London Consultant Surgeon, North West London, Hospitals NHS Trust, UK



Dr. Anil Misra, Consultant
Department of Anesthesia and Intensive Care Maulana Azad Medical College & Associated Lok Nayak Hospital New Delhi - India



Dr. Mohd. Haris Ansari
Specialist Anesthesia, LLH Hospital, Abu Dhabi, UAE



Dr. Rakesh Kumar, Director Professor
Department of Anesthesia and Intensive Care, Maulana Azad Medical College & Associated Lok Nayak Hospital, New Delhi - India



Dr. Ahmed Baha
ER Specialist, Burjeel Hospital, Abu Dhabi, UAE



TRAFFIC ENGINEERING AND ROAD SAFETY HIGHLIGHTED TOPICS

ENGINEERING

- Road safety plans and strategies.
- Identifying high risk roads
- Black spot analysis and evaluation.
- Designing safer roadsides.
- Safety at work zones.
- Safety management techniques including speed management.
- Road Safety Inspection and Road Safety Audit.
- Improving Highway Safety through advanced Intelligent Transportation Systems.
- Role of cars manufacturing companies in improving traffic safety.

EDUCATION AND AWARENESS

- Preparing the next generation of Transportation engineers and emergency doctors concerned with roadways traffic safety.
- The role of the MINISTRY OF EDUCATION, MINISTRY OF HIGHER EDUCATION, in increasing the awareness of students and youth about traffic safety.
- The role of insurance companies in improving driving behaviors.
- The role of the traditional media and electronic media (i.e., Twitter, Facebook and other social media).
- Best practice educational courses and campaigns for traffic safety.
- Educating investigators of traffic accidents to deal with injuries until the arrival of ambulance cars.

ENFORCEMENT

- Best Practice in enforcement management systems.
- Recent automatic speed enforcement techniques.
- Patrol Car Allocation and Monitoring System.
- Speed Violation Systems.
- Red-Light Violation Systems.
- Emergency / Medical Management
- New techniques and approaches in reducing injuries severities and disabilities resulted from road traffic accidents.
- Emergency evacuation and management.
- Improving response time of safety units (i.e., ambulances).
- Best practice of long term care of injuries persons from traffic accidents.
- Safety management of traffic accident scene.
- Poly Trauma management.

EVALUATION/MONITORING INDICATORS

- Key performance indicators (KPIs) in evaluating proposed countermeasures.
- Recent mathematical and statistical techniques in evaluating countermeasures.
- Proposing research and studies.
- Updating plans and strategies based on 5Es

INTEGRATION BETWEEN 5ES

- Strategies and plans to integrate between 5Es (Engineering, Emergency, Enforcement, Education and Evaluation).
- Promote cooperation between the private and public sectors to develop a sustainable strategy of traffic safety.
- Improve cooperation between health care authorities and traffic police departments.



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One Team One Goal
Your Safety



MEDICAL HIGHLIGHTED TOPICS

- Road Crashes: A Human Rights Approach.
- Driver's Safety
- Emergency Evacuation & Management.
- Hemostatic Failure in Poly-traumatized patients
- Acute and sub-acute management of spinal cord injured patients
- Promoting trauma research in UAE: Lessons learned.
- Best Practices of Long Term Care of Injured Person.
- Damage Control in Trauma
- Ambulance service: where we are and what we want to be
- Role of Triage in RTA, past, present and Future
- Management Of Pelvic Fracture
- Pediatric road traffic collisions in UAE.
- Child Safety Car Seat
- Proper position while driving
- Vascular Limb Injuries
- How to Practically Reduce Road Fatalities by 50%: The Lincolnshire Experience
- Experience on building a Trauma System in the Emirate of Abu Dhabi
- A Brief Review of the Mechanisms And Prevention of Brain and Spine Injuries Caused by Road Traffic Accidents
- Traumatic Injuries of the eye
- Initial Assessment and Management of Head and Neck Traumatav



WORKSHOPS

Day 1 (Monday, March 10th, 2014)

17:30 – 19:30 WORKSHOP (A)

AIRWAY WORKSHOP

Dr. Anil Misra, Consultant
Dr. Rakesh Kumar, Director Professor
Dr. Mohd. Haris Ansari,

17:30 – 19:30 WORKSHOP (B)

POLY-TRAUMA WORKSHOP

Dr. Ananda Mohan,
Dr. Mohammed Wasim;
Dr. Ahmed Baha;
Dr. Soha Samy AlBaz;



TRAFFIC ENGINEERING AND ROAD SAFETY PROGRAM Track "A"

Day 1

Monday, March 10th, 2014

08:00 – 09:00 **Registration**

General Session

09:00 – 09:05 **Holly Qur'an**

09:05 – 09:10 **Welcome Address & Introduction**
Major General: Ahmed Naser Alresy,
Abu Dhabi Police, UAE

09:10 – 09:15 **Welcome Address & Introduction**
Dr. Shamsheer V P
Managing Director VPS group

09:15 – 09:45 **Key Note Speech:**
Mortality from road crashes in 193 countries: A comparison with other leading causes of death
Prof. Essam Radwan,
Executive director of the center for advanced transportation systems simulations (CATSS),
University of central Florida, USA

9:45 – 10:00 **Coffee Break**

Session One: Traffic safety strategies/plans

Session Chairman:

Prof. Mohamed Abdel-Aty

Chairman assistant:

Dr. Hany Hassan / Eng. Abdallah Al Ghaffi

10:00 – 12:00 **Transportation Safety Planning: State of the Art and Practice**

Prof. Helai Huang,
Director of Urban Transport Research Center,
Central South University, China

Abu Dhabi experience in improving Traffic Safety: Current situation and future plans

Prof. Atef Garib
Roads and Traffic expert,
Abu Dhabi Police, UAE

The European Road Safety Action Programmes: The role of the infrastructure

Mr. Christophe NICODEME
Director General of the European Union
Road Federation (ERF) – Belgium

An overview of the global road safety context

Mr. Brendan Halleman,
International Road Federation, USA

12:00– 13:00 **Prayer & Lunch Break**

Session Two: Human Factors / Drivers' behavior

Session Chairman:

Eng. Eisa Al-Mazroai, Abu Dhabi Municipality, UAE

Chairman assistant:

Dr. Hany Hassan / Eng. Abdallah Al Ghaffi

13:00 – 15:00 **Using naturalistic and driving simulator studies to examine driver behavior**
Prof. Linda Ng Boyle
University of Washington, USA

Negative Drivers' Behavior in the UAE

Prof. Yasser Hawas,
Professor at UAE university.
Director of Transportation and road safety,
Al Ain, UAE

Psychological Analysis of Traffic Accidents in the Middle East

Dr. Malek Yamani,
Chairman Yam coni UAE/US

Road to Safety: the Role of media in road safety awareness

Mr. Mohammed Al Otaiba - Editor and Chief
of The National, UAE

15:00 – 15:15 **Coffee Break**

Session Three: Speed Management and countermeasure to improve traffic safety

Session Chairman:

Prof. Linda Ng Boyle

Chairman assistant:

Dr. Hany Hassan / Eng. Abdallah Al Ghaffi

15:15 – 17:15 **Effects of automated highway speed enforcement: average versus instantaneous speed measurements**

Prof. Stijn Daniels,
Transportation Research Institute,
Hasselt University, Belgium

Towards improved traffic safety in UAE

Prof. Akmal S. Abdelfatah,
The American University of Sharjah, UAE

Safer Roads For Everyone

Eng. Majed Abed Alkathiri
Abu Dhabi municipality, UAE

The need to use traffic safety technologies in Abu Dhabi Highway

Major Eng. / Musallem Al-Junaibi
Head of Traffic Engineering and Roads
Section – Directorate of Traffic and Patrols

17:15 **End of First Day**

MEDICAL PERSPECTIVES SCIENTIFIC PROGRAM Track "B"

Day 1

Monday, March 10th, 2014

08:30 – 09:00 Registration

General Session

09:00 – 09:05 Holly Qur'an

09:05 – 09:10 Welcome address
Major General: Ahmed Naser Alresy,
Abu Dhabi Police, UAE

09:10 – 09:15 Welcome speech
Dr. Shamsheer V P
Managing Director VPS group

09:15 – 09:45 Key Note Speech:
Mortality from road crashes in 193
countries: A comparison with other leading
causes of death
Prof. Essam Radwan,
Executive director of the center for advanced
transportation systems simulations (CATSS),
University of central Florida, USA

09:45 – 10:00 Coffee Break

Session One

Session Chairman: Dr. Ayman Fahim - Consultant orthopedic
Surgeon Police Medical Services

10:00 – 10:25 Ambulance service: where we are and
what we want to be
Mr. Ahmed Al Hajeri
Head of National Police Ambulance,
Abu Dhabi, UAE

10:25 – 10:50 Importance of uniform medical data
reporting in road traffic accident victims
Prof. Dr. Ives Hubloue
Director Department of Emergency Medicine,
Universitair Ziekenhuis Brussel, Brussels,
Belgium

10:50– 11:15 Structure of emergency medical care in
road traffic accidents in Germany
Dr. Bahman Ajali
Senior consultant Department of Orthopedics &
Trauma Surgery- Alexianer Krefeld Hospital,
Germany

11:15 – 11:40 Emergency Evacuation & Management.
Dr. Ajith George
Consultant Medical Emergency and Disaster
Preparedness - Major Incident Medical
Management and CBRNE Response Planning.

11:40 – 12:00 Panel Discussion

12:00 – 13:00 Prayer & Lunch Break

Session Two

Session Chairman: Dr. Hans Fuchs – Consultant orthopedic
Surgeon Burjeel Hospital

13:00 – 13:25 Management Of Pelvic Fracture
Dr. Ananda Mohan,
Consultant Orthopedic Surgeon, New Castle, UK

13:25– 13:50 Initial Assessment and Management of
Head and Neck Trauma
Professor Sobhy Gharrap,
Dental and Maxillo-facial consultant
New Jeddah Clinic Hospital – Jeddah - KSA

13:50 – 14:15 Neuropsychiatric Aspects of Road Traffic
Accidents: focus on Traumatic Brain Injury
Dr. Yousef Abou Allaban
Managing Director, Psychiatry Consultant,
American Board Certified in Psychiatry American

Center for Psychiatry and Neurology

14:15 – 14:40 Acute and sub-acute management of
spinal cord injured patients
Dr Maurizio Belci MRCS, MSc, DMS
Consultant in Spinal Cord Injuries
National Spinal Injuries Centre
Stoke Mandeville Hospital
Mandeville Road, Aylesbury, United Kingdom.

14:40 – 15:00 Panel Discussion

15:00 – 15:15 Coffee Break

Session Three

Session Chairman: Dr. Lalu Chacko, Specialist Anesthesia, LLH
Hospital Abu Dhabi

15:15 – 15:40 Driver's Safety
Dr. Muhammad Wasif Alam, MD; MSPH (USA)
Director Public Health and Safety Department -
Health Policy & Strategy Sector , DHA, Dubai,
UAE

15:40– 16:05 Proper position while driving
Dr. Ayman Fahim,
Consultant Orthopedic, Police Medical Services,
Abu Dhabi, UAE

16:05 – 16:30 Best Practices of Long Term Care of
Injured Person.
Dr. Nehad Halawa
ICU Specialist Burjeel Hospital, Abu Dhabi, UAE.

16:30 – 16:55 Importance of managing trauma patients
and their relatives – travelling abroad for
rehabilitation
Mrs. Ann-Kathrin Borchers,
Director of International Patients office,
Alexianer Krefeld Hospital, Germany

16:55 – 17:15 Panel Discussion

17:15 End of First Day

MEDICAL WORKSHOPS

Day 1 (Monday, March 10th, 2014)

17:30 – 19:30 WORKSHOP (A)

AIRWAY WORKSHOP

Dr. Anil Misra, Consultant

Department of Anesthesia and Intensive Care
Maulana Azad Medical College & Associated Lok Nayak Hospital
Bahadur Shah Zafar Marg, New Delhi - India

Dr. Rakesh Kumar, Director Professor

Department of Anesthesia and Intensive Care, Maulana Azad
Medical College & Associated Lok Nayak Hospital, Bahadur
Shah Zafar Marg, New Delhi - India

Dr. Mohd. Haris Ansari,

Specialist Anesthesia, LLH Hospital, Abu Dhabi, UAE

17:30 – 19:30 WORKSHOP (B)

POLY-TRAUMA WORKSHOP

1. Intra-osseous emergency vascular access

Dr. Ananda Mohan,
Consultant Orthopedic Surgeon, New Castle, UK

2. Emergency management of pelvic fractures. Application of
SAM Sling and emergency ex fix

Dr. Mohammed Wasim;
ER Specialist, LLH Hospital, Abu Dhabi, UAE

3. Management of life threatening chest trauma to include
needle thoracocentesis and tube thoracostomy

Dr. Ahmed Baha;
ER Specialist, Burjeel Hospital, Abu Dhabi, UAE

4. Transportation.

Dr. Soha Samy AlBaz;
ER Specialist, Burjeel Hospital, Abu Dhabi, UAE

TRAFFIC ENGINEERING AND ROAD SAFETY PROGRAM Track "A"

Day 2

Tuesday, March 11th, 2014

07:30 – 8:30 Registration

General Session

Session Chairman: Dr. Yassin El- Shahat – CMO, Consultant Nephrologist Burjeel Hospital

08:30 – 09:00 **Key Note Speech:**
The Viability of Proactive Traffic Management Using Big Data Safety Analytics
Prof. Mohamed Abdel-Aty,
Chair of Civil, Env. & Construction Engineering Dept., University of Central Florida, USA.

09:00 – 09:30 **Key Note Speech:**
Promoting trauma research in UAE: Lessons learned.
Professor Fikri Abu-Zidan
Chief of Trauma Research Group & Professor of Surgery, College of Medicine and Health Sciences, United Arab Emirates University, UAE.

09:30 – 09:50 Coffee Break

Session Four: Road Safety Data

Session Chairman:

Prof. Essam Radwan,

Chairman assistant:

Dr. Mohamed Sarhan / Dr. Mohamed Shawky

9:50 – 11:50 **Road Safety Data Analysis: Conflicting Objectives and Modeling Implications**
Prof. Matthew Karlaftis,
National Technical University of Athens, Greece

Integrated framework for property damage only crashes data management

Eng. Ibrahim Ramel
SAAED for Traffic Systems, Abu Dhabi, UAE

Collision investigation and prevention schemes in Al Ain

Eng. David George,
Al Ain Municipality, UAE

Effect of Signal Phase Sequences on Signalized Intersection Safety Performance Case Study from Abu Dhabi, U.A.E

Eng. Abdulla Hamad Al Ghaffi
Road and Traffic Engineer,
Traffic and Patrols Directorate,
Abu Dhabi Police

11:50 – 13:00 Prayer & Lunch Break

Session Five: Safety and operational traffic issues

Session Chairman:

Prof. Matthew Karlaftis,

Chairman assistant:

Dr. Mohamed Sarhan / Dr. Mohamed Shawky

13:00 – 15:00 **Flashing Yellow Arrow: a new left turn treatment to improve traffic safety at signalized intersections.**
Prof. Essam Radwan,
University of central Florida, USA

Common Road Safety Audit issues in Al Ain
Eng. Yousef Al Kaabi,
Al Ain Municipality, UAE

Cell Phones and its impact on traffic Safety

Dr. Ali Alrashidi

Director of Traffic Safety Dep., Saudi Arabia

Some Building blocks for improving road safety

Dr. Heiko Frohn,

CTO, Vitronic Group, UAE

15:00 – 15:15 Coffee Break

Session Six: Best practice in improving traffic safety (Panel Discussion)

Session Moderator:

Dr. Atef Garib

Chairman assistant:

Dr. Mohamed Sarhan / Dr. Mohamed Shawky

15:15 – 16:00 Panel Discussion 1 (Best Practice in improving traffic safety)

Prof. Essam Radwan,
Prof. Mohamed Abdel-Aty,
Prof. Matthew Karlaftis,
Mr. Christophe NICODEME

16:05 – 16:50 Panel Discussion 2 (Best Practice in improving traffic safety)

Prof. Linda Ng Boyle
Prof. Helai Huang,
Prof. Stijn Daniels,
Mr. Brendan Halleman,

16:50 – 17:00 Coffee Break

17:00 – 17:30 Recommendations – Closing Ceremony & End of conference

MEDICAL PERSPECTIVES SCIENTIFIC PROGRAM **Track "B"**

Day 2

Tuesday, March 11th, 2014

07:30 – 08:30 Registration

General Session

Session Chairman: Dr. Yassin El- Shahat – CMO, Consultant Nephrologist Burjeel Hospital

08:30 – 09:00 State-Of-The-Art: The Viability of Proactive Traffic Management Using Big Data Safety Analytics

Prof. Mohamed Abdel-Aty,
Chair of Civil, Env. & Construction Engineering Dept., University of Central Florida, USA,
Editor of the journal of Accident Analysis and Prevention

09:00 – 09:30 Key Note Speech: Promoting trauma research in UAE: Lessons learned.

Professor Fikri Abu-Zidan
Chief of Trauma Research Group & Professor of Surgery, College of Medicine and Health Sciences, United Arab Emirates University, UAE.

09:30 – 09:50 Coffee Break

Session Four

Session Chairman:

Dr. Ammar Al But, Consultant orthopedic Surgeon Burjeel Hospital

09:50 – 10:15 Pediatric Trauma in RTA

Dr. Amin Gohary
Consultant & head of Pediatric Surgery – Burjeel Hospital, Abu Dhabi, UAE

10:15 – 10:40 Role of Triage in RTA, past, present and Future

Dr. Mohammed Karkoukli
Corporate Emergency Preparedness Manager, Corporate Operations Management SEHA, Abu Dhabi, UAE

10:40 – 11:05 Experience on building a Trauma System in the Emirate of Abu Dhabi

Dr. Saleh Faris,
Head of Emergency Department
Zayed Military Hospital, Abu Dhabi, UAE

11:05 – 11:30 Pediatric road traffic collisions in UAE.

Dr. Michal Grivna
Consultant in Community Medicine, Tawam Hospital, and Associate Professor, Department of Community Medicine, Faculty of Medicine and Health Sciences, UAE University, Al Ain, UAE

11:30 – 11:50 Panel Discussion

11:50 – 13:00 Prayer & Lunch Break

Session Five

Session Chairman:

Amin Gohary – Consultant Pediatric Surgery Burjeel Hospital

13:00 – 13:25 Vascular Limb Injuries

Prof. Hesham Mostafa,
Prof. Of Vascular Surgery at Cairo University, Cairo, Egypt

13:25 – 13:50 Coagulopathy in trauma patients
Professor Hanan Hamed,
Professor of Hematology at Cairo University, Cairo, Egypt.

13:50 – 14:15 Damage Control in Trauma
Prof. Safwat A M Salem.
Prof. of Surgery Cairo University.
Vice Chairman of the Egyptian Society of Surgeons & Head of the Egyptian Trauma Group, Cairo, Egypt.

14:15 – 14:40 How to Practically Reduce Road Fatalities by 50%: The Lincolnshire Experience

Dr. Michael Oko,
Consultant ENT Surgeon &
Director sleeping disorders center, UK

14:40 – 15:00 Panel Discussion

15:00 – 15:15 Coffee Break

Session Six

Session Chairman: Dr. Mohamed Siam, Consultant General Surgery, Zayed Military Hospital, Abu Dhabi

15:15 – 15:40 A Brief Review of the Mechanisms And Prevention of Brain and Spine Injuries Caused by Road Traffic Accidents

Dr. Antoun Saloom
Consultant Neurosurgery – Extere Medical CenterI, Abu Dhabi, UAE

15:40 – 16:05 Traumatic Injuries of the eye

Dr. Madhav Rao
Consultant Ophthalmology – Burjeel Hospital, Abu Dhabi, UAE

16:05 – 16:30 Common, medically treatable, and often missed cause of Road Traffic Accidents

Professor Ram Dhillon
Middlesex University, London
Rila Institute of Health Sciences, London
Consultant Surgeon, North West London Hospitals NHS Trust, UK

16:30 – 16:50 Panel Discussion

16:50 – 17:00 Coffee Break

17:00 – 17:30 Recommendations – Closing Ceremony & End of Second Day

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