

# The 1<sup>st</sup> Global Network Conference on Emergency Medicine

Dubai International Convention and Exhibition Centre, Dubai, UAE

13 – 17 January 2012



## CME Hours

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# The 1<sup>st</sup> Global Network Conference on Emergency Medicine

Dubai International Convention and Exhibition Centre, Dubai, UAE

13 – 17 January 2012

Dear Friends,

It is with great pleasure that I announce the upcoming 1<sup>st</sup> Global Network Conference on Emergency Medicine and Workshops to be held from the 13<sup>th</sup> to the 17<sup>th</sup> January 2012 at the Dubai International Convention and Exhibition Centre, United Arab Emirates. This conference is the first of what is hoped to be an annual event in the region and is supported by the European Society for Emergency Medicine (EuSEM) with international and regional societies and associations.

This first conference aims to promote the specialty of Emergency Medicine and will offer a wonderful opportunity for academic/scientific exchange. With an invited faculty of world-class speakers, researchers and educators who will give outstanding lectures, discuss clinical cases and moderate discussion, this conference is a must attend event.

This conference will target all medical professionals who deal with the complex nature of Emergency Medicine; those engaged in pre-hospital, in-hospital or inter-hospital emergency medical care and disaster planning; and those involved with the training of emergency physicians, nurses and technicians.

I look forward to welcoming you to what promises to be the most exciting event of its kind to be held in the region.

Kindest regards



Prof. Abdelouahab Bellou  
Conference Chairman  
President of EuSEM

## Committee

**President:** Professor Abdelouahab Bellou

**Co President:** Dr Salah Fares

### Organising committee:

**Chairs:**

Hussein Al Rahma  
Abdo Khoury

**Members:**

Terry Mulligan  
Bob Corder  
Khalid Johani  
Mahmood Ghunaim  
Gamal Abbas  
Nellie Suri Boma  
Basar Cander  
Mohamed Al Asfoor  
Nagi Souaiby  
Ahmed Sbihi  
Murray Van Dyke  
Mohamed Al Shinawi  
Ron Abu Hassan  
Jamal Saadah

### Scientific committee

**Chairs:**

Nadeem Qureshi  
Semir Nouria

**Members:**

Nathalie Flacke  
Eric Revue  
Fikri Abu Zidan  
Mohamed Mouhaoui  
Tomislav Petrovic  
Ismaël HSSAIN  
Karim Benmiloud  
Alan Jones  
Francesco Moya  
Mareet Castreen  
Carlo Locatelli  
Moin Fikri  
Osama Kentab  
Phil Anderson  
Steve Photiou  
Peter Cameron

Marc Sabbe  
Philip Levy  
Mike Puskarish  
Fernando Schiraldi  
Colin Graham  
Patrick Plaisance  
Said Laribi  
Hichem Nejmi  
Khalid Abu Haimed  
Roberta Petrino  
Arif Alper Cevik  
Said Hachimi  
Hezii Waisman  
Daryl Macias  
Bruno Megarbane

## Learning Objectives

The overall objective is the advancement of Emergency Medicine Care and Education in the Middle East and North Africa (MENA) region. Other objectives include:

- Promoting the specialty of Emergency Medicine (EM) within the MENA region both as a recognized academic discipline and a primary specialty
- Promoting and developing research in Emergency Medicine in the MENA region
- Developing co-operation and logistic needs in terms of EM education, EM care, EM Departments and Pre-Hospital Emergency Care
- Reviewing the general principles of treating and managing common emergencies such as resuscitation, cardiovascular, sepsis, respiratory, metabolic, pediatrics, trauma, disaster.
- Helping all professionals involved in Emergency Medicine exchange ideas with regional and international peers
- Learning the principles of Ultrasound use in pre-hospital and in emergency department settings.

## Schedule At A Glance

### Pre-Conference Workshops

#### Friday, 13<sup>th</sup> January 2012

Room 1	Room 2	Room 3	Room 4
<b>Ultrasound</b> Course Director: Dr. Tomislav Petrovic	<b>Simulation</b> Course Director: Dr. Ismaël HSSAIN Co-Directors: Nagi Souaiby, Karim Benmiloud	<b>Pediatric Emergency</b> Course Director: Prof. H. Waisman	<b>Metabolic</b> Course Director: Dr. Fernando Schiraldi

#### Saturday, 14<sup>th</sup> January 2012

Room 1	Room 2	Room 3	Room 4	Room 5
<b>Ultrasound</b> Course Director: Dr. Tomislav Petrovic	<b>Simulation</b> Course Director: Dr. Ismaël HSSAIN Co-Directors: Nagi Souaiby, Karim Benmiloud	<b>Pediatric Emergency</b> Course Director: Prof. H. Waisman	<b>Administration</b> Course Director: Dr. Philip Anderson	<b>Disaster Medicine</b> Course Director: Dr. Steve Photiou

### Main Conference

#### Sunday, 15<sup>th</sup> January 2012

	TRACK 1	TRACK 2	TRACK 3
09:00 - 13:00	Intensive Care	Administration	Cardiovascular
14:00 - 18:00	Ultrasound	Administration	Disaster Medicine

#### Monday, 16<sup>th</sup> January 2012

	TRACK 1	TRACK 2	TRACK 3
09:00 - 13:00	Intensive Care	Administration	Cardiovascular
14:00 - 18:00	International	Pediatric	Residents Session

#### Tuesday, 17<sup>th</sup> January 2012

	TRACK 1	TRACK 2	TRACK 3
09:00 - 13:00	Toxicology	Sepsis	Education
14:00 - 18:00	Q & A Session		Education

#### Exhibition 15<sup>th</sup> - 17<sup>th</sup> January 2012

Registration for Workshops and Conferences entitles you **free access** to the Exhibition.

## Registration Fees On-line Registration Closes 7<sup>th</sup> January 2012

Pre-Conference Workshops 13 - 14 January 2012	On-line Rate		On-site Rate	
	US\$	AED	US\$	AED
Empowering Life Support Protocols with ABCDE UltraSound Resuscitation	295	1,080	375	1,375
Simulation Learning in Emergency Medicine	395	1,450	475	1,740
Advanced Paediatric Emergency Care (APEC)	295	1,080	375	1,375
Metabolism: Acid-base, O <sub>2</sub> , fluids and electrolyte disorders interpretation	165	605	250	915
Emergency Department Administration	195	715	235	860
Disaster Medicine: Improvised Explosive Devices	250	915	325	1,190

Conference 15 - 17 January 2012	1 Day Rate - up to 7 <sup>th</sup> January 2012		3 Day Rate - up to 7 <sup>th</sup> January 2012		On-site 1 Day Rate		On-site 3 Day Rate	
	US\$	AED	US\$	AED	US\$	AED	US\$	AED
<b>Delegate Category</b>								
EUSEM and Supporting Society Members	295	1,080	470	1,720	375	1,375	675	2,470
Non Member Physicians	350	1,285	570	2,090	450	1,650	725	2,655
Residents/Trainees/Nurses/Students/Paramedics/Physician Assistants	125	460	195	715	275	1,010	350	1,285
Reduced Rate Countries*	195	715	245	900	275	1,010	350	1,285
Accompanying Spouse	195	715	245	900	275	1,010	350	1,285

#### \*Reduced Rate Countries

Afghanistan	Bulgaria	Cote d'Ivoire	Ghana	Kenya	Madagascar	Myanmar	Samoa	Syrian Arab Republic	Vanuatu
Albania	Burkina Faso	Croatia	Guatemala	Kiribati	Malawi	Nepal	So Tomé and Principe	Tajikistan	Vietnam
Angola	Burundi	Czech Republic	Guinea	Korea, Dem. Rep.	Maldives	Nicaragua	Senegal	Tanzania	West Bank and Gaza
Armenia	Czech Republic	Djibouti	Guinea-Bissau	Kosovo	Mali	Niger	Serbia	Thailand	Yemen, Rep.
Azerbaijan	Cambodia	Ecuador	Guyana	Kyrgyz Republic	Marshall Islands	Nigeria	Sierra Leone	Timor-Leste	Zambia
Bangladesh	Cameroon	Egypt	Haiti	Kyrgyzstan	Mauritania	Pakistan	Slovakia	Togo	Zimbabwe
Belarus	Cape Verde	El Salvador	Honduras	Lao PDR	Micronesia, Fed. Sts.	Papua New Guinea	Slovenia	Tonga	
Belize	Central African Republic	Eritrea	Hungary	Latvia	Moldova	Paraguay	Solomon Islands	Tunisia	
Benin	Chad	Estonia	Indonesia	Lesotho	Mongolia	Philippines	Somalia	Turkmenistan	
Bhutan	China	Ethiopia	Iraq	Liberia	Montenegro	Poland	Sri Lanka	Tuvalu	
Bolivia	Comoros	Gambia	Jordan	Lithuania	Morocco	Romania	Sudan	Ukraine	
Bosnia & Herzegovina	Congo	Georgia	Kazakhstan	Macedonia (FYR)	Mozambique	Rwanda	Swaziland	Uzbekistan	



### Empowering Life Support Protocols with ABCDE UltraSound Resuscitation (Entry course for USLS BL1 Provider Certification)

The worlds leading scientific organization committed to develop point-of-care ultrasound practice, research, education, technology, and addressing the needs of patients, institutions, services and communities in "critical" scenarios.

The concept of 'critical ultrasound' evolved recently from 'emergency ultrasound' performed at the 'point-of-care' in scenarios such as emergency departments, ICUs, pre-hospital care, austere environments, disaster scenes, tactical operations, and humanitarian care missions. Clinical scenarios turn into 'critical' ones when there is a dangerous performance gap between the patient status and the resources available for an appropriate decision making and problem solving.

In such settings ultrasound point-of-care image acquisition and interpretation, integrated with advanced life support protocols (ACLS, ATLS) according 'ABCDE' and 'Head-to-toes' –type approaches, allows for rapid and effective decision making, enhanced triage, diagnosis, therapy, monitoring, and follow up. Nowadays, that's approach is also known as 'Ultrasound Life Support'. This typically occurs in the acutely ill patient (Emergency US) or intensive (Intensive/Critical Care US), and/or where human or technical resources are particularly limited (Screening US, Triage US, Remote US, Primary US).

**Course Director:** Dr. Tomislav Petrovic  
WINFOCUS, President

**Course Faculty:** Dr. E. Storti  
Dr. L. Neri

Dr. A. Hussain  
Dr. F. Abu Zidan

#### Friday, 13<sup>th</sup> January 2012

08:00 Registrations & Pre-course Test

#### 08:30 – 09:10 INTRO

- Point-of-care US in Primary, Emergency and Critical Care Medicine: empowering life support protocols
- Critical ultrasound techniques: image generation, acquisition, interpretation & administration.

#### 09:10 – 09:50 AIRWAY

- **ASSESSMENT:** Obstruction/atelectasia, tracheal displacement and lesions, emphysema. Prandial status.
- **PROCEDURES:** ETT, crico-tyroidotomy, tracheo-tomy/-stomy.
- **MANAGEMENT:** Airway Protocols & Interactive Cases [US-AIR]

#### 09:50 – 10:50 BREATHING

- **ASSESSMENT:** Pleural effusion, alveolar consolidation, interstitial syndrome, pneumothorax. Diaphragm impairment.
- **PROCEDURES:** Needle aspiration, thoraco-centesis, chest tube insertion, thoracotomy.
- **MANAGEMENT:** Respiratory Protocols & Interactive Cases [BLUE]

10:50 – 11:10 BREAK

#### 11:10 – 12:30 CIRCULATION

- **ASSESSMENT:** Introduction to echocardiography. Cardiac and caval vein windows.
- **ASSESSMENT:** Critical hemodynamic assessment: heart morphology/performance/filling state, pericardial effusion/tamponade, caval vein variations.
- **ASSESSMENT:** Thrombo-embolic disease: deep venous thrombosis, pulmonary embolism.
- **MANAGEMENT:** Cardio-circulatory Protocols & Interactive Cases [FEEL, FATE, L/H/CV]

12:30 – 13:30 LUNCH

#### 13:30 – 17:30 TRAINING

- **US HANDS-ON & SIMULATION:** [human models, phantoms & ultrasound simulator] Machine orientation. Signs & patterns, sono-anatomy. Airway, Breathing, Circulation.

17:30 SESSION CLOSURE

#### Saturday, 14<sup>th</sup> January 2012

#### 08:00 – 10:50 CIRCULATION

- Review, debriefing, q/a
- **ASSESSMENT:** N/ retro-peritoneal, parenchymal and soft tissue haematomas • Abdominal & thoracic aortic aneurysm: detection, measurement, N/ dissection and rupture • O&G emergencies: ectopic vs intrauterine, retroplacental haematoma, placenta previa. Fetus: movements, heart beat, position, presentation.
- **PROCEDURES:** Defibrillation, TC & IV pacing. Pericardiocentesis, pleurocentesis. Paracentesis, DPL, laparotomy • Peripheral & central venous catheterization.
- **MANAGEMENT:** Cardio-circulatory Protocols & Interactive Cases [FAST, EFAST, FAST-ABCDE, L/H/CV]

10:50 – 11:10 BREAK

#### 11:10 – 11:30 DISABILITY

- **ASSESSMENT:** Optic nerve sheath/disc, pupil assessment (+midline shift, cervical fracture, neonatal assessment).
- **MANAGEMENT:** Neurological Protocols & Interactive Cases [US-NEU]

#### 11:30 – 11:50 ABCDE

- US ABCDE primary management:
  - US Trauma Life Support [US-TLS]
  - US Advanced Cardiac Life Support [US-ACLS]
  - US-Triage & US-EMS/HEMS

#### 11:50 – 12:10 HEAD – TO – TOES

- Concepts on head-to-toes secondary management & monitoring:
  - Head, Thorax, Abdomen, Limbs
  - Assessment, treatment, monitoring, and follow-up

#### 12:10 – 12:30 CME

- Ultrasound education and development: WINFOCUS global initiative for PHC, EM and CCM.

12:30 – 13:30 LUNCH

#### 13:30 – 17:30 TRAINING

- **US HANDS-ON & SIMULATION:** [human models, phantoms & ultrasound simulator]
  - Circulation, Disability
  - Dyspnea, Shock, Coma
  - US Trauma Life Support [US-TLS]
  - US Advanced Cardiac Life Support [US-ACLS]

17:30 POST-COURSE TEST & CLOSURE

## Advanced Paediatric Emergency Care (APEC)

**Directors:** Prof. Yehezkel Waisman and Dr. Javier Benito

**Co-Director:** Dr. Nadeem Qureshi

### Day 1: Friday, 13<sup>th</sup> January 2012

Time	Subject	Lecturer
08:30 - 08:45	Introduction to the APEC course	Faculty
08:45 - 09:30	<b>Lecture:</b> An Approach to the Seriously Ill Infant and Child	Prof. Said H-Idrissi
09:15 - 09:45	<b>Lecture:</b> Principles of Pediatric Triage	Prof. Yehezkel Waisman
09:45 - 10:30	<b>Lecture:</b> Respiratory Emergencies	Dr. Osama Kentab
10:30 - 11:00	Coffee break	
11:00 - 11:45	Lecture: Status Epilepticus (SE)	Dr. Nadeem Qureshi
11:45 - 12:30	Lecture: Pediatric Orthopedic Emergencies	Prof. Yehezkel Waisman
12:30 - 14:00	Lunch Break	
	<b>Skill Stations</b> (rotations of small groups)	
14:00 - 14:45	BLS & Foreign Body Removal or Capnography	Dr. Nadeem Qureshi
14:45 - 15:30	Cardioversion & Defibrillation	Prof. Said H-Idrissi
15:30 - 16:15	Advanced Airway Management	Dr. Osama Kentab
16:15 - 17:00	Intraosseous Infusion	Prof. Yehezkel Waisman
17:00 - 17:30	Closing first day	

### Day 2: Saturday, 14<sup>th</sup> January 2012

Time	Subject	Lecturer
08:30 - 08:45	Introduction to day 2	Faculty
08:45 - 09:30	<b>Lecture:</b> An Approach to the Seriously Ill Infant and Child	Dr. Osama Kentab
09:15 - 09:45	<b>Lecture:</b> Cardiovascular Emergencies	Prof. Said H-Idrissi
09:45 - 10:30	<b>Lecture:</b> Diabetic Keto-Acidosis	Dr. Nadeem Qureshi
10:30 - 11:00	Coffee break	
11:00 - 11:45	Lecture: Procedural Sedation & Analgesia	Dr. Nadeem Qureshi
11:45 - 12:30	Lecture: AHA/ERC New Guidelines for PALS	Prof. Yehezkel Waisman
12:30 - 14:00	Lunch Break	
	<b>Case Scenarios</b> (Simulations)	
14:00 - 14:45	Respiratory Cases (2-3)	Dr. Osama Kentab
14:45 - 15:30	Shock (2-3)	Dr. Nadeem Qureshi
15:30 - 16:15	Cardiac Cases & Pediatric Arrhythmias (3)	Prof. Said H-Idrissi
16:15 - 17:00	Trauma Cases (2-3)	Prof. Yehezkel Waisman
17:00 - 17:30	Buffet & Course Summary	

## Welcome to the World of Simulation Learning in Emergency Medicine

These 2 days will cover the concept of simulation and then focus on practice using practical and frequent cases.

### Instructor Course day 1:

The first day is for Doctors or nurses who would begin Simulation Course in their Hospital for Emergency Medicine Learning. They will receive general information and most important concepts about simulation organization.

This WS will be organized using plenary sessions, practical case and scenarios.

### Providers Course Day 2:

The second day is for Doctors, Nurses, Students or other EMS Providers who would perfect their own knowledge in Emergency Medicine. Simulation will be used during 3 practical stations.

### Faculty

<b>Medical Director (IH)</b>	Dr. Ismaël HSSAIN, MD, Emergency&Disaster Medicine Teaching Director, Genter for EMS Education, Mulhouse General Hospital, France
<b>Medical Co-Director (NS)</b>	Dr Nagi Souaibi, MD, MPH, MHM, Emergency&Disaster Medicine Director, National School for Emergency Care, Beirut, Lebanon
<b>Medical Co-Director (KB)</b>	Dr Karim Benmiloud, MD, Anesthesiology-Emergency&Disaster Medicine, Anesthesiology Dept, Spital Wallis, Switzerland
<b>Technical Assistant Course Coordinator (FZ)</b>	Mr Federic Zumbiehl, RN, Emergency&Flight Nurse, Teaching Assistant, Center for EMS, Education Mulhouse General Hospital, France
<b>Assistant (FS)</b>	Dr Mohamed Saidani, MD, Emergency Medicine Center for EMS Education, Rennes University Hospital, France
<b>President (AB)</b>	Pr Abdel Bellou, MD, PhD, Professor of internal Medicine, Therapeutics&Emergency Medicine, President of European Society for Emergency Medicine (EuSEM). Chief of Emergency Dept Rennes University Hospital France

### Day 1: Instructor Course program:

- Describe different types of simulations
- Describe simulation session organization
- Describe role of simulation in Emergency Medicine
- Become simulation instructor in real situation

#### Day 1: How to teach simulation?

##### 1/ Plenary session: How & why to simulate?

Timing (am)	Title	Theme	Instructor
08:45-09:00	Instructors	Course Introduction	Faculty
09:00-09:20	Introduction	Simulation, debriefing, fidelity	NS
09:20-09:40	Simulators classification	Types, Interest	NS
09:40-10:00	Cognitive aspect	What kind of simulation? For who?	IH
10:00-10:30	Break		
10:30-10:50	Human Factor & Error concept	Why simulation?	IH
10:50-11:30	Debriefing	Place, Importance, Organization, Video	KB
11:30-12:00	Discussion		Faculty
12:00-13:00	Lunch		

##### 2/ Group Session: Discover types of simulation in 3 examples – Each station – 1 hour duration

Instructor Course	Station 1	Station 2	Station 3
Type	How to teach Clinical Case with ABCDE Approach?	How to teach Technical Procedure? (ex. Airway Management)	How to teach Team training? (ex. ALS) Team leader - Member
Material	Human Simulation	Airway Specific material SimKelly Simulation	SimKelly Simulation
Instructor	IH	NS	KB

Timing (pm)	Station 1	Station 2	Station 3
13:00-14:00	Gr A	Gr B	Gr C
14:00-15:00	Gr B	Gr C	Gr A
15:00-15:30	Break		
15:30-16:00	Gr C	Gr A	Gr B

##### 3/ Plenary Session:

Timing (am)	Title	Instructor
16:30-17:00	Discussion	Faculty
17:00-17:30	Faculty Meeting Instructor candidate selection Day 2 Presentation Closure	Faculty

**Half Day / Day 2: Instructor Course program:****Only for Instructor Candidate successfully received Day 1****Simulation Practice for Instructor Candidate in Provider course Half Day 2**

Instructor Course		Station 1	Station 2	Station 3
Type	Teaching Clinical Case with ABCDE Approach	Teaching Procedure (Ex: Airway management)	Teaching Team Training (Ex: ALS)	
Material	Human Simulation	Airway Specific material SimKelly Simulation	SimKelly Simulation	
Instructor	IH	NS	KB	
Timing (am) Session 1		Station 1	Station 2	Station 3
09:00-10:00		IC1	IC2	IC3
10:00-11:00		IC2	IC3	IC1
11:00-11:30	Break			
11:30-12:00		IC3	IC1	IC2
12:00-13:00	Instructor Candidate (1,2,3,) Evaluation			Faculty
Timing (pm)		Station 1	Station 2	Station 3
14:00-15:00		IC4	IC5	IC6
15:00-16:00		IC5	IC6	IC4
16:00-16:30	Break			
16:30-17:30		IC6	IC4	IC5
17:30-18:00	Instructor Candidate (4,5,6,) Evaluation			Faculty

**Day 2: Provider Course program:****Objectives:****(Each station – 1 hour duration)**

- Medical or Trauma patient Management with ABCDE approach on Human Simulator
- Airway Management with specific Simulation material
- ALS Team Training on Life Support Simulator

Provider Course		Station 1	Station 2	Station 3
Type	Clinical Case with ABCDE Approach	Airway Management	Als Team training	
Material	Human Simulator	Airway Material SimKelly Simulator	SimKelly Simulator	
Instructor	IH+IC	NS+IC	KB+IC	
Session 1 (am)		Station 1	Station 2	Station 3
08:45-09:00	Providers Course Introduction			Faculty
09:00-10:00		Gr D	Gr E	Gr F
10:00-11:00		Gr E	Gr F	Gr D
11:00-11:30	Break			
11:30-12:30		Gr F	Gr D	Gr E
Session 2 (pm)		Station 1	Station 2	Station 3
13:45-14:00	Providers Course Introduction			Faculty
14:00-15:00		Gr G	Gr H	Gr I
15:00-16:00		Gr H	Gr I	Gr G
16:00-16:30	Break			
16:30-17:30		Gr I	Gr G	Gr H

**Day 2: Provider Course program:****Additional stations (if needed – depends on number of attendees)****(Each station – 1 hour duration)**

Provider Course		Station 4	Station 5	Station 6
Type	Clinical Case with ABCDE Approach	Airway Management	Als Team training	
Material	Human Simulation?	Airway Material?	SimKelly Simulation?	
Instructor	AB	MS	Abdo Khoury	
Session 1 (am)		Station 4	Station 5	Station 6
09:00-10:00	Instructor Course Introduction			Faculty
10:00-11:00		Gr J	Gr K	Gr L
11:00-11:30		Gr K	Gr L	Gr J
11:30-12:00	Break			
12:00-13:00		Gr L	Gr J	Gr K
Session 2 (pm)		Station 4	Station 5	Station 6
13:45-14:00	Provider Course Introduction			Faculty
14:00-15:00		Gr M	Gr N	Gr O
15:00-16:00		Gr N	Gr O	Gr M
16:00-16:30	Break			
16:30-17:30		Gr O	Gr M	Gr N

# Pre-Conference Workshops

## Metabolism: Acid-base, O2, fluids and electrolyte disorders interpretation

13<sup>th</sup> January 2012

**From 9:00 – 18:00** (Breaks and Lunch included)

**Course Directors:** Fernando Schiraldi, Giovanna Guiotto

**By attending this workshop, you will get insights in:**

- Blood gas interpretation
- Metabolic microparameters useful in the monitoring of the critically ill patients
- Fluids & electrolytes management and their impact on circulation BASIC OVERVIEW and TIMING
- Applied physiopathology of acid-base disorders
- Interactive clinical cases discussion
- The hypoxic patient : diagnostic challenge and interactive clinical cases discussion
- Venous-arterial differences ( OER, PCO2)
- Lactate trends interpretation
- Diagnosis and management of fluids disorders (under/overfilling, dysnatremias)
- Acute dyselectrolytemias ( K, Mg, Ca )
- Arrhythmias linked to electrolyte disorders
- Final Overview & MCQ evaluation test

## Emergency Department Administration

14<sup>th</sup> January 2012

**From 9:00 – 18:00** (Breaks and Lunch included)

**Course Faculty:** Philip Anderson, Stephanie Kayden, Marc Sabbe, Andrew Schenkel

Quality improvement is one of the central administrative challenges facing Emergency Department leaders in all countries. Through a series of lectures and workshops facilitated by experienced faculty, course participants will learn practical approaches for improving quality in their emergency departments. Participants will work together in small groups on concrete problem solving projects designed to produce concrete tools and strategies that can be implemented in the participants' home institution.

This course is being organized by the International Emergency Department Leadership Institute (IEDLI) [www.iedli.org](http://www.iedli.org)

**By attending this workshop, you will get insights in**

- To describe the important structural characteristics and competencies of ED leadership teams necessary for carrying out quality improvement initiatives
- To define quality as it relates to care delivery in the emergency department and discuss key metrics and performance indicators for measuring quality
- To discuss the difference between practice guidelines and clinical pathways and identify the key elements of clinical pathways that increase likelihood for success
- To describe the key elements of risk management strategies for responding to errors and adverse events in the emergency department.

**Course Schedule:**

08:00 – 08:15	Introduction		
08:15 – 09:00	Lecture 1	Building leadership team	Jason Tracy
09:00 – 09:45	Lecture 2	Quality assurance / improvement	Philip Anderson
09:00 – 10:00	Coffee break		
10:00 – 10:45	Lecture 3	Clinical pathways	Stephanie Kayden
10:45 – 11:30	Lecture 4	Risk management	Marc Sabbe
11:30 – 12:30	Lunch		
12:30 – 14:00	Small Group Session 1	Clinical pathways	Course Faculty
14:00 – 14:15	Coffee break		
14:15 – 15:45	Small Group Session 2	Risk management	Course Faculty
15:45 – 16:45	Small Group Presentations		

## Disaster Medicine: Improvised Explosive Devices

14<sup>th</sup> January 2012

**From 9:00 – 18:00** (Breaks and Lunch included)

**Course size:** Maximum 15 delegates

**Course Directors:** Steve Photiou (Italy), Massimo Azzaretto (Italy)

This one-day course will be composed of some didactic sessions followed by a tabletop exercise that will cover the material presented in these sessions. Participants will learn about the different types of improvised Explosive Devices(IED), the different types of blast injuries, the different types of thermal or chemical burn injuries and learn to evaluate and manage victims of thermal, chemical and radiological burns. Participants will also learn how to evaluate victims' injured in a dirty bomb incident and how to perform radiation detection and decontamination. Participants will learn in a didactic format as well as by going through a practical scenario during the table top exercise, how to manage these different scenarios.

**Learning objectives:**

1. Describe different types of IEDs and bombings using specific historical examples
2. Identify the unique patterns of injury that bombs and explosions can cause including thermal injuries.
3. Recognize and treat the most common post explosion injuries
4. Describe injuries that may be sustained from a Chemical bomb as well as Radiological Dispersal Device or 'Dirty Bomb'.
5. Discuss the evaluation, triage and initial management of thermal and chemical injuries.
6. Describe the different possible radiation detection equipment and the performance of a proper radiation detection survey.
7. Discuss the initial clinical evaluation and management of acute radiation syndrome and local radiation injuries (radiation burns)
8. Participants will also learn by going through active participation at the table top exercise, how to manage these different scenarios.

### Day 1 Morning

#### Time Room 1

##### **Intensive Care**

**Chair: Hussein Al Rahma and Abdo Khoury**

9:00	Abdo Khoury (France) Mechanical Ventilation Use in the Emergency Department
9:30	Roberta Petrino (Italy) Non Invasive Ventilation in Acute respiratory Failure
10:00	Patrick Plaisance (France) Guidelines 2010 on Cardiac Arrest Management
10:30	<b>Coffee Break</b>
11:00	Fernando Schiraldi (Italy) Dyskalemia management in Emergency Department
11:30	Fernando Schiraldi (Italy) Acute Kidney Failure: The basis for Emergency Physicians
12:00	Eyad AlThenayan (Saudi Arabia) Management of Increased Intracranial Pressure in the Emergency Department
12:30	Darryl Macias (USA) Life threatening management in extreme situations
13:00	Hussein Al Rahma (UAE) Hypothermia in Cardiac Arrest: How does it work?
13:30	<b>Lunch Break</b>

#### Time Room 2

##### **Administration**

**Chair: Phil Anderson and Khalid Abu Haimed**

9:00	Eric Revue (France) What are the solutions to Avoid overcrowding in Emergency Department?
9:30	Nathalie Flacke (France) Knowledge Management and Quality of Care in Emergency Medicine
10:00	Stephanie Kayden Triage Systems selecting the Right Approach to your ED
10:30	<b>Coffee Break</b>
11:00	Andrew Schenkel (Sweden) Change strategies: A palette of options
11:30	Nathalie Flacke (France) Impact of Cardiac Biomarkers Point of Care on Quality of Care in Emergency Departments
12:00	Nellie Shuri Boma (UAE) Clinical & Administrative Experience in Introducing Rapid Response Teams in Hospitals
12:30	Moin Fikree (UAE) Trauma Center implementation in Arab Country: Example of the Dubai Trauma Center
13:00	Khalid Abuhaimed (Saudi Arabia) Customer satisfaction in ED
13:30	<b>Lunch Break</b>

#### Time Room 3

##### **Cardiovascular**

**Chair: Semir Nouria and Said Laribi**

9:00	Abdellouhab Bellou (France) Update in NSTEMI care for Emergency Physicians
9:30	Said Laribi (France) Update on Acute Heart Failure Management in Emergency Department
10:00	Fernando Schiraldi (Italy) Management of arrhythmias in Emergency Department
10:30	<b>Coffee Break</b>
11:00	Arif Alper Cevik (Turkey) Update in Stroke Management in Emergency Department
11:30	Francisco Moya (Spain) Guidelines and New anticoagulants for Atrial Fibrillation Care in Emergency Department
12:00	Philip Levy (USA) Update in STEMI management for emergency physicians
12:30	Abdullah Al Sakka (Saudi Arabia) Use of Ultrasound in Shock Patient
13:00	Fahad Baslaib Overview on the Hospital/pre hospital STEMI program in Dubai
13:30	<b>Lunch Break</b>

### Day 1 Afternoon

#### Time Room 1

##### **Ultrasound**

**Chair: Tomislav Petrovic and Fikri Abu Zidan**

14:30	Tomislav Petrovic (France) Point of Care ultrasound: evolution of the physical exam, revolution of the clinical approach to patients
14:50	Enrico Storti (Italy) Critical Ultrasound: from FAST to the ABCDE - priority based integrated approach
15:10	Javed Ahmed (Pakistan) Use of US in Acute Abdomen
15:30	Luca Neri (Italy) Critical Ultrasound in scarce resource scenarios and primary care: a paradigm for sustainable global healthcare and development
15:50	<b>Coffee Break</b>
16:20	Enrico Storti (Italy) US-guided Airways Management
16:40	A. Hussain (Saudi Arabia) US-guided Shock Management
17:10	Fikri Abu Zidan (UAE) Search for bleeding sources in Trauma: abdomen, aorta & beyond
17:30	Tomislav Petrovic (France) Optic Nerve US and beyond
17:50	Javed Ahmed (Pakistan) Use of US in Trauma

#### Time Room 2

##### **Administration**

**Chair: Terry Mulligan and Junaid Razzak**

14:30	Francisco Moya (Spain) How to have a CT-based Emergency Department
14:50	Phil Anderson Team Why time measurement is essential for the improvement of quality of care in Emergency Department
15:10	Mahmood Ghanaim (UAE) Ideal Emergency Medicine Physicians
15:30	Darryl Macias (USA) Evolution of the concept of international cooperation in Emergency Medicine
15:50	<b>Coffee Break</b>
16:20	Terry Mulligan (USA) Patient Safety in Emergency Medicine
16:40	Nagi Souaiby (Lebanon) Ethical and Legal aspects in Emergency Department
17:00	Darren Kilroy (UK) The 4 hour ED Standard: Friend or Foe?
17:20	Darren Kilroy (UK) Performance metrics in emergency department
17:40	Murray Van Dyke (UAE) Shortening ED Wait Times; Alternate Intake Strategies

#### Room 3

##### **Disaster Medicine**

**Chair: Steve Photiou and Khalid Johani**

14:30	Steve Photiou (Italy) Crisis and Emergency Risk Communication
14:50	Massimo Azzaretto (Italy) Education and Training in Disaster Medicine
15:10	Abdo Khoury (France) Evacuation of French Citizens from Lebanon in July 2006: Humanitarian and Medical Assistance
15:30	Lauri Trites (UAE) Chemical Terrorism
15:50	<b>Coffee Break</b>
16:20	Gamal Abbas (UAE) Disaster Stockpile
16:40	Mahmoud Taj (UAE) Disaster Triage, UAE Applications
17:10	Khalid Johani (Saudi Arabia) Using Hajj to develop disaster management models
17:30	Nabeel Ansari (Bahrain) Lessons learnt from Recent Disaster in Bahrain

### Day 2 Morning

Time	Room 1
	<b>Pre-Hospital</b> Chair: Maaret Castren and Khalid Abuhaimeid
9:00	Maaret Castren (Sweden) Why is prehospital research so difficult?
9:30	Olivier Hoogmartens (Belgium) A practice example: "Research according to the Utstein Formula for Survival: taking the first steps"
10:00	Joost Bierens (Holland) Rookie mistakes and pitfalls when conducting prehospital research
10:30	Coffee Break
11:00	Dirk Ramaekers (Belgium) Research project study design
11:30	Hicham Nejmi (Morocco) Airway Management in Pre Hospital Setting
12:00	Patrick Plaisance (France) European EMS models
12:30	Hicham Nejmi (Morocco) Pre Hospital Emergency Medicine Care in Morocco
13:00	Khalid Abuhaimeid (Saudi Arabia) Development of Pre Hospital Emergency Medicine Care in developing countries
13:30	Lunch Break

Time	Room 2
	<b>Research</b> Chair: Abdelouahab Bellou and Nadeem Qureshi
9:00	Mike Puskarich (USA) Registry and observational research in emergency medicine
9:30	Mike Puskarich (USA) Challenges of clinical trials in the emergency department
10:00	Semir Noura Evolution of Research in EM in the Arab World: experience in Tunisia
10:30	Coffee Break
11:00	Abdelouahab Bellou (France) Evolution of Research in Emergency Medicine in Europe
11:30	Said Laribi (France) Impact of Networking in Emergency Medicine Research
12:00	Colin A. Graham (China) How get an original paper published in good journals
12:30	Fikri Abu Zidan (UAE) Trauma research in the developing countries: Reality and vision
13:00	Nadeem Qureshi (Saudi Arabia) Development of research in Emergency Medicine in Saudi Arabia
13:30	Lunch Break

Time	Room 3
	<b>Trauma</b> Chair: Eric Revue and Fikri Abu Zidan
9:00	Tbc Trauma outcomes in Qatar
9:30	Eyad AlThenayan (Saudi Arabia) Initial Approach to SubArachnoid Hemorrhage in ED
10:00	Marc Sabbe (Belgium) Collaboration with others in trauma management in the pre hospital setting
10:30	Coffee Break
11:00	Mohamed El Shinawi (Egypt) Trauma training in Egypt
11:30	Amal Yousuf (Saudi Arabia) Pediatric Trauma in GCC
12:00	Osama Kentab (Saudi Arabia) Resuscitation of hemorrhagic trauma
12:30	Colin Graham (China) Update on Thoracic Trauma Injury
13:00	Mohamed Al Asfoor (Qatar) Trauma Disasters: The special populations & beyond
13:30	Lunch Break

### Day 2 Afternoon

Time	Room 1
	<b>International</b> Chair: Mohamed Al Asfoor and Nathalie Flacke
14:30	Ron Abu Hassan (Malaysia) Evolution of Emergency Medicine in Asia
14:50	Mohamed Mouhaoui (Morocco) Evolution of Emergency Medicine in North Africa
15:10	Nagi Souaiby (Lebanon) Evolution of Emergency Medicine in Lebanon
15:30	Fahad Orifi (Saudi Arabia) Evolution of Emergency Medicine in Saudi Arabia
15:50	Abdelouahab Bellou (France) Evolution of Emergency Medicine in Europe
16:10	Coffee Break
16:30	Mohamed El Shinawi (Egypt) Evolution of Emergency Medicine in Egypt
16:50	Lee Wallis (South Africa) Evolution of Emergency Medicine in Africa
17:00	Salah Fares (UAE) Evolution of Emergency Medicine in the UAE
17:20	Mohamed Al Asfoor (Qatar) Evolution of Emergency Medicine in Qatar
17:50	Arif Alper Cevik (Turkey) Evolution of Emergency Medicine in Turkey
18:10	Evolution of Emergency Medicine in Qatar: Tbc
18:30	Ali Bidari (Iran) Evolution of Emergency Medicine in Iran

Time	Room 2
	<b>Pediatric</b> Chair: Hezi Waisman and Osama Kentab
14:30	H. Weismann/Javier Benito (Spain) Tbc
15:00	Nadeem Qureshi (Saudi Arabia) Status Epilepticus in children
15:30	Said Hachimi (Belgium) Tbc
16:00	Coffee Break
16:30	Osama Kentab (Saudi Arabia) New devices for PEM
17:00	Nadeem Qureshi (Saudi Arabia) Inborn errors of Metabolism
17:30	H. Weismann/Javier Benito (Spain) Tbc
18:00	Amal Yousif (Saudi Arabia) Fever in Children

Time	Room 3
	<b>Residents Session</b> Chair: Ahmed Sbhi and Abdullah
14:30	Roa Jamjoom (Canada) Ultrasound in Pediatric ED
14:50	Amani hattab Al -A'azmi (Saudi Arabia) Common Toxins in ED
15:10	Yasser A Alaska (Saudi Arabia) Hajj. Unique educational environment for Emergency Medicine Residents
15:30	Abdul Aziz I. AlResseeni (Saudi Arabia) Bleeding Patient
15:50	Richard Loffhagen (UAE) Is the plain film a thing of the past?
16:10	Coffee Break
16:40	Glyn Barnett Trauma (UAE) Fluid Resuscitation and Massive Transfusion Protocols
17:10	David Solomon (UAE) Ultrasound Applications in Emergency Medicine
17:20	Robert Hoffman (UAE) Toxin Induced Seizures
17:40	Richard Loffhagen (UAE) Imaging the C-spine

### Day 3 Morning

Time	Room 1
	<b>Toxicology</b> Chair: Bruno Megarbane and Mohammed Helail
9:00	Carlo Locatelli (Italy) Recreational drugs
9:30	Mohammed Helail (Saudi Arabia) Household poisons
10:00	Arif Alper Cevik (Turkey) Mushroom Poisonings
10:30	Coffee Break
11:00	Mohammed Helail (Saudi Arabia) Snake and scorpion envenomation
11:30	Carlo Locatelli (Italy) Antidotes in the Emergency room
12:00	Bruno Mégarbane (France) Antidotes for cyanide poisoning
12:30	Bruno Mégarbane (France) Management of cardiotoxicant poisonings
13:00	Marc Sabbe (Belgium) Lipid rescue: myth or reality?
13:30	Lunch Break

Time	Room 2
	<b>Sepsis</b> Chair: Alan Jones and Mohamed Mouhaoui
9:00	Alan Jones (USA) Updates on the Initial Management of Sepsis in the Emergency Department
9:30	Mike Puskarich (USA) Timing of antibiotics and outcomes in septic shock
10:00	Philip Levy (USA) Hemodynamic monitoring of sepsis in the emergency department
10:30	Coffee Break
11:00	Abdelouahab Bellou (France) Biomarkers in Sepsis
11:30	Junaid Razzak (Pakistan) Sepsis - challenges in low income countries
12:00	Nadeem Qureshi (Saudi Arabia) Choice of inotropes in pediatric sepsis?
12:30	Philip Levy (USA) Cardiac dysfunction during severe sepsis
13:00	Abdullah Al Sakka (Saudi Arabia) Use of Adjunctive Therapies in sepsis
13:30	Lunch Break

Time	Room 3
	<b>Education</b> Chair: Roberta Petrino and Ahmed Sbihi
9:00	Khalid Johani (Saudi Arabia) Emergency Medicine challenges in GCC
9:30	David Williams (UK) Evolution of Emergency Medicine Education in UK
10:00	Roberta Petrino (Italy) European Curriculum of Emergency Medicine
10:30	Coffee Break
11:00	Gamal Abbas (UAE) Implementation of Resuscitation courses in Arab Countries
11:30	Fahad Orifi (Saudi Arabia) Use of telemedicine in developing emergency medicine services
12:00	Fikri Abu Zidan (UAE) Critical decision making in Emergency Medicine: A vital skill
12:30	Alan Jones (USA) The challenges of education research in emergency medicine
13:00	Junaid Razzak (Pakistan) Setting Up an academic department of Emergency Medicine in a developing country
13:30	Lunch Break

### Day 3 Afternoon

Time	Room 1
	<b>The experts answer to hot questions</b>
14:30	Expert Panel 1: Thrombolysis or Angioplasty in STEMI? Philip Levy (USA)
15:00	Expert Panel 2 PCT or CRP in sepsis? Abdelouahab Bellou (France)
15:30	Expert Panel 3 Is the EGDT still recommended for sepsis management? Alan Jones (USA)
16:30	Closing Ceremony

Time	Room 2
	<b>Education</b>
14:30	Osama Kentab (Saudi Arabia) Building a solid emergency medicine education program: Nuts and bolts
15:00	Mohamed Mouhaoui (Morocco) Evolution of Emergency Medicine Education in North Africa
15:30	Nabeel Al Ansari (Bahrain) Evolution of Emergency Medicine Education in Bahrain
16:00	Salah Fares (UAE) Evolution of Emergency Medicine Education in the UAE
16:30	Closing Ceremony

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16:30	Closing Ceremony



# The 1<sup>st</sup> Global Network Conference on Emergency Medicine

Dubai International Convention and  
Exhibition Centre, Dubai, UAE

13 – 17 January 2012

## Social Events

### Opening Ceremony

Please join us on the 15<sup>th</sup> January 2012 for the official opening ceremony. Please check the website for further details.

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### Big Bus Tour

Take the Day Tour and use the hop-on, hop-off facility to visit all the places that interest you, or join the Night Tour with

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### Burj Khalifa

Experience the thrill of a lifetime as a high-speed elevators whisk you 124 floors above the ground of the world's tallest building for an awe-inspiring view from the Burj Khalifa Observation Dock. By day and night At the Top provides unparalleled views of Dubai. A standard visit to At the Top lasts approximately 60 minutes, giving you time to relax and enjoy the Dubai skyline.



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### Musandam Tour

Enjoy an unforgettable day cruising along the "Fjords of Musandam" & "Coastline of Musandam" on



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