

# SECOND ANNOUNCEMENT

## The Ultrasound of ABCD:

*the emerging pervasive Role of Ultrasound in the acute Management of Airway, Breathing, Circulation and Dolour in the critically ill or severely injured Patient*

### Current concepts and future trends

Scandinavian Meeting October 6<sup>th</sup>-8<sup>th</sup> 2008

At the Aarhus University Hospital, Skejby

#### Lectures & workshops

##### Keynote speakers

Michael Seltz Kristensen, Denmark (MSK)  
Rainer Gatz, Sweden (RG)  
Enrico Storti, Italy (ESt)  
Erik Sloth, Denmark (ESl)  
Fawzi al-Ayoubi, Sweden (FaA)  
Jens Børglum, Denmark (JB)  
Torvind Næsheim, Norway (TN)  
Thomas Fichtner Bendtsen, Denmark (TFB)

##### Specially invited speakers

Lars Bolvig, Denmark (LB)  
Luca Neri, Italy (LuN)  
Susanna Price, England (SP)  
Zbigniew Koscielniak-Nielsen, Denmark (ZKN)  
Daniel Lichtenstein, France (DL)  
Jim Connolly, England (JC)  
Marek Nalos, Australia (MN)

#### Workshops

Airway - Breathing – Circulation - Dolour

#### Supervisors:

Lars Knudsen, Michael Seltz Kristensen, Søren Vad Jepsen, Åge Christiansen, Daniel Lichtenstein, Rainer Gatz, Marek Nalos, Erik Sloth, Kim Larsen, Torvind Næsheim, Susanna Price, Peter Torp, Michel Hellfritsch, Lars Bolvig, Lise Loft Nagel, Fawzi al-Ayoubi, Jim Conolly, Jens Børglum, Desiree Rosenborg, Søren Walther-Larsen, Jakob Gjedsted, Jens Aage Kølsen Petersen, Thomas Bendtsen, Bo Gottschau, Zbigniew Koscielniak-Nielsen, Claus Valther Rohde & Bo Iversen

#### Invitation letter

Diagnostic and interventional ultrasound has only recently become established in anaesthesia, critical care and emergency medicine. This Scandinavian meeting will elucidate the emerging pervasive role of ultrasound in the acute management of airway, breathing, circulation and dolour in the critically ill or severely injured patient – prehospitally, in the emergency room, operating theatre, and intensive care unit - by presenting current concepts and future trends of the ultrasound of ABCD. The meeting will focus on basic understanding and hands-on sessions.

#### Organizing Committee

Eldar Søreide, Norway (ESø), Erika Christensen, Denmark (EC), Thomas Fichtner Bendtsen, Rainer Gatz, Lars Knudsen, Norway (LK), Torvind Næsheim, Norway, Erik Sloth, Jens Winther Jensen, Denmark (JWJ)

# Programme

## Monday 6<sup>th</sup> October

07:00 - 09:00 Registration

08:30 - 09:00 Welcome and opening remarks (ESø, LN, EC, JWJ)

09:00 – 09:30 Basic ultrasound theory (TN)

## Current concepts

### *Airway & Breathing sessions*

09:30 - 09:50 Key note lecture: airway problem-solving with ultrasound (MSK)

09:50 - 10:10 Key note lecture: breathing (respiration and ventilation) problem-solving with ultrasound (RG)

10:10 – 10:30 Live demonstration of A & B ultrasound (Est)

10:30 - 11:00 Coffee break

### *Circulatory sessions*

11:00 - 11:30 Key note lecture: circulatory problem-solving with ultrasound (ESI)

11:30 - 11:50 Key note lecture: the FAST protocol (FaA)

11:50 - 12:10 Key note lecture: acute peripheral and central vascular access with ultrasound (JB)

12:10 - 12:30 Live demonstration of cardiac ultrasound - focus on the FATE- and FAST protocols (TN, ESI, FaA)

### *Dolour sessions*

12:30 - 12:55 Key note lecture: acute pain management with ultrasound-guided peripheral nerve blocks (TFB)

12:55 - 13:15 Live demonstration of peripheral nerves with ultrasound (TFB)

13:15 - 14:00 Lunch break

## Future trends

### *The future of ABCD*

14:00 - 14:30 The emerging pervasive role of ultrasound in anaesthesia, critical care and emergency medicine – in the eyes of a radiologist (LB)

14:30 - 15:00 The future primary survey of trauma care with ultrasound – a demonstration (LuN)

15:00 - 15:30 Coffee break

15:30 - 16:00 The future of echocardiography in anaesthesiology, critical care and emergency medicine – in the eyes of a cardiologist (SP)

16:00 – 16:30 The future of ultrasound-guided analgesia in anaesthesia, critical care and emergency medicine (ZBN)

16:30 – 17:00 The future of general ultrasound in the critically ill (DL)

**Tuesday 7<sup>th</sup> October**

## **WORK-SHOPS**

### **Workshop I - ultrasound evaluation and management of airway, ventilation and respiration in live anaesthetized animal models**

Evaluation of airway patency and obstruction, verification of proper endotracheal intubation, emergency tracheotomy, percutaneous dilatation tracheotomy, pneumothorax, hemothorax, pleural effusion, pleural drainage, ARDS, atelectasis, lung contusion, costal fractures, lung embolism

### **Workshop II – FATE (focus assessed transthoracic echocardiography) in live models**

Acoustic windows: subcostal, parasternal, apical and pleural; preload, contractility and afterload

### **Workshop III – FAST (Focused Assessment with Sonography for Trauma) in live anaesthetized animal models**

Acoustic windows: perihepatic, perisplenic, pelvic and pericardial.

### **Workshop IV – ultrasound-guided vascular access in live models**

Veins (internal jugular, subclavian, brachial, cubital, femoral), arteries (radial, femoral)

### **Workshop V – ultrasound-guided peripheral nerve blocks in live models**

Peripheral nerve approaches (interscalene, periclavicular, axillary, femoral and sciatic)

19:00 Galla diner

## **Wednesday 8<sup>th</sup> October**

10:00 - 14:30 **Meet the experts** (interactive panel discussion with international experts)

Lung ultrasound (MN)

FATE (SP)

FAST (JC)

and others

**Shopping in the ultrasound bazaar** (go in-depth with your favorite emergency ultrasound issues in the arcade of the expert stalls of the ultrasound bazaar – whatever you prefer)

14:30 -15:00 Closing remarks (ESø, LN, EC, JWJ)

**FURTHER INFORMATION AND FINAL ANNOUNCEMENT  
SOON AVAILABLE ON [WWW.WINFOCUS.ORG](http://WWW.WINFOCUS.ORG)**