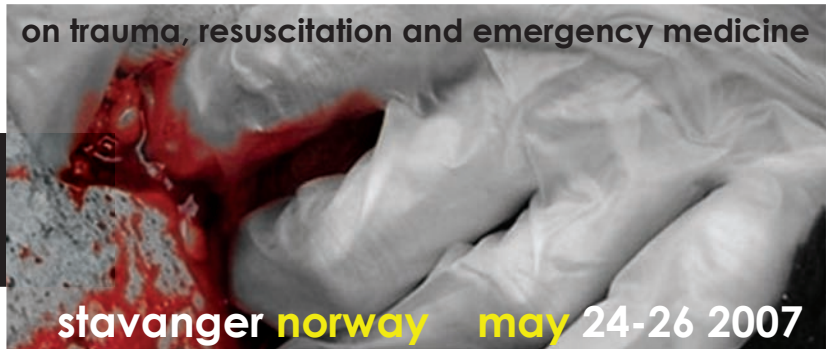




# Scandinavian update 2007

on trauma, resuscitation and emergency medicine



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## Scandinavian Update 2007

### **Tim Coates** United Kingdom

is Professor of Emergency Medicine in Leicester, UK. He is the scientific coordinator of a huge international randomised, controlled trial (RCT) on trauma related bleeding/deaths and use of fibrinolytics (CRASH2). The plan is to include over 20 000 patients world-wide. He will give an update on the CRASH2 trial and put trauma deaths into an international perspective. Further, he will address current developments in the EU on consent in emergency care research and some recent UK developments in Emergency Medicine (EM) organisation. He is the Chairman elect of the United Kingdom Trauma Audit and Research Network (UK TARN).



### **Karim Brohi** United Kingdom

is the founder of [www.trauma.org](http://www.trauma.org) and works as a trauma surgeon at the famous Royal London Hospital. He will present and try to provoke some discussion on several of his favourite topics:

- Management of massive bleeding in trauma. Novel agents for haemostasis – not so novel anymore, but still of interest?
- Time to surgery – an outdated concept or the key to the matter? An update on modern surgical approaches for surgeons and the non-surgeons alike, including resuscitative thoracotomy.
- WWW.TRAUMA.ORG as an excellent example on the importance of international co-operation on research, education and implementation in trauma.



### **Maaret Castren** Finland

has worked with trauma, resuscitation and emergency medicine both on a clinical, educational, administrative, and scientific level. She is to become the first Professor of Emergency Medicine at the Karolinska Hospital, Stockholm, Sweden. Hence, it is natural to ask her to repeat the fantastic Scandinavian update on trauma, resuscitation and emergency medicine that she gave in 2005.

### **Fion Davies** United Kingdom

is a paediatric emergency physician and chairs the Intercollegiate Paediatric Emergency Care Group in UK. She will speak on the development of paediatric emergency medicine in the UK, competencies in paediatric EM sub-specialty training and the use of video as an education tool.

## **Joost JML Bierens**      **The Netherlands**

trained in Anaesthesiology and Emergency Medicine. He is Professor of Emergency Medicine at the Freie University in Amsterdam, the Netherlands. He is involved with both disaster medicine research and planning. He is the scientific chairman of the World Association of Disaster and Emergency Medicine (WADEM) Congress in Amsterdam in 2006. He will talk and facilitate the discussion around some of his favourite topics:

- Drowning and hypothermia: current guidelines need urgent improvement!
- Performance indicators for trauma care: dream or night mare?
- Tips and tricks to start research in emergency and disaster medicine

## **Ernestina Gomes**      **Portugal**

is a trained anaesthesiologist and works in Porto, Portugal, which has a large and well-developed trauma program. Most of her clinical work and research is related to trauma management and outcome. She is one of the founders of the brand new European Trauma Course (ETC), which offers a more educational sound and European tuned approach to learning high quality pre-hospital and in-hospital trauma management. Besides this topic she will address

- Traumatic brain injury – first do no harm! But how?
- How to organising trauma care – lessons learned.
- Trauma outcome – more than just survival
- Drowning and hypothermia: current guidelines need urgent improvement!
- Performance indicators for trauma care: dream or night mare?
- Tips and tricks to start research in emergency and disaster medicine

## **Pertti Hakala**      **Finland**

is the Medical Director of the only trauma ICU in Scandinavia, located as part of the Helsinki University Hospital in Finland. He will share with us from his vast experience. One of his topics will be:

- The trauma patient in the ICU – what now?

He will also participate in the facilitated pro-con discussion on the bleeding trauma patient. Is the patient still bleeding? Or, are we making progress in Scandinavia?



## **Lauri Handolin**      **Finland**

is a surgeon with a special interest in trauma management. He works and lives in Helsinki, Finland, but has spent most of the last year in Congo, Africa as a member of a Finnish Forward Surgical Team (FST). He will share with us the experiences from the first European Force combat surgery unit in Africa. Further, he will share with us the result of the Helsinki Trauma Outcome Study 2005 - the first major trauma audit in Finland. With this background, he should be able to contribute to the facilitated pro-con discussion on the bleeding trauma patient. Is the patient still bleeding? Or, are we making progress in Scandinavia? Hopefully, he will also give us an update on surgical techniques in trauma.



## **Anders Östlund**      **Sweden**

is Chief Anaesthesiologist for Trauma and Emergency Surgery, Karolinska Hospital Solna, Sweden. He will take part in the discussion around the trauma victim with massive bleeding and the new Scandinavian guidelines on management of these patients. He will also address the importance of good team work. Good communication saves lives, bad communication kills!

## **Jo Kramer-Johansen**      **Norway**

is Research Fellow with the Cardiopulmonary Arrest Research Group at Ullevaal University Hospital, Oslo, Norway, and The Norwegian Air Ambulance. He will share with us some new results from their exciting research, and how it may change the way we resuscitate patients.

- Why did we not pay attention to the quality of chest compression and the importance of the compression: ventilation ratio?
- Have the new ERC guidelines on resuscitation changed everything, or anything at all?
- Cardiopulmonary arrest research – my view on the important issues in the future.



### **Olav Røise** Norway

is trained as an orthopaedic and trauma surgeon. Clinically he has a special interest in complicated pelvic injuries. He runs the national trauma referral program for these injuries at Ullevaal University Hospital, Oslo. His many publications are in the same field. He is the Medical Director of the coming Norwegian national trauma registry, and has led a national working group on the future national trauma organisation in Norway. He is also the medical director of ATLS Norway. Among more, he will discuss the following subjects:

- An update on orthopaedic injuries for everyone involved.
- All the new Trauma Training Courses – what to pick? ATLS, ETC, DSTC, BEST?
- International cooperation with focus on research, education and implementation



### **David Lockey** United Kingdom

works in Bristol as an anaesthetist and intensivist when he is not staffing the London HEMS helicopter as flight physician or serves as a military doctor abroad. He is also one of the co-editors of the journal Resuscitation. Quite naturally, resuscitation, airway and trauma management are his main fields of interest.

- Pre-hospital airway management: Why all the controversy?
- The Surgical Airway – the non-surgeons view

### **Sven Lethvall** Sweden

is trained in internal medicine and anaesthesiology at Sahlgrenska University Hospital, Gothenburg, Sweden. He has for many years had an interest in triage of patients in the ED. He is now involved on a national and international level with the development of such triage tools and how they can be scientifically validated.



### **Nils Oddvar Skaga** Norway

is Chief Anaesthesiologist for Trauma at Ullevaal University Hospital, Oslo Norway, and a research fellow with The Norwegian Air Ambulance. He is one of the founders of the trauma registry at Ullevaal University hospital and has taken a central part in the development of the Norwegian national trauma registry. He is now finishing his PhD on trauma scoring, and will share his views and study findings on:

- Does the TRISS methodology apply in Scandinavia? And if not, so what?
- Trauma and co-morbidity – is the co-morbidity more important than the injury for final outcome? And, what does a good outcome after trauma really mean?
- Anaesthesia for the trauma patient – my favourite drugs and gadgets.

### **Otto Chan** United Kingdom

is a trauma oriented radiologist working at the Royal London Hospital. His radical views on trauma radiology has shaken the established trauma organisation, and he will give us a complete new view on initial trauma care.

- Turning ABC into CABC - time to upgrade from the time of Madam Curie.



### **Guttorm Brattebø** Norway

is the Director of Prehospital Emergency Services, Bergen Health Trust, Norway. He is a trained anaesthesiologist with a keen interest in quality improvement and patient safety, and one of the founders of BEST (better and systematic trauma care). He will challenge us on how to make trauma and emergency care safer for the patient.

- Airway and trauma management by doctors – licence to kill? How we forgot to include quality of care and patient safety in our calculations.



### **Tom Silfvast** Finland

Helsinki University Hospital, Finland has worked with and done research in pre-hospital emergency care and intensive care medicine for many years. One of his tasks will be to update us on:

- Accidental hypothermia – the Nordic experience



### **Charles Deakin** United Kingdom

is a Consultant in Cardiac Anaesthesia at the Southampton University Hospital. He has done an extensive amount of research in the field of resuscitation and trauma and chairs the ERC ALS committee. Based on his experience from the London HEMS program, he now works to get a similar HEMS program established in the Southampton area.

- Hot resuscitation topics in adults.
- How many HEMS programs do we need? The UK experience.
- Cardiopulmonary arrest research – my view on the important issues in the future.

### **Lynn Biserød** Norway

is an ENT surgery consultant at the Stavanger University Hospital with a special interest in trauma.

- Airway management in the trauma patient with a smashed face – a real challenge. The ENT surgeon's view.
- Acute and emergency tracheotomy – when everything that can go wrong goes wrong!



### **Gareth Davies** United Kingdom

is the Medical Director of the famous London Helicopter Emergency Medical Service (HEMS) program. Originally trained as an emergency physician, he has through his pre-hospital work gained an extensive experience with airway and trauma management. He will share with us his view on:

- Indications for and training in pre-hospital and ED surgical procedures (amputations, thoracotomy w/aortic occlusion). An update for surgeons and non-surgeons alike.
- The HEMS physician and the pre-hospital trauma team. How do you train them together and how do you secure clinical excellence?
- Patient safety in emergency medicine - is human factors and human errors a bigger issue than we used to think?



### **Kjetil Søreide** Norway

is a research fellow in the Department of Pathology, Stavanger University Hospital, and has already published extensively on trauma and what we can learn from the dead. One of his more exotic studies is on local risk sports: How dangerous is BASE-jumping? An analysis of adverse events in 20,850 jumps from the 1100 m high Kjerag massif, Lysefjorden, Norway.

### **Christer Axelsson** Sweden

is a nurse anesthetist and research fellow working with the ALS ambulance in Gothenburg, doing his PhD with the group of Professor Johan Herlitz. He will discuss:

- Mechanical chest compression in out-of-hospital cardiac arrest - does it make any difference?

Axel Cappelen died many years ago. As a pioneer and dare-devil he brought surgery on the heart one step further.

**Helga Loose**, who works as a Consultant in Vascular and Thoracic Surgery at the Stavanger University Hospital, Norway will try to answer the question "What have we learnt 110 years later?" More than you think probably.



How important are the implementation of the new Scandinavian Guidelines on massive bleeding in trauma to improve outcome? What are the surgical challenges nowadays? To answer this we have **Tina Gaarder**, Consultant and Researcher in Trauma Surgery, Ullevaal University Hospital, Norway.

Prehospital airway management – the new Scandinavian (SSAI) guidelines. What are they and will they improve outcome? To answer this and be challenged by other experts we have **Peter Berlach**, a Danish anaesthesiologist with extensive experience in pre-hospital emergency medicine.

To present and facilitate the discussion on recent developments and controversies in resuscitation we have invited



the President of the ERC, **David Zideman** from London, UK. Will the new international guidelines on resuscitation in save more lives and brains neonates? To critical assess this question in neonates we have invited **Bjørn Øglænd** from Stavanger, Norway. Himself an experienced neonatologist he will present both his view and some provoking questions, we hope. Others will try to answer the same question for children and adults.



**Erika F. Christensen** from Århus, **Søren Loumann Nielsen** from Copenhagen, Denmark, **Sindre Mellesmo**, Drøbak, Norway, all trained anaesthesiologist and **Poul Kongstad** from Lund, Sweden, a neurosurgeon, all run extensive physician manned EMS systems, and spend most of their time with pre-hospital emergency medicine. Together with other contributors they will discuss:

- The use of emergency physicians as a part of the pre-hospital team. Physician in the pre-hospital setting is not only a matter of ALS vs BLS, but also quality of triage and decision-making.
- Implementing protocols and decision tools for pre-hospital work and interventions
- How to organise pre-hospital trauma care in a region; Pitfalls and success factors.



We have called one session Air ambulance services – cool guys, fancy toys, but also more? The Director of Medicine and Health Professions, The Norwegian Air Ambulance, **Jan Erik Nilsen** will be joined by 1-2 other facilitators to make sure the discussion take-off. Some of questions that will be addressed are:



- Air ambulance services - do they really make any difference? A view from down under and up north. **Per Bredmose**, Denmark.



- Implementing a national air ambulance service in Denmark - why?
- Rural and urban air ambulance services - two of a kind? **Audun Langhelle**, Norway
- Can specialised nurses replace the physician in the air ambulance service?

What kind of trauma training do we need in the future? Should we train the surgeon, the doctor, the nurse or the whole team? To debate this we have invited many international experts and believers in different concepts.

ATLS and PHTLS: **Per Örtengwall**, Sweden, **Sindre Mellesmo**, Norway. BEST: **Guttorm Brattebø**, Norway. ETC: **Carl Gwinutt**, UK, **Freddy Lippert**, Denmark. DSTC: **Tina Gaarder**, Norway

**MEET, HAVE FUN, SHARE IDEAS AND LOOK INTO THE FUTURE OF TRAUMA, RESUSCITATION AND EMERGENCY MEDICINE!**



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