Section of Surgery UEMS
STOCKHOLM

20.9.2014
Division of Trauma Surgery
Topics

• European Training Requirements
  Trauma Surgery

• European guidelines

• Trauma registries

• Decade of road safety

• EBSQ Trauma Surgery Oct. 31st
Training Requirements for Trauma Surgery
European Standards of Postgraduate Medical Specialist Training
(old chapter 6)
The management of hip fracture in adults
The Utstein template for uniform reporting of data following major trauma: A joint revision by SCANTEM, TARN, DGU-TR and RITG

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Trauma Systems in the UK

Since the formation of the Trauma Networks there has been rapid change in the way that patients with major injury have been managed in the UK. The London trauma system was the first to go live in 2010 (http://www.londontraumaoffice.nhs.uk/london-trauma-system/), and since then Trauma Centres and Systems have been designated across England (http://www.nhs.uk/NHSEngland/AboutNHS/services/EmergencyAndUrgentCareServices/Pages/MajorTraumaServices.aspx). When completed this transformation of trauma care will concentrate patients in a relatively few major centres.
The Utstein European Core Dataset

**Patient**
- age
- gender
- pre ASA

**Accident**
- type of injury
- mechanism
- intention

**Injuries**
- AIS codes of all injuries: ISS, NISS

**At scene**
- cardiac arrest
- GCS
- SBP
- RR

**Admission**
- GCS
- SBP
- RR
- base excess
- INR

**Outcome**
- ventilator days
- hospital days
- survival
- discharge destination
- GOS

**System**
- time to scene
- time to hospital
- level of prehosp. care
- airway management
- transportation
- emergency intervention
- trauma team activation
- hospital transfer
- hospital level
- time to first CT
- time to first emerg. interv.
- time to normal BE
Cases per year

- Inclusion criteria:
  - Admission alive via emergency room
  - Need for intensive care
- 1993 – 2012: 123,317 cases
Trauma Registry  DGU 2014

- Patients 159,449
- Patients 2013 34,878
- Blunt Trauma 95.2%
- ISS 18.3 > 16 53%
- Mortality 10.3%
- Whole body CT 67%
- Age 46.7

Head injury
Monitoring a decade

• UN GA resolution 54/255 in 2010 called for a Decade of Action for Road Safety (2011–2020).
• Status reports to be used as a monitoring tool for the Decade.
AFRICA HAS HIGHEST ROAD TRAFFIC DEATH RATES PER 100 000 POPULATION
**Recommendations**

- The pace of legislative change is too slow: *increase adoption of comprehensive laws*. *Distracted driving*
- **Enforcement of strong road safety laws** is essential for success and should be coupled with public awareness.
- Reducing road traffic deaths requires *more consideration of the needs of pedestrians, cyclists & motorcyclists*.
- Also need to make *infrastructure safer*, implement crash testing standards, as well as *improve post-crash care and road safety databases*.
WHO calls for coordinated action to reduce suicides worldwide

- **800000 /year** (pesticide poisoning, hanging, firearms are most common)
- Rates are **highest** in people aged **70 years** and over, more men
- **2nd leading cause** of death in **15-29 year-olds** globally
- **Prevention:** Reducing access to means of suicide, responsible reporting of suicide in the media, avoiding description of methods used, follow up care by health workers