Acute biliary diseases: Stones and nightmares
Tandem Session
1. Severe acute cholecystitis, percutaneous drainage or subtotal cholecystectomy?
2. Is there anything else someone can do?
3. Economical impact of acute biliary disease on general surgery
4. Bile duct injury 0%
5. Management of bile duct stones. Do surgeons still have a role? Rendez vous?
6. Case presentation
   + Panel discussion & Take-Home message

Acute Care Surgery Units
ICL
1. Challenges in building an Acute Care Surgery Unit
2. How do we train surgeons in Acute Care
3. Is it a charming Cinderella? How to raise interest in Acute Care
4. Economical advantages of ACS units
5. Board Certification

Acute diverticulitis
Battle Session
1. Laparoscopy vs. Interventional
2. Lavage & Drainage vs. Surgical resection
3. Hartmann vs. Damage Control and Reconstruction
4. Case Presentation
   + Panel discussion

Case Scenario with Panel Discussion: Emergency Surgery

Consensus on POCUS (Point of Care in Ultrasound)

Surgical Critical Care in the septic patient
Battle Session
1. Use and abuse of open abdomen in Peritonitis
2. Use and abuse of CT Scan on post-operative complications
3. Vasopressors & enteral nutrition
4. Case Presentation
   + Panel discussion & Take-Home message

Upper GI Bleeding
ICL with Case presentation
1. Gastroenterology input
2. Interventional radiology
3. Resuscitation – who is “stable”? 
4. Surgical input
5. Case presentation
   + Panel discussion & Take-Home message
Military & Disaster

Conflicts and health
Tandem session
1. Open Space for new event.
2. Confronting civilian victims of war and disasters
3. Novel techniques to be used in next conflict
4. Tourniquets in civilian settings
5. Long term results of military casualties
6. Stab wound zone 1 neck injuries

Controversies in Disaster & Military medicine
Battle Session
1. Scoop & run vs Stay & play
2. Civilian injured in warzones Military/Civilian dilemma
3. Forward surgical team – Pros & Cons
4. CT scans in mass casualties

Disaster medicine, is it a surgical problem?
Round Table
1. Surgery in austere envirolment, is there a limit
2. Meeting surgical needs in austere enviroment
3. Surgical outcome and advocacy
4. Round table – what should surgeons train for
   a. Maritime disasters
   b. Avalanches Dominik Heim, Switzerland
   c. Refugees in camps in Turkey
   d. Refugees migrants in the Mediterranean
   e. Refugees on the move

Military vs. civilian experience in the treatment of victims of explosions
ICL
1. Outcomes of consensus meeting in Israel (2008) and in Spain (2009) on the treatment of the victim of explosion (12 minutes)
2. Airway breathing management
   a. The military experience
   b. The civilian experience
3. Circulatory management
   c. The military experience
   d. The civilian experience
4. Injuries by biologic foreign bodies

Protection of health critical infrastructure
Case Presentation
1. Is the health critical infrastructure a target
2. What does the health critical infrastructure need to be more secure (SOTA)
3. Case Presentation
   a. hospital under fire
   b. ICRC under fire
   c. MSF under fire
4. What do we need to be prepared for terrorist attacks in Europe

**Recent disasters: Lessons learned – implications on EMS and hospital response**

*ICL and Panel discussion*

1. Spain
2. UK
3. France
4. Sweden
5. Germany
6. Belgium
7. Turkey

*Panel discussion*
Polytrauma

Case Scenario with Panel Discussion: Polytrauma

Damage Control Orthopaedics in Extremity Injuries

ICL with Case presentation

1. Open tibial shaft fractures: Pro nail
2. Open tibial shaft fractures: Pro external fixator
3. Vascular injuries: limb salvage strategies
4. Soft tissue defects: Indication for Vacuum assisted closure
5. Soft tissue defects: Indications for amputation or primary flap
6. Case presentation

Definition Polytrauma revisited

ICL

1. Usage of scoring systems for the definition of polytrauma
2. What was published from the German Trauma Registry
3. Influence of the TARN data on the management of polytrauma in Berne
4. Usage of scoring systems in the ICU
5. Translational research for polytrauma

Trends in geriatric trauma

ICL with Case Presentation

1. Developing of geriatric trauma centre
2. Intensive care of polytrauma patient
3. Pelvic ring insufficiency fracture – why and how to fix
4. Periprosthetic acetabular fractures - fix or replace the cup
5. Case presentation of a civilian elderly trauma patient

Panel discussion & Take-Home message
Skeletal trauma & Sports medicine

Acute Elderly Patient - Reconstruction vs. Arthroplasty

Battle Session
1. Femoral neck fracture: fixation vs. Femoral neck fracture: arthroplasty
2. Extra-articular proximal femur fracture: intramedullary nailing vs extra medullary device
3. Proximal humerus fractures: reconstruction vs arthroplasty

Bleeding control in pelvic trauma

Battle Session
1. Pelvic Binder: Pros vs. Cons
2. Indication for REBOA
3. Indication for vascular control and/or pelvic packing
4. Angiography/Embolization with or without CT angio
   + Take-Home message

Case Scenario with Panel discussion: Pseudoarthrosis and Infections (Failure and complex cases)

Debate in spinal injuries

ICL
1. Polytrauma and spinal injuries
2. Timing of decompression
3. Cervical spine: anterior or posterior fixation
4. Rule of navigation for pedicle screws in trauma
5. Posterior and/or anterior fusion in thoracic/lumbar spine
6. Initial and definitive treatment concepts of displaced sacral fractures

New developments in skeletal trauma care

ICL
1. Preoperative Planning and custom made implants
2. News in MIPO techniques
3. Alternative approaches in acetabular surgery (pararectus and surgical hip dislocation)
4. Cement augmentation for implants
5. Balloon osteoplasty for impaction in articular fractures
6. Role of mensenchymal stem cells in orthopaedic practice

Updates in foot and ankle fractures

ICL with Case Presentation
1. Malleolar fractures
2. Calcaneus fracture
3. Talus fracture
4. Chopart/ Lisfranc injuries
5. Foot fractures in vasculopathy
6. Case presentation
   + Take-Home message
Visceral Trauma

Case scenario with Panel Discussion: Operative vs. Non-Operative

Critical injured patient, how to prioritize?

*ICL with Case Presentation*
1. Junctional injuries – how to prioritize
2. Torso vascular injuries – who needs operation vs. role for endovascular
3. Blunt vs penetrating injuries – difference in approach
4. The ischemic extremity in the critically injured patient
5. Case presentation
   + Panel discussion & Take-Home message

Damage control principles in Resuscitation

*ICL with Case Presentation*
1. Achievable vs optimal Resus algorithms
2. Trauma induced coagulopathy
3. The future of damage control
4. Case presentation
   + & Take-Home message

Open Abdomen

*ICL with Case Presentation*
1. Success factors for optimal outcome. How to optimize abdominal closure rates?
2. Complex abdominal wall reconstruction – a place for creativity?
3. Enteroatmospheric fistulae – prevention and treatment
4. Case presentation
   + Panel discussion & Take-Home message

Severely injured child

*ICL with Case Presentation*
1. Solid organ injuries in children – an update
2. How do children differ from adults during resuscitation and in ICU
3. The ideal institution for the severely injured child in Europe
4. Displaced shaft fractures: ESIN or external fixator
5. Indications for acute surgical treatment of articular fractures
6. Case Presentation

The ideal team leader

*Tandem session*
1. The surgeon
2. The emergency physician
3. The Orthopaedic surgeon
4. The anaesthesiologist
   + Panel discussion with Voting
Torso above diaphragm

**Battle Session**

1. Emergency Room thoracotomy
2. Prehospital clamshell thoracotomy, really?
3. Surgical rib fixation: Nice to do vs. makes a difference?
4. Critical care treatment challenges in the severe chest injury
5. Case presentation
   + Panel discussion & Take-Home message
Combined Sessions

**Bleeding and Resuscitation**

**ICL: Polytrauma & Visceral Trauma**
1. Non-invasive monitoring of resuscitation in trauma (18 min)
2. Limitations of REBOA
3. Injured Jehovahs witness
4. Use of blood products in massive transfusion

**Complex pelvic fractures**

**ICL with Case Presentation: Skeletal Trauma & Visceral Trauma**
1. Associated abdominal injuries: the acute care surgeon view
2. Associated injuries, the orthopaedic surgeon view
3. Urogenital Trauma
4. Rectal injuries and the role of fecal diversion in pelvic trauma
5. Case presentation
   + Take-Home message

**Education for Trauma: What’s really needed?**

**ICL: Polytrauma & Visceral Trauma**
1. Trauma surgeons (UEMS)
2. How to train your trauma team?
3. ATLS or ITLS?
4. ETC and NTC
5. Polytrauma course update

**Remaining and new challenges in trauma care**

**ICL with Panel Discussion: Polytrauma & Visceral Trauma**
1. Efficiency of trauma prevention programmes
2. Incomplete trauma centers and split functions
3. Surgical sub-specializations – how to overcome the threat to trauma?
4. Rehabilitation programmes work / the evidence
   + Panel discussion