



17th European Congress of Trauma & Emergency Surgery



Scientific Programme as of February 24, 2016

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Organising Committee

- Stephanie Arbes (Vienna, Austria)
- Richard Kdolsky (Vienna, Austria)
- Roman Ostermann (Vienna, Austria)
- Hans-Christoph Pape (Aachen, Germany)
- Andreas Shamiyeh (Linz, Austria)
- Harald Widhalm (Vienna, Austria)
- Eric Voiglio (Lyon, France)

Sunday, April 24, 2016

Sunday, April 24, 2016

08:30 – 10:00

Room Strauss

ICL

Bleeding

Chairs: Tina Gaarder, Oslo/NO & Andreas Shamiyeh, Linz/AT

1. Pre-hospital management of haemorrhagic shock
Gareth Davies, London/UK
2. Haemorrhagic shock - past; present, future
Tina Gaarder, Oslo/NO
3. Massive blood transfusion
David Muckart, Durban/ZA
4. New clotting agents
Andreas Shamiyeh, Linz/AT
5. Vascular and endovascular damage control in massive bleeding
Giannis Kakisis, Athens/GR

08:30 – 10:00

Room Stolz

Keynote Session

Sports medicine – upper extremity

Chairs: Dominik Heim, Frutigen/CH & Roman Ostermann, Vienna AT

1. *Keynote Lecture: Typical injuries in Summer & Winter sports*
Rebecca Hasler, Frutigen/CH
2. O001 - Injuries of the upper extremity and prevention in equine related sports.
M. Bielefeld, C. Schröter, A. Schulte-Sutum, D. Bielefeld, P. Mommsen, C. Krettek, C. Zeckey; Hannover, DE
3. O002 - „The LabralBridge“ - A Novel Technique for Arthroscopic Anatomic Knotless Bankart Repair
R. Ostermann, M. Hofbauer, P. Platzer; Vienna, AT
(Nominated for Best Oral Award)
4. O003 - Clinical outcome and pain relief after arthroscopic repair of isolated type II SLAP lesions – The progress over time
S. Bösmüller¹, T. Tiefenboeck¹, M. Hofbauer¹, A. Bukaty¹, G. Oberleitner², W. Huf¹, C. Fialka¹;¹Vienna, AT, ²St. Poelten, AT
5. O004 - Plate fixation versus nonoperative treatment for displaced midshaft clavicular fractures: a randomized controlled trial
S. Woltz¹, S. Stegeman², P. Krijnen², B. van Dijkman³, T. van Thiel⁴, N. Schep⁵, P. de Rijcke⁶, J.P. Frölke⁷, I. Schipper²; ¹Den Haag, NL, ²Leiden, NL, ³Almere, NL, ⁴Winterswijk, NL, ⁵Amsterdam, NL, ⁶Capelle Aan Den IJssel, NL, ⁷Nijmegen, NL
6. O005 - Minimal invasive plate osteosynthesis in midshaft clavicular fractures
P. Kornherr, K. Wenda; Wiesbaden, DE
7. O006 - Rapid Prototyping in Clavicle Fractures repair: clinical study
R. van Doremalen¹, J. Kootstra², S. van Helden³, E. Hekman⁴; ¹Wijbosch, NL, ²Meppel, NL, ³Zwolle, NL, ⁴Enschede, NL

08:30 – 10:00

Room Lehar 1

Keynote Session

Education and Training

Chairs: Pedro Ramos, Funchal/PT & Miriam Rüsseler, Frankfurt/DE

1. *Keynote Lecture: Development of surgical competencies*
Miriam Rüsseler, Frankfurt/DE
2. O007 - Remote surgical education - can surgical skills be taught remotely?
W. English¹, V. Buckle², O. Trampleasure², A. Jawad², S. ahmed²; ¹London, GB, ²Bb, GB
3. O008 - Severity, social and educational profile of the caregiver and the child victim of unintentional trauma

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injuries. A study conducted by NGO Criança Segura - Safe Kids Brazil

S. Abib, A. Françaia, R. Waksman, M. Dolci, H. Guimarães, F. Moreira, M. Cezillo, A. Júnior; São Paulo, BR

4. O009 - Can we balance service provision and emergency general surgical training? A trainees' Perspective
V. Shatkar¹, P. Leung², D. Mukherjee²; ¹Romford, London, GB, ²Romford, GB
5. O010 - The need for a continuous educational program: the results after 1 year of Clinical Pathway on Acute Calculus Cholecystitis
M. Pisano, A. Allegri, M. Ceresoli, F. Coccolini, A. Harbi, M. Lotti, S. Magnone, R. Manfredi, G. Montori, D. piazzalunga, E. Poiasina, L. Ansaloni; Bergamo, IT
6. O011 - The training and provision of personal protective equipment for vascular trainees in the UK: A re-audit into Ionising Radiation (Medical Exposure) Regulations
C. Dover¹, S. Goodyear²; ¹Craven Arms, GB, ²Worcester, GB
7. O012 - Quality management of acute care surgery training program based on PDCA cycle
K. Murata¹, Y. Otomo², K. Fushimi²; ¹8519, JP, ²Tokyo, JP
8. O013 - Mass catastrophe training in a civil university hospital, 5 years after start of polytrauma management.
A. Visnakovs, S. Stabina, A. Kaminskis; Riga, LV
9. O014 - Bedside Extended Focused Assessment Sonography for Trauma training for undergraduate medical students
F. Abu-Zidan, Al-Ain, AE

08:30 – 10:00

Free Paper Session

Politics

Chairs: Fernando Turegano, Madrid/ES & Christian Fialka, Vienna/AT

Room Lehar 2

1. O015 - Why are we so unconsciously insecure? The THREATS Project
R. Faccincani¹, M. Carlucci¹, G. Monti¹, S. Vicini¹, C. Morey², M. Massey², C. Arculeo², C. Dakin², R. Dobson², F. Della Corte³, P. Ingrassia³, A. Djalali³, A. Guinet⁴, I. Ashkenazi⁵; ¹Milano, IT, ²London, GB, ³Vercelli, IT, ⁴Lyon, FR, ⁵Hadera, IL
2. O016 - Narcotic overprescribing and abuse
D. Easley, K. Himschoot, S. Kibbe; Louisville, US
3. O017 - Plastics Operative Workload in Major Trauma Centres: a National Prospective Survey
K. Young, S. Hendrickson, G. Phillips, M. Gardiner, S. Hettiaratchy; London, GB
4. O018 - Pediatric Trauma Scores – Systematic Review and Needs Assessment in Low-Resource Settings
E. St-Louis¹, J. Séguin², T. Landry², D. Deckelbaum², R. Baird², T. Razeq²; ¹Montreal, CA, ²Montreal, QC/CA
5. O019 - A decade of Advanced Trauma Life Support Training in the United Arab Emirates: Lessons learned
F. Abu-Zidan¹, S. Gautam², F. Branicki¹; ¹Al-Ain, AE, ²Fujairah, AE
6. O020 - Loss to follow-up in orthopaedic trauma: fact or fiction?
B. Zelle¹, J. Somerson¹, K. Bartush¹, J. Shroff¹, M. Bhandari²; ¹San Antonio, TX/US, ²Hamilton, ON/CA
7. O021 - The Austrian Hand Prevention Campaign to avoid hand injuries
M. Leixnering, C. Pezzei, J. Jurkowitsch, C. Szolarz, S. Quadlbauer, T. Hausner; Vienna, AT
8. O022 - Prevention strategies and cost analysis of complex hand injuries
S. Quadlbauer, C. Pezzei, J. Jurkowitsch, C. Szolarz, T. Hausner, M. Leixnering; Vienna, AT

Sunday, April 24, 2016

08:30 – 10:00

Room Schubert 1

Guest Symposium Küntscher Society

Myth Busters in IM Nailing

Chairs: Jan Verbruggen, Maastricht/NL & David Seligson, Louisville/US

1. Historic perspective: Lottes' concept of intramedullary nailing of the tibia
David Seligson, Louisville/US
2. IM reaming and nailing, still a concern for fat embolism?
Peter Giannoudis, Leeds/UK
3. Does open nailing increase the risk of infection?
Rüdiger Haase, Berlin/DE
4. Humeral Nailing: a trigger for non-union?
Jan Verbruggen, Maastricht/NL
5. Grade IIIb open tibia fractures: Is Nailing contraindicated?
Georg Gradl, Munich/DE
6. Antegrade Nailing of the humerus: Detrimental for the rotator cuff?
Roland Biber, Nürnberg/DE

08:30 – 10:00

Room Schubert 2

Keynote Session

Geriatrics

Chairs: Diego Mariani, Milan/IT & Manfred Greitbauer, Vienna/AT

1. *Keynote: Palliation in malignant gastric outlet obstruction*
Diego Mariani, Milan/IT
2. O023 - Outcome of Polytraumatized Geriatric Patients in a Level One Trauma Center
M. Hofbauer, M. Winnisch, T. Tiefenböck, J. Jöstl, S. Hajdu; Vienna, AT
3. O024 - Injury Patterns, Causes and Outcomes of Geriatric Multitrauma Patients – An analyses of trauma registries.
R. de Vries, M. El Mounni, I. Reininga, K. Wendt; Groningen, NL
4. O025 - Does the first hospital providing care determine the outcome of geriatric trauma patients?
M. Fröhlich¹, R. Lefering², P. Koenen², A. Driessen², B. Bouillon², A. Wafaisade²; ¹Köln, DE, ²Cologne, DE
5. O026 - Geriatric polytrauma patients with severe pelvic fractures: Comparison with younger adult patients.
S. Kanezaki, M. Miyazaki, N. Notani, H. Tsumura; Yufu, JP
6. O027 - Diabetes and mortality in orthogeriatric neck of femur fracture patients
O.S. Thein, K. Dasari, E. Hiron; West Bromwich, GB
7. O028 - The burden of infection in polytraumatized geriatric trauma patients
C. Weber¹, C. Herren¹, R. Pfeifer¹, K. Horst¹, F. Hildebrand², M. Knobe¹, H. Pape¹; ¹Aachen, DE, ²Marburg, DE
8. O029 - Bacteriuria and urinary tract infection associated with proximal femur fractures
M. Tomaževič, G. Makovec, A. Fischinger, M. Cimerman, M. Veselko; Ljubljana, SI

10:30 – 12:00

Room Strauss

ICL

Mangled extremity in war, disaster and civil

Chair: Bore Bakota, Zagreb/HR & Stephan Domayer, Zicksee/AT

1. Management of mangled extremity in military setting
Frederic Rongieras, Lyon/FR
2. Limits of reconstruction
Alex Lerner, Zerfat/IL
3. How to perform correct amputation?
Thomas Hölzenbein, Salzburg/AT
4. How to train performing a correct amputation
Mark Bowyer, Fairfax/US
5. Bionic Prosthesis - where are we now?
Oskar Aszmann, Vienna/AT

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10:30 – 12:00

Room Stolz

ICL

Complicated cholecystitis

Chairs: Hayato Kurihara, Milan/IT & Andreas Pentsch, Linz/AT

1. Endoscopic treatment of acute cholecystitis in fragile patients
Andrea Anderloni, Rozzano/IT
2. Laparoscopic cholecystitis when convert - when directly open?
Reinhold Függer, Linz/AT
3. A new preoperative severity scoring system for acute cholecystitis
Peter C. Ambe, Wuppertal/DE
4. Modern management of Mirizzi syndrome
Michael Sugrue, Letterkenny/IE
5. Acute Cholecystitis and biliary stones: what strategy?
George Velmahos, Boston/US

10:30 – 12:00

Room Lehar 1

Keynote Session

Innovations

Chairs: Heinz Redl, Vienna/AT & William Cioffi, Providence/US

1. *Keynote lecture: Biomarkers in trauma and sepsis*
Soheyl Bahrami, Vienna/AT
2. O030 - APOSEC treatment improves outcome following trauma & haemorrhage in rats
C. Penzenstadler, M. Ashmwe, A. Bahrami, A. Klotz, M. Jafarmadar, M. Kasiri, H. Ankersmit, H. Redl, S. Bahrami; Vienna, AT
(Nominated for Best Oral Award)
3. O031 - Therapeutic hypothermia and its effect on systemic and local inflammation - results from a porcine model of combined trauma
K. Horst¹, D. Eschbach², R. Pfeifer¹, M. Sassen², T. Steinfeldt², H. Wulf², N. Vogt³, M. Frink², S. Rucholtz², H. Pape¹, F. Hildebrand²; ¹Aachen, DE, ²Marburg, DE, ³Gießen, DE
(Nominated for Best Oral Award)
4. O032 - Non-invasive, Individual-specific, Real-time Trending of Significant Human Blood Loss
S. Moulton¹, J. Mulligan², M.A. Santoro³, K. Bui³, G. Grudic², D. MacLeod³; ¹Aurora, US,²Boulder, CO/US, ³Durham, US
5. O033 - The IL-33/ST2 pathway in polytraumatized patients and its potential role as novel biomarker
T. Haider, E. Simader, T. Heinz, S. Hajdu, L. Negrin; Vienna, AT
6. O034 - Serum Troponin In Patients With Traumatic Brain Injuries: Implications And Outcomes
A. El-Menyar, H. Al-Thani, H. Abdelrahman, R. Peralta, M. Ellabib; Doha, QA
(Nominated for Best Oral Award)
7. O035 - Female patients have lower early systemic IL-6 levels and less SIRS and sepsis after major trauma
K. Mörs, O. Braun, B. Relja, I. Marzi; Frankfurt, DE
8. O036 - Might exogenous leptin serve as therapeutic agent for the treatment of septic traumatized patients?
L. Negrin¹, A. Jahn², M. van Griensven²; ¹Vienna, AT, ²Munich, DE
9. O037 - Targeted antioxidant treatment with mitochondrial ROS-scavengers SKQ1 and MitoTEMPO is detrimental in the mouse abdominal sepsis
P. Rademann¹, A. Weidinger², S. Drechsler², A. Klotz², M. Jafarmadar², J. Zipperle², A. Hacobian², S. Dumitrescu², S. Bahrami², A. Kotzlov², M. Osuchowski²; ¹Wien, AT, ²Vienna, AT

10:30 – 12:00

Room Lehar 2

Keynote Session

Chest injuries

Chairs: Georgiou Chrysantos, Nicosia/CY & Eric Voiglio, Lyon/FR

1. *Keynote lecture: Management of life-threatening chest trauma*
Frank Hildebrand, Aachen/DE

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2. O038 - Population-based investigation of traumatic vascular injuries in Estonia: 353 consecutive cases analysed
I. Soosaar¹, S. Saar¹, A. Lomp², J. Laos¹, M. Laht², V. Mihnovits², R. Shalkauskas², M. Väli², T. Lustenberger³, U. Lepner², L. Kukk¹, J. Starkopf², P. Talving¹; ¹Tallinn, EE, ²Tartu, EE, ³Frankfurt, DE
3. O039 - Needle thoracostomy for tension pneumothorax: Is there a point?
N. Owens¹, P. Healy¹, M. Quirke¹, G. Bass¹, B. Monroe²; ¹Dublin, IE, ²Houston, TX/US
4. O040 - Resuscitative Endovascular Occlusion of the Aorta Improved In-Hospital Mortality of Surgically Treated Torso Trauma Patients with Non-Compressive Hemorrhage in Comparison of Aortic Cross Clamp –A Instrumental Variable Analysis
A. Shiraishi, M. Yagi, Y. Otomo; Tokyo, JP
5. O041 - Emergency department thoracotomy in a Western European level 1 trauma center
A. Piccinini, S. Di Saverio, L. Di Donato, A. Biscardi, A. Birindelli, M. Mandrioli, D. Beghelli, S. Villani, S.N. Forti Parri, K. Kawamukai, G. Tugnoli; Bologna, IT
6. O042 - Surgical stabilization of combined flail chest injuries and clavicular fracture – a case series of costoclavicular injuries
A. Langenbach¹, S. Krinner¹, S. Grupp¹, F.F. Hennig¹, S. Schulz-Drost²; ¹Erlangen, DE, ²Berlin, DE
7. O043 - Surgical treatment of associated thoracic trauma and shoulder girdle fractures
V. Kusturov, A. Kusturova; Chisinau, MD
8. O044 - Our experience of the use of invasive and non-invasive analgesia in the management of thoracic trauma at a major trauma centre
M. Elniel, L. Clarke, H. Oakley, E. Bain, N. Misra; Liverpool, GB
9. O045 - Blunt traumatic diaphragmatic injury: data on 231 patients identified in the Israeli National Trauma Registry
A. Mahamid¹, K. Peleg², A. Givon², R. Alfici¹, A. Younis¹, I. Israeli Trauma Group², I. Ashkenazi¹; ¹Hadera, IL, ²Tel Hashomer, IL

10:30 – 12:00
Resident Session

Room Schubert 1

Fellowships - Opportunities to broaden your horizon?

Chairs: Gerhard Achatz, Ulm/DE & Michael Humenberger, Vienna/AT

1. Orthopedic: Different Fellowships – Different Opportunities
Michael Humenberger, Vienna/AT
2. Trauma: Impressions from South Africa - valuable and sustainable
Gerhard Achatz, Ulm/DE
3. Research: Focusing on a career building block
Marcus Hofbauer, Vienna/AT
4. Médecins Sans Frontières: A slightly different time
Michael Osti, Feldkirch/AT
5. ESTES – Fellowship: A possible Option for the Future?
Pol M. Rommens, Mainz/DE

10:30 – 12:00
Guest Symposium EFOS

Room Schubert 2

Top Athletes – when first surgery fails

Chairs: Gernot Felmet, Villingen-Schwenningen/DE & Gian Luigi Canata, Torino/IT & Henrique Jones, Montijo/PT

1. Outcome after Ligament revision in Athletes
Pericles Papadopoulos, Thessaloniki/GR
2. Knee Re-Trauma – how to treat the high level
Henrique Jones, Montijo/PT
3. ACL and PCL revision- technique and rehabilitation
Gernot Felmet, Villingen-Schwenningen/DE
4. Second trauma with instability of the shoulder

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- Gian Luigi Canata, Torino/IT
5. Focal lesion in Athletes – current management
Burt Klos, Schijndel/NL

12:00 – 12:30 Invited Lecture Overcoming adversity and living with a disability Heather Mills	Room Strauss
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14:00 – 15:30 ICL Severe Pelvic Trauma Chairs: Eric Voiglio, Lyon/FR & Hans-Christoph Pape, Aachen/DE	Room Strauss
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1. Indication and Limitation of pelvic binders
Eric Voiglio, Lyon/FR
2. Packing
Georg Thewanger, Linz/AT
3. Fixation techniques - is there a value of emergency screw fixation?
Hans-Christoph Pape, Aachen/DE
4. Timing of reconstruction
Anthony Rhorer, Phoenix/US
5. Quality of life after severe pelvic trauma
Karin Gstaltner, Klosterneuburg/DE

14:00 – 15:30 Keynote Session Malignant colonic obstruction Chairs: Beuran Mircea, Bucharest/RO & Manfred Prager, Vienna/AT	Room Stolz
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1. *Keynote Lecture: What can be solved laparoscopically?*
Manfred Prager, Vienna/AT
2. *Keynote Lecture: Emergency operation – stoma or no stoma?*
Eugen Dorin Popa, Bucharest/RO
3. O046 - Emergency colectomy for cancer: an adverse factor for appropriate oncologic surgery?
M. Modesti, D. Tartaglia, D. Gianardi, F. Cascione, L. Cobuccio, I. Cengeli, A. Bertolucci, C. Galatioto, M. Chiarugi; Pisa, IT
4. O047 - Emergency Surgical Management and Outcome of Complicated Colorectal Cancer in the Elderly at a Tertiary Hospital
C.A. Menegozzo, F. Teixeira, M. Rocha, S. Couto Netto, T. Andrade Lima, E. Akaishi, C. Bernini, E. Utiyama; Sao Paulo, BR
5. O048 - Emergency Surgical Oncology in a Dedicated Cancer Centre
P. Martins, L. Rego, J. Abreu de Sousa; Porto, PT
6. O049 - Large bowel obstruction due to colorectal cancer and lymph node clearance: a results of a standardized resective strategy
P. Fransvea, B. Frezza, G. Costa, G. Balducci; Roma, IT
7. O050 - A rare cause of acute abdominal pain: Actinomyces infection of colon mimicking a malignant neoplasm due to intrauterine device
B. CANBAY TORUN, K. GOK, M. ILHAN, G. YEGEN, S. BASARAN, C. ERTEKIN, M.K. GÜNAY, H.T. YANAR; Istanbul, TR

14:00 – 15:30	Room Lehar 1
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Sunday, April 24, 2016

ICL

Surgery techniques in austere environments

Chair: Chris Giannou, GR & Luke Leenen, Utrecht/NL

1. Practise surgery with limited resources
Chris Giannou, GR
2. Surgery In austere environment, experience from Bosnia
Ismet Gavrankapetonovic, Sarajevo/BA
3. Is early surgery with disasters sensible?
Ofer Merin, IL
4. Surgery in austere environments, experience from MSD
Louis Riddez, Stockholm/SE
5. An alternative skin closure technique
Moris Topaz, IL

14:00 – 15:30

Room Lehar 2

Free Paper Session

Complications: extremity fractures

Chairs: Peter Simko, Bratislava/SK & Boris Zelle, San Antonio/US

1. O051 - Risk Factors for Infectious Complications after Open Fractures. A Systematic Review and Meta-analysis.
K. Kortram, P. Oprel, M. Verhofstad; Rotterdam, NL
2. O052 - Treatment of segmental bone infections- problems, results
O. LUPESCU, M. NAGEA, D. ZAMFIRESCU, A. DIMITRIU, M. COLTAN, N. CIUREA, C. DUMITRU; Bucharest, RO
3. O053 - RIA bone graft harvesting for the treatment of nonunion and defect fractures: preliminary results of a single centre experience.
G. Claes, W. Metsemakers, H. Hoekstra, S. Nijs; Leuven, BE
4. O054 - Is it possible to predict which femoral fractures will need dynamisation during the treatment using internal fixation?
M. Mitkovic, S. Milenkovic, I. Micic, M. Mitkovic; Nis, RS
5. O055 - High percentage of complications following dynamic locking plate fixation with the Targon® FN for intracapsular proximal femoral fractures: An analysis of risk factors
J. Güttler, F. Beeres, R. Babst, B. Link; Luzern, CH
6. O056 - Free tissue flaps in tibial plafond fractures
G. Luengo Alonso, C. Ojeda-Thies, J. Zorrilla Sanchez de Neyra, V. JIMENEZ, J. Aso Vizan, J. Palazon Cabanes, P. Caba Doussoux; Madrid, ES
7. O057 - Effect of infrapatellar nerve block on chronic anterior knee pain after tibial nailing; a randomized, double-blind, placebo-controlled study (INCOP)
M. Leliveld¹, S. Kamphuis², M. Verhofstad³; ¹Arnhem, NL, ²Ede, NL, ³Rotterdam, NL
(Nominated for Best Oral Award)
8. O058 - Is there a need for postoperative standardised radiographs after operative fixation of wrist- or ankle fractures?
F. Oehme, Luzern, CH
9. O059 - Complication rates of volar plating of distal radius fractures – a retrospective analysis of 576 consecutive cases
D. Waever¹, M. Lund², J. Rölfing², R. Thorninger²; ¹Aarhus C, DK, ²Aarhus, DK

14:00 – 15:30

Room Schubert 1

Sunday, April 24, 2016

Guest Symposium Österreichische Gesellschaft für Gefäßchirurgie

Principles and Problems in Interdisciplinary Management of Complex Upper Limb Trauma

Chair: Josef Klocker, Innsbruck/AT

1. The Trauma Surgeon 's View
Rohit Arora, Innsbruck/AT
2. The Interventional Radiologist 's View
Andreas Chemelli, Baden/AT
3. The Vascular Surgeon 's View
Josef Klocker, Innsbruck/AT
4. The Reconstructive Surgeon 's View
Robert Zimmermann, Innsbruck/AT

14:00 – 15:30

Room Schubert 2

Free Paper Session

Distinguished outstanding papers

Chairs: Demetrios Demetriades, Sierra Madre/US & Harald Widhalm, Vienna/AT

1. O060 - Exploring morbidity assessment for trauma patients: a pilot study of the Adapted Clavien-Dindo for Trauma (ACT) classification system
D. Naumann¹, N. Pearson², I. Smith¹, K. Porter¹, M. Midwinter¹; ¹Birmingham, GB, ²Shrewsbury, GB
(Nominated for Best Oral Award)
2. O061 - I-FABP is a novel marker for the detection of intestinal injury in severely traumatized patients
M. Voth, B. Relja, B. Auner, T. Lustenberger, I. Marzi; Frankfurt, DE
3. O062 - Changes of local microcirculation in soft tissues associated with hemorrhagic shock and surgical strategy (nailing versus external fixation)
R. Pfeifer, K. Horst, Z. Qiao, M. Teuben, R. Tolba, H. Pape; Aachen, DE
4. O063 - The Retrograde Tibial Nail - Anatomical Implantation and Surgical Feasibility Study
S. Kuhn, P. Rommens, P. Appelman; Mainz, DE
5. O064 - Structural Validity of the Short Musculoskeletal Function Assessment in Trauma Patients
M. De Graaf, I. Reininga, K. Wendt, M. El Moumni; Groningen, NL
(Nominated for Best Oral Award)
6. O065 - In vitro biomechanical characteristics of the porcine anterior cruciate ligament
M. Teuben, M. Pishnamaz, F. Hildebrand, H. Pape; Aachen, DE
(Nominated for Best Oral Award)
7. O066 - Reliability of the American Society of Anesthesiologists physical status rating for emergency gastrointestinal surgery
Y. Haga¹, T. Shichino², M. Hirao³; ¹Kumamoto, JP, ²Kyoto, JP, ³Osaka, JP
(Nominated for Best Oral Award)
8. O067 - Clinical outcome and muscular function after posterior stabilization of the thoracolumbar junction: An ultrasound controlled short-term follow-up
M. Pishnamaz¹, U. Schemmann¹, C. Herren¹, F. Hildebrand², H. Pape¹, P. Kobbe¹; ¹Aachen, DE, ²Marburg, DE
(Nominated for Best Oral Award)
9. O068 - Hyperchloremia is associated with 30-day mortality in major trauma patients
J.Y. Lee, Seodaemun-Gu, Seoul, KR
10. O069 - PJ-Trauma-Team - A "Blended Learning" Polytrauma Curriculum for Final Year Medical Students
S. Kuhn, P. Rommens; Mainz, DE

16:00 – 17:30

Room Strauss

Sunday, April 24, 2016

ICL

Myths & Truths in Emergency Surgery and Visceral Trauma

Chairs: Luke Leenen, Utrecht/NL & Andrew Peitzman, Pittsburgh/US

1. Indications of bilateral decompression craniectomy in acute head trauma
Richard Kdolsky, Vienna/AT
2. Value of exploratory laparotomy In the era of CT scan
Andrew Peitzman, Pittsburgh/US
3. Protective colostomy after a colonic penetrating trauma. Where the myth ends, what the evidences suggest
Demetrios Demetriades, Sierra Madre/US
4. Acute Cholecystitis - Timing of operation
Selman Uranues, Graz/AT
5. Surgical fixation of serial rib fractures
Luke Leenen, Utrecht/NL

16:00 – 17:30

Keynote Session

Joint Replacement in fracture care

Chairs: Andrew Baker, Durban/ZA & Franz-Josef Seibert, Graz/AT

Room Stolz

1. *Keynote: Shoulder*
Todd Moen, Dallas/TX
2. O070 - Proximal Humerus Fractures: What lessons have we learned in the last 10 years
S. Pretorius; Stellenbosch, ZA
3. *Keynote: Hip*
Harald Widhalm, Vienna/AT
4. O071 - Acute Fixation and Total Hip Replacement for the Management of Acetabular Fractures in Patients over 55
H. Arshad, F. Malagelda, P. Bates, P. Culpán; London, GB
5. O072 - Long term experience with Pipkin fractures and dislocations
D. Enchev, A. Baltov, M. Rashkov, M. Markov; Sofia, BG
6. O073 - Periprosthetic Fractures of the Femur - Changing the Treatment Paradigm?
A. Chelnokov¹, I. Piven¹, I. Shlykov¹, K. Piastoplulo¹, M. Horodyskyy²; ¹Ekaterinburg, RU, ²Aalborg, DK
7. O074 - Primary Arthroplasty with a Burch-Schneider antiprotrusion cage as a strong alternative to plate osteosynthesis for acetabular fractures in elderly
G. Timmel, D. Joos Bielez, M. Mousavi, R. Jaskulka; Wien, AT

16:00 – 17:30

Keynote Session

Mangled extremity

Chairs: Mark Bowyer, Fairfax/US & Gerald Wozasek, Vienna/AT

Room Lehar 1

1. *Keynote lecture: Prerequisites for reconstruction*
Gerald Wozasek, Vienna/AT
2. O075 - Salvage Nailing for Mangled Ankles
D. Seligson¹, K. Himschoot², C. Saccone¹, S. Kibbe¹; ¹Louisville, US, ²Louisville, KY/US
3. O076 - Vacuum therapy in complex injuries of the limbs
M. NAGEA, A. DIMITRIU, N. CIUREA, A. GROSU, M. COLTAN, O. LUPESCU; Bucharest, RO
4. O077 - Direct fasciotomy closure achieved more often with shoelace technique than without them in tibia fractures
P. Suomalainen, T. Pakarinen, I. Pajamäki, M. Laitinen, H. Laine, V. Mattila; Tampere, FI
5. O078 - Infection after Open Fractures- time from trauma to surgical debridement is the key factor
O. LUPESCU, M. NAGEA, A. DIMITRIU, M. COLTAN, N. CIUREA, A. GROSU; Bucharest, RO
6. O079 - Our experience in the use of the composite osteocutaneous free fibular graft for replacing complex gunshot tissue loss of the upper extremities

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M. Tkachenko, V. Khominets, V. Ivanov; Saint Petersburg, RU

7. O080 - Posttraumatic osteomyelitis

I. Gavrankapetanovic, Sarajevo, BA

16:00 – 17:30

Room Lehar 2

Keynote Session

Complications – Visceral Surgery

Chairs: Pantelis Vassiliu, Athens/GR & Heinz Wykypiel, Innsbruck/AT

1. Keynote Lecture: Malignant biliary obstruction
Stefan Stättner, Innsbruck/AT
2. Keynote Lecture: Malignant oesophageal obstruction
Heinz Wykypiel, Innsbruck/AT
3. O081 - Gastric Adenocarcinoma Related Gastric Perforation: Case Series of Single Institute in A Period of 16 Years
S.Y. Wang, Taoyuan, TW
4. O082 - Long-term survival after surgical treatment for perforated peptic ulcer
K. Thorsen, J.A. Søreide, K. Søreide; Stavanger, NO
5. O083 - The Risk Factors of the Requirement of Open Abdomen in the Patients Received the Damage Control Surgery
C. Fu, Taoyuan, TW
6. O084 - ERCP in the diagnosis and treatment of pancreatic trauma patients
S. Kim¹, T. Lee², K.S. Bae²; ¹701, KR, ²Wonju, Gangwon-Do, KR
7. O085 - Endovascular treatment of ruptured posterior inferior pancreaticoduodenal artery aneurysm
G. Ricci, P. riu, P. Sciacca, V. Miele, P. Marini; Rome, IT
8. O086 - Visceral pseudoaneurysms after hepatic and biliopancreatic surgery; report of a number of cases and review of literature.
A. Sánchez Arteaga, M. Orue-Echebarría González, L. Zarain Obrador, M. Cuadrado Ayuso, R. Franco Herrera, A. LusillaLópez, C. Rey Valcárcel, M.D. Pérez Díaz, F. Turégano Fuentes; Madrid, ES

16:00 – 17:30

Room Schubert 1

Keynote Session

Abdomen: Diverticulitis

Chairs: Sebastian Roka, Vienna/AT & Luca Ponchiatti, Torrevieja/IT

1. Keynote Lecture: Do we really follow our guidelines?
Sebastian Roka, Vienna/AT
2. Keynote Lecture: Treatment options in acute abdomens
Hayato Kurihara, Milan/IT
3. O087 - Quality of life following non-surgical treatment of acute diverticulitis
I. Tanase, S. Paun, I. Negoii, B. Stoica, B. Gaspar, M. Beuran; Bucharest, RO
4. O088 - Emergency Management Of Diverticulitis
A. Barkalaia¹, N. Tskhvedadze², Z. Chkhaidze²; ¹Birkirkara, MT, ²Tbilisi, GE
5. O089 - Diverticulitis: Videolaparoscopic Hartmann's resection and Single-port Hartmann's reversal through the stoma site.
E.A. adami, B. benini, A. giannella, A. liguori, G. Ricci, P. Marini; Rome, IT
6. O090 - A Single Center Experience of an Emergency Laparoscopic Hartmann's Procedure for Colorectal Perforation.
K. Sekiya, A. Shiraishi, T. Oka, Y. Otomo; Tokyo, JP
7. O091 - Patient-related and surgery-related prognostic factors in Hinchey III and IV acute peritonitis
G. Capelli, N. Tamini, L. Gianotti; Monza, IT

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8. O092 - New minimally invasive perspectives in emergency laparoscopy for the surgical treatment of complicated diverticulitis
M. Mandrioli, G. Tugnoli, A. Biscardi, A. Piccinini, A. Birindelli, L. Di Donato, E. Jovine, S. Di Saverio; Bologna, IT

16:00 – 17:30

Room Schubert 2

Keynote Session

Abdomen: Military surgery and austere environment

Chairs: Boris Hreckovski, Slavonski Brod/CR & Klaus Wolff, Vienna/AT

1. Keynote Lecture: The French experience with the 2 shooting incidents in Paris
Emmanuel Hornez, Paris/FR
2. O093 - Military Medical Support Chain: the importance of expeditious evacuation
T. van Dongen¹, J. de Graaf¹, L. Leenen¹, R. Hoencamp²; ¹Utrecht, NL, ²Den Haag, NL
3. O094 - 1. War surgery: managing perineal trauma in civil war-wounded
E. Solomonov, A. Braslavsky, A. Bukin, O. Efremov, A. Rapoport, A. Fedorenko, M. Vaskovic, W. Karim, I. Dashkovsky, S. Biswas, D. Fuchs; Galilee, IL
4. O095 - Cardiac war injuries, management of penetrating shrapnels to the heart
H. Bahuoth, Z. Bekerman, Y. Kluger, G. Bolotin; Haifa, IL
5. O096 - Assessment of the manageability of a disaster medical care system in Osaka City by a simulation of a Nankai Trough quake using a GIS
H. Yamamoto, Y. Kimura, Y. Mizobata; Osaka City, JP
6. O097 - A new protocol for war-wounded patients with improvised primary care in Syria
E. Solomonov, A. Braslavsky, A. Bukin, O. Efremov, A. Rapoport, A. Fedorenko, I. Dashkovsky, W. Karim, M. Vaskovic, S. Biswas, D. Fuchs; Galilee, IL
7. O098 - infect defect pseudarthrosis of tibia after gunshot wound - combined soft tissue and bone reconstruction in several steps - case report
G. Walter, G. Walter; Wien, AT
8. O099 - Practise of orthopaedic in austere environment of developing countries
M. Ahmad, R.M. Bashir; Chenab Nagar, PK

17:30 – 18:30

Room Strauss

Opening Ceremony

Monday, April 25, 2016

Monday, April 25, 2016

08:30 – 10:00

Room Strauss

ICL

Chest damage Control

Chairs: Clemens Aigner, Linz/AT & Francois Pons, Paris/FR

1. Resuscitative Thoracotomy
Eric Voiglio, Lyon/FR
2. Bronchotracheal Injuries
Clemens Aigner, Wien/AT
3. Acute respiratory failure following lung contusion
Luke Leenen, Utrecht/NL
4. Aortic dissection - when to switch to open surgery and what to do?
Zsolt Balogh, Newcastle/AU
5. Management of acute chest defects
Francois Pons, Paris/FR

08:30 – 10:00

Room Stolz

Keynote Session

Myths & truths: Surgical treatment of fractures of the ankle and talocalcaneal joint

Chairs: Andrej Cretnik, Ljubjana/SI & Inger Schipper, Leiden/NL

1. Keynote: Diabetes, neuropathy, vascular disease and osteoporosis: Does it matter?
Mujeeb Ashraf, GB
2. O100 - Demographic patterns and injury characteristics of patients with a calcaneal fracture in a regional trauma system
G. Alexandridis¹, A. Gunning¹, G. Van Olden², E.J. Verleisdonk¹, M. Segers³, L. Leenen¹; ¹Utrecht, NL, ²Amersfoort, NL, ³Nieuwegein, NL
3. O101 - Calcaneal fracture - nailing
J. März¹, M. Pompach²; ¹Karlovy Vary, CZ, ²Pardubice, CZ
4. O102 - Intramedullary nailing of calcaneal fractures - experience with C-nail
J. Pazour, M. Křivohlávek, R. Lukas; Liberec, CZ
5. O103 - Insertion of anteromedial wires in the application of a hind foot frame in distal tibial and calcaneal fractures
C. Kelly, S. Britten, P. Loughenbury, J. Clancy, P. Harwood; Leeds, GB
6. O104 - Calcaneal fracture: 3D as new generation imaging
D. Misselyn, Leuven, BE
7. O105 - Orif treatment of 54 displaced intra articular calcaneal fractures.
K. PAPAGIANNAKOS, G. FRAGKESKAKIS, P. KAKAVAS, K. BOSINAKIS, N. POTAMITIS, K. SOUBASSIS, S. SARAFPOULOS, I. KARNEZIS; Athens, GR
8. O106 - Syndesmotic reconstructions - evaluation using weightbearing CT
B. Gueorguiev¹, J. Hagen², R.G. Richards², M. Lenz³, P. Simons⁴, K. Klos⁴; ¹Davos-Platz, CH, ²Davos, CH, ³Jena, DE, ⁴Mainz, DE
(Nominated for Best Oral Award)
9. O107 - Treatment of Ankle Fractures with the locked intramedullary straight XS Nail in complex fractures, osteoporotic bone and soft tissue damage.
W. Friedl, Aschaffenburg, DE

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08:30 – 10:00

Room Lehar 1

Free Paper Session

Abdominal Emergencies

Chairs: William Cioffi, Providence/US & Selman Uranues, Graz/AT

1. O108 - Acute Mesenteric Ischemia: do we need to be faster? An algorithm proposal
M. Ceolin, C. Bertani, F. Mrakic Sposta, S. Mei, J. Guerrini, S.P.B. Cioffi, H. Kurihara; Milan, IT
2. O109 - Impact of systematic use of US-guided DPA in the management of abdominal emergencies
M. Zago¹, D. Mariani², A. Casamassima³, M. Marconi⁴; ¹Bergamo, IT, ²Legnano, IT, ³Milano, IT, ⁴Melzo, IT
3. O110 - Point of Care US. Are Acute Care Surgeon hands safe enough?
I. Martínez Casas¹, A. Landaluce², S. Ugarte², L. Ponchiatti¹, T. Nimmesgern¹, M.A. Amador³, F.J. Ibañez Aguirre²; ¹Alicante, ES, ²Usansolo, Bizkaia, ES, ³Jaén, ES
4. O111 - Decreasing Overutilization of Damage Control Laparotomy Decreases Mortality
B. Joseph¹, B. Zangbar¹, A. Azim¹, N. Kulvatunyou¹, A. Tang¹, T. O'Keeffe¹, R. Latifi¹, L. Gries¹, P. Rhee²; ¹Tucson, US, ²Tucson, AZ/US
5. O112 - Pre-Operative Designed Exploration Laparotomy In Solid Organ Blunt Trauma: A Novel Module Of Operative Management
M. Nasr, Hufof, Al Ahsa, SA
(Nominated for Best Oral Award)
6. O113 - Clinical Presentation, Management and Outcome of 58 adult patients with Bowel Volvulus
M. Al-Sulaiti, H. Al-Thani, N. Al Shaibani, A. El-Menyar, M. Asim, A. Tabeb; Doha, QA
7. O114 - Laparoscopic adhesiolysis in adhesive small bowel obstruction
M. Mandrioli, G. Tugnoli, A. Biscardi, A. Piccinini, A. Birindelli, L. Di Donato, E. Jovine, S. Di Saverio; Bologna, IT
8. O115 - CT can make the management of abdominal stab wounds much more proper
N. Kaneko, Fukaya, JP
9. O116 - Hollow viscus injury due to blunt trauma: a descriptive study of epidemiology and outcome in a large urban area
P. Fransvea¹, G. Costa¹, B. Frezza¹, L. Lepre², G. Balducci¹; ¹Roma, IT, ²Rome, IT

08:30 – 10:00

Room Lehar 2

ICL

Impact of mass migration and are we prepared for maritime disasters?

Chair: Per Örténwall, Vastra Frolunda/SE & Stefan Schulz-Drost, Berlin/DE

1. Hungarian Experience
Istvan Gargyan, Szeged/HU
2. Kompass, Capacity and organization in mass casualties on land
Hagen Andruszkow, Aachen/DE
3. Kompass, Capacity and organization in mass casualties on sea
Stefan Schulz-Drost, Berlin/DE
4. Preparedness for Scandinavian maritime disasters
Per Örténwall, Vastra Frolunda/SE
5. Israeli Experience in disaster management
Eran Tal-Or, Poriya/IL

08:30 – 10:00

Room Schubert 1

Guest Symposium Deutsche Gesellschaft für Unfallchirurgie

Actual concepts of complex injuries around the knee

Chairs: Ingo Marzi, Frankfurt/DE & Michael Nerlich, Regensburg/DE

1. Distal Femur Fractures
Johannes Rueger, Hamburg/DE
2. Patella Fractures
Volker Bühren, Murnau/DE

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3. Proximal Tibia Fractures
Christof Müller, Karlsruhe/DE
4. Knee dislocation: Management of additional intraarticular injuries
Michael Nerlich, Regensburg/DE
5. Periprosthetic Fractures around the Knee
Ingo Marzi, Frankfurt/DE

08:30 – 10:00

Room Schubert 2

Guest Symposium Österreichische Gesellschaft für Chirurgie (ÖGC)

Emergency Surgery due to Infection

Chair: Reinhard Függer, Linz/AT & Friedrich Herbst, Vienna/AT

1. Upper GI
Johannes Zacherl, Vienna/AT
2. Colorectal
Friedrich Herbst, Vienna/AT
3. Hepatobiliopancreatic
Reinhard Függer, Linz/AT
4. Hernia
Bernhard Dauser, Vienna/AT
5. Thorax
Florian Tomaselli, Linz/AT

10:30 – 12:00

Room Strauss

ICL

Interface between emergency and trauma

Chair: Hans-Christoph Pape, Aachen/DE & Tina Gaarder, Oslo/NO

1. Definition of trauma
Hans-Christoph Pape, Aachen/DE
2. Emergency and trauma - where they differ?
Andreas Shamiyeh, Linz/AT
3. Emergency and trauma - what they share?
Tina Gaarder, Oslo/NO
4. Emergency and Trauma - who is practicing what in Europe?
 1. North - Peep Talving, Tartu/EE
 2. South - Hakan Yanar, Istanbul/TK
 3. East - Radu Prejbeanu, Timisoara/RO
 4. West - Jonathan Tilsed, Hull/UK
 5. Central - Reto Babst, Luzern/CH

10:30 – 12:00

Room Stolz

Keynote Session

Myths & Truths: Geriatric hip fractures

Chairs: Franz Kralinger, Vienna/AT & Christoph Josten, Leipzig/DE

1. *Keynote Lecture: Orthogeriatric Co-Management*
Franz Kralinger, Vienna/AT
2. O117 - Prothrombin complex concentrate in patients on anticoagulation who require hip fracture surgery
M. Humenberger, V. Weihs, A. Geroldinger, K. Schultes, S. Kettner, S. Hajdu; Vienna, AT
3. O118 - The use of tranexamic acid in the prevention of anaemia following hip surgery
C. Dover¹, R. Perkins²; ¹Craven Arms, GB, ²Telford, GB
4. O119 - Fascia iliaca blockade in hip fracture patients: The effect on delirium incidence.
R. de Vries, K. ten Duis, J.J. Ploegmakers, N. Azizi, I. Reininga, K. Wendt; Groningen, NL
5. O120 - Dynamic Hip Screw with or without anti-rotation screw
6. S. Voeten¹, J. Deunk¹, J. Vermeulen², J. van den Brand³, W. Zuidema¹; ¹Amsterdam, NL, ²Haarlem, NL, ³Alkmaar, NL
7. O121 - Prophylactic augmentation of the osteoporotic proximal femur: cement or metal? Insights from computer simulations.

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P. Varga¹, J. Inzana¹, B. Gueorguiev², M. Blauth³, M. Windolf²; ¹Davos, CH, ²Davos-Platz, CH, ³Innsbruck, AT

8. O122 - Early surgery for hip fractures: a successful implementation

I. Rochus, H. Hoekstra, A. Sermon, S. Nijs; Leuven, BE

9. O123 - Associated injuries after hip fracture in the elderly

S. Voeten¹, W. van Veen¹, R. Fakkert¹, J. Vermeulen², H. van den Brand³, W. Zuidema¹; ¹Amsterdam, NL, ²Haarlem, NL, ³Alkmaar, NL

10. O124 - Older hip fracture patients lose a substantial amount of skeletal muscle mass during short-term hospital admission

I.F. Kramer¹, S. Broen², M. Poeze², I. Kouw², L. Verdijk², L.B. van Loon²; ¹Den Bosch, NL, ²Maastricht, NL

10:30 – 12:00

Room Lehar 1

ICL

Cross Border Issues and advanced technologies

Chairs: Pedro Ramos, Funchal/PT & Boris Hreckovski, Bukovlje/HR

1. New tools for Major Emergencies in European Projects
Daniele Gui, Rome/IT
2. XVR, serious gaming to prepare for disasters
Paul van Laar, Ede/NL
3. The different triage systems and tags across Europe
Wim Rens, Tilburg/NL
4. Cross Border Rescue System - Austria, Germany
Wolfgang Voelkel, Salzburg/AT
5. Preparing for cross border major incidents In south east europe
Boris Hreckovski, Bukovlje/HR

10:30 – 12:00

Room Lehar 2

Keynote Session

Emergencies in pediatric patients

Chairs: Stephanie Arbes, Vienna/AT & Ismet Gavrankapetanovic, Sarajevo/BS

1. *Management in the pediatric trauma patient: adjusting algorithms*
Ingo Marzi, Frankfurt/DE
2. *Do we need a specialist in pediatric trauma care?*
Thomas Neubauer, Horn/AT
3. O125 - Increased morbidity associated with weekend pediatric road traffic injuries: 10-year analysis of trauma registry data
B. Burstein¹, E. Fauteux-Lamarre², A.B. van As³; ¹Montreal, QC/CA, ²Montreal, CA, ³Cape Town, ZA
4. O126 - Clinical Outcome of Polytraumatized Children and Adolescent Patients in a Level One Trauma Center
M. Hofbauer, T. Tiefenböck, M. Winnisch, M. Michel, S. Hajdu; Vienna, AT
5. O127 - Occipital Condyle Fractures in Adolescents
R. Tomaszewski, L. Wiktor; Katowice, PL
6. O128 - Traumatic Pediatric Hip Dislocation - A Case Report with Comprehensive Literature Review
A. Startzman¹, J. Pennington², J. Rush²; ¹Fort Lauderdale, FL/US, ²Fort Lauderdale, US
7. O129 - The Three Step Approach to the management of acute pediatric Monteggia lesions
J. Hethessy, T. Kassai, B. Sebők, A. Szórádiné Vadász; Budapest, HU

10:30 – 12:00

Room Schubert 1

Keynote Session

Abdomen: Hepato-Biliary Surgery

Chairs: Yoram Kluger, Haifa/IL & Reinhard Mittermair, Klagenfurt/AT

1. *Role of open cholecystectomy in the era of reduced port surgery*
Carsten Gutt, Memmingen/DE

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2. O130 - Acute cholecystitis and Percutaneous cholecystostomy. Is it still necessary?
A. Sazhin, G. Ivakhov, N. Glagolev; Moscow, RU
(Nominated for Best Oral Award)
3. O131 - Safety of early removal of percutaneous cholecystostomy tube in moderate/severe acute cholecystitis: a single-center experience and a review of the literature
D. Macchini, L. Degrate, M. Oldani, D. Leni, F. Romano, P. Padalino, L. Gianotti; Monza, IT
4. O132 - An Innovative Emergency Laparoscopic Cholecystectomy Technique; Early Results Towards Complication Free Surgery
M. Nasr, Hufof, Al Ahsa, SA
5. O133 - Management and outcome of Blunt Liver injury : A single center experience
I. Afifi, H. Al-Thani, A. El-Menyar, R. Peralta, A. Al-Hassani, S. Abayazeed, H. Abdelrahman; Doha, QA
6. O134 - Delayed surgery in non operative liver blunt trauma treatment
L. lacaze¹, N. taton¹, A. AMARIUTEI¹, J. abba¹, O. risse¹, C. Arvieux², C. overs¹, C. Létoublon¹; ¹Grenoble, FR, ²La Tronche, FR
7. O135 - French multicentric cohort of blunt pancreatic trauma managed with endoscopy
A. Studer¹, M. Barthet¹, S. Bourgoin², D. Massalou³, E. Girard⁴, C. Arvieux⁴, T. Bege¹; ¹Marseille, FR, ²Toulon, FR, ³Nice, FR, ⁴La Tronche, FR
8. O136 - A 5-year experience with hepatic trauma in a Portuguese hospital
A.C. Carvalho¹, J. Magalhães¹, D. Brito², M. Martins³, A.C. Longras², T. Santos², V. Castro², A. Magalhães¹, R. Moreira¹, S. Ferreira², H. Fernandes², J. Reis², A. Castro¹, J.M. Pinto Correia²; ¹Guimaraes, PT, ²Guimarães, PT, ³Barcelos, PT
9. O137 - Early Surgery in Prone Position in Patients Undergoing Non-Operative Management for Splenic and Liver Injuries
K. Markert, T. Haltmeier, T. Khatsilouskaya, M. Cathomas, M.J. Keel, D. Candinas, B. Schnüriger; Bern, CH

10:30 – 12:00

Room Schubert 2

Free Paper Session

New Surgical techniques in fracture care

Chairs: Milorad Mitkovic, Nis/RS & Michael Nerlich, Regensburg/DE

1. O138 - Treatment of sternal fractures: New system for sternum osteosynthesis with titanium staples.
P. Moreno de la Santa, M.D. Polo, C. Delgado, S. Leal, A. Martin, P. Magdalena, M.D. Chorén; Vigo, ES
2. O139 - DIF (Dynamic Internal Fixator) a new device for difficult fractures
C. battiato, Ascoli Piceno, IT
3. O140 - Treatment of acetabular fractures in the elderly - introduction of a new implant
J. Becker¹, D. Krappinger², A. Auffarth¹, P. Moroder¹, M. Blauth², H. Resch¹; ¹Salzburg, AT, ²Innsbruck, AT
4. O141 - Early experiences of a new anatomic plating system for posterior acetabular fractures in a level 1 UK trauma centre
R. Dhir¹, M. Gee², H. Arshad², P. Culpan², P. Bates²; ¹Leeds, GB, ²London, GB
5. O142 - Early experiences of a new anatomic anterior plating system for acetabular fractures in a level-1 UK trauma centre
R. Dhir¹, M. Gee², H. Arshad², P. Bates², P. Culpan²; ¹Leeds, GB, ²London, GB
6. O143 - The new Femoral Neck System for femoral neck fracture fixation. Biomechanical performance versus diverse standard implants for osteosynthesis
K. Stoffel¹, I. Zderic², C. Sommer³, U. Eberli², D. Mueller⁴, M. Oswald⁵, B. Gueorguiev⁶; ¹Liestal, CH, ²Davos, CH, ³Chur, CH, ⁴Zuchwil, CH, ⁵Suzhou, CN, ⁶Davos-Platz, CH
7. O144 - Reconstruction of Femoral non-union with mal-alignment using chipping technique
T. MATSUSHITA¹, Y. WATANABE²; ¹Koriyama, Fukushima, JP, ²Tokyo, JP

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8. O145 - Retrograde Tibial Nail - A New Biomechanically Superior Nailing Concept For The Treatment Of Distal Tibia Fractures
S. Kuhn, J. Greenfield, C. Arand, P. Appelman, P.M. Rommens; Mainz, DE
9. O146 - Introduction of a new repair technique in bony avulsion of the FDP tendon using a suture anchor.
G. Halat, L. Negrin, T. Koch, J. Streicher, J. Erhart, P. Platzner, S. Hajdu; Vienna, AT
10. O147 - Kirschner wire extension blocking technique for closed bony mallet injuries; results of 42 cases
A. Meershoek, P. Wittich, J. Keizer; Nieuwegein, NL

12:00 – 12:30

Room Strauss

The Otmar Trentz lecture

Trauma surgery: a vanishing specialty or a new subspecialty?

Vilmos Vecsei, Vienna/AT

14:00 – 15:30

Room Strauss

ICL

Management of emergencies

Chairs: Stefan Nijs, Leuven/BE & Ari Leppäniemi, Helsinki/FI

1. Non-operative management: based on clinical condition or evidences
Stefan Nijs, Leuven/BE
2. Patient needs surgery now and is under new anticoagulant drugs: what shall we do
Jorge Pereira, Viseu/PT
3. Appendectomy - obsolete?
Spiros Stergiopoulos, Chaidari/GR
4. Necrotising pancreatitis: How far the non-operative management goes
Ari Leppäniemi, Helsinki/FI
5. Ileus: Indicators to decide early operative treatment
Luca Ansaloni, Bergamo/IT

14:00 – 15:30

Room Stolz

ICL

The European Union of Medical Specialists (UEMS)

Chairs: Wolfgang Feil, Vienna/AT & Jonathan Tilsed, Hull/UK

1. UEMS: speaking truth unto power at the centre of Europe
Othmar Haas, Klagenfurt/AT
2. Is the concept of general surgery dead in an era of sub-specialisation?
Wolfgang Feil, Vienna/AT
3. Trauma surgery: has the Division grown up in its first 18 years?
Hans-Joerg Oestern, Celle/DE
4. Emergency surgery: the next generation
Jonathan Tilsed, Hull/UK

14:00 – 15:30

Room Lehar 1

Free Paper Session

Severe extremity injuries

Chairs: Oskar Aszmann, Vienna/AT & Andreas Platz, Zurich/CH

1. O148 - Missed Diagnosis in polytrauma - what are the consequences?
S. Kibbe, R. Auer, J. Riehl; Louisville, KY/US
2. O149 - Replantation of Partial Upper Limb Amputation after Suicide Attempt
T. Hölzenbein, M. Aspalter, W. Dabernig, F. Enzmann, P. Nierlich, J. Ellacuriaga, K. Linni, H. Schubert, A. Hartmann; Salzburg, AT
3. O150 - The impact of revascularization time on post-operative complications and related outcomes of ischemic extremity injuries
H. MORII, Kawagoe, JP

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4. O151 - Primary radial nerve palsy associated with traumatic humeral shaft fractures – Does the type of treatment influence recovery?
R. Ostermann, N. Lang, P. Platzer; Vienna, AT
5. O152 - Long-term Outcome after toe-to-hand transfer for reconstruction of amputation injuries of the hand
S. Quadlbauer, C. Pezzei, J. Jurkowitsch, T. Beer, T. Keuchel, T. Hausner, M. Leixnering; Vienna, AT
6. O153 - Perilunate (Fracture) Dislocation in Polytrauma
I. Krusche-Mandl, V. Weihs, J. Erhart; Vienna, AT
7. O154 - Reconstructive Intervention after traumatic finger amputations: Pollizisation and Ray Amputation can improve hand function and cosmetic appearance
T. Keuchel, C. Pezzei, S. Quadlbauer, J. Jurkowitsch, P. Reb, T. Hausner, M. Leixnering; Vienna, AT
8. O155 - Monitoring Recovery of Open Tibial Fractures, Using Objective Functional Measures with Preliminary Data from a Combined Orthoplastic Research Clinic
R. MORRIS, S. Maggs, O. Bodger, I. Pallister; Swansea, GB
9. O156 - External skeletal fixation as temporarily method in damage control. When and where external fixation can be definitive method of fracture treatment?
M. Mitkovic, S. Milenkovic, I. Micic, I. Kostic, M. Mitkovic; Nis, RS
10. O157 - Naturally derived acellular small diameter vascular grafts from human placenta for reconstructive surgery
K. Schneider, P. Aigner, X. Monforte, W. Holnthoner, A. Teuschl, H. Bergmeister, H. Redl; Vienna, AT

14:00 – 15:30

Guest Symposium AOTrauma

Room Lehar 2

Ankle fractures

Chairs: Michael Wagner, Vienna/AT & Anna Ekman, Stockholm/SE

Speakers: Charlotte Larsson-Thur, Stockholm/SE & Franz Kralinger, Vienna/AT

1. Basic principle lecture
+ Discussion
 2. Difficult fractures - large posterior fragments, syndesmotomic injuries, mini pilon
+ Discussion
- + 40 minutes Case Discussion

14:00 – 15:30

Keynote Session

Room Schubert 1

Septic Abdomen

Chairs: Radko Komadina, Celje/SI & Isidro Martinez, Alicante/ES

1. *Keynote Lecture: Repalarotomy: Planned or on demand after septic complications?*
Isidro Martinez, Alicante/ES
2. O158 - Open abdomen our experience
S. Condurro, G. Barberio, A. Bosco, S. Campagna, S. Cornaglia, E. Debarberis Mainini, D. Guarino, A. Trunfio, S. Razzi; Aosta, IT
3. O159 - The Management of Small Bowel and Mesenteric Injuries in Blunt Abdominal Trauma: Late Does Not Mean Worse
D. Tartaglia, E. Pouli, F. Cascione, A. Bertolucci, M. Modesti, L. Cobuccio, I. Cengeli, E. Kauffmann, R. Fantacci, G. Zocco, C. Galatioto, M. Chiarugi; Pisa, IT
4. O160 - Auditing Surgical Sepsis in a Regional Trauma Centre
K. Linton, G. Bass, R. Curran, E. Carton; Drogheda, IE
5. O161 - The value of absolute leukocyte numbers in peripheral blood of patients with penetrating splenic injury in the early detection of septic complications
R. Spijkerman¹, M. Teuben², F. Hoosain³, L. Taylor³, T. Blokhuis¹, T. Hardcastle⁴, B. Warren³, L. Leenen¹; ¹Utrecht, NL, ²Aachen, DE, ³Cape Town, ZA, ⁴Durban, ZA

Monday, April 25, 2016

14:00 – 15:30

Free Paper Session

Room Schubert 2

Innovations: Experimental results

Chairs: Stefan Marlovits, Vienna/AT & Demetrios Demetriades, Sierra Madre/US

1. O162 - In vitro effects of fibrinogen supplementation on clot initiation and stability – A ROTEM study
N. Schäfer¹, A. Driessen², M. Fröhlich¹, U. Bauerfeind¹, J. Ofir¹, E. Stürmer¹, M. Maegele¹;¹Köln, DE, ²Cologne, DE
(Nominated for Best Oral Award)
2. O163 - Hind-limb ischemia is insufficient to induce systemic hyperfibrinolysis in a rat model of ischemia-reperfusion injury
J. Zipperle, C. Penzenstadler, S. Muehleder, M. Ponschab, C. Schlimp, H. Redl, S. Bahrami, H. Schoechl; Vienna, AT
3. O164 - Intraosseous application of prothrombin complex concentrate with/without fibrinogen concentrate in a swine model of haemodilution.
C. Schlimp, M. Ponschab, C. Keibl, S. Nürnberger, H. Redl, H. Schöchli; Vienna, AT
4. O165 - Splenic homing of neutrophil subtypes in a mice model of hypovolemic shock and trauma
M. Teuben¹, M. Heeres², T. Blokhuis², R. Pfeifer¹, H. Pape¹, L. Koenderman², L. Leenen²;¹Aachen, DE, ²Utrecht, NL
(Nominated for Best Oral Award)
5. O166 - Stimulating and inhibitory effect of severe polytrauma on early immune responses in the blood and bone marrow compartment of young mice
S. Drechsler¹, P. Rademann², J. Zipperle¹, M. Jafarmadar¹, A. Klotz¹, S. Bahrami¹, M. Osuchowski¹; ¹Vienna, AT, ²Wien, AT
6. O167 - Peripheral Blood Mononuclear Cell Secretome ameliorates Wound Healing in a porcine 3rd degree Burn Model
R. Mittermayr, S. Hacker, S. Nickl, T. Haider, C. Keibl, H. Redl, M. Mildner, H. Ankersmit; Vienna, AT
(Nominated for Best Oral Award)
7. O168 - Comparison of different scaffolds in relation of osteogenic activity in bone marrow mononuclear cell-supported therapy of large femoral bone defects in rats
M. Janko, Frankfurt, DE
(Nominated for Best Oral Award)
8. O169 - APOSEC enhances wound healing in a diabetic mouse model
D. Traxler, C. Keibl, D. Lidinsky, J. Hartinger, S. Nuernberger, H. Redl, H. Ankersmit, V. Hruschka, P. Slezak; Vienna, AT
9. O170 - Improvement in histological collagen type II mapping in hyaline cartilage and tissue engineered samples.
S. Nürnberger, D. Lidinsky, H. Redl, C. Albrecht; Vienna, AT
10. O171 - Development of a clinically realistic long term polytrauma model
K. Horst¹, R. Pfeifer¹, M. Teuben¹, K. Almahmoud¹, P. Störmann², B. Auner², B. Relja², I. Marzi², A. Haug³, M. van Griensven³, M. Kalbitz⁴, S. Huber-Lang⁴, R. Tolba¹, G. Marx¹, T. Simon¹, F. Hildebrand⁵, H. Pape¹; ¹Aachen, DE, ²Frankfurt, DE, ³München, DE, ⁴Ulm, DE, ⁵Marburg, DE
11. O172 - The bare area of proximal ulna: an anatomic study with relevance to chevron osteotomy
B. Yu, R. Ao, D. Li, X. Zhang, C. Fancheng; Shanghai, CN

16:00 – 17:30

ICL

Myths & Truths: Polytrauma

Chairs: Mehdi Mousavi, Vienna/AT & Raul Coimbra, San Diego/US

Room Strauss

1. Definition polytrauma - does it make sense?
Raul Coimbra, San Diego/US

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2. ATLS is beneficial for polytraumatized patients?
Bertil Bouillon, Cologne/DE
3. ETC is beneficial for polytraumatized patients?
Michael Hüpfel, Vienna/AT
4. Interdisciplinary management with changing responsibilities is beneficial for polytraumatized patients?
Michael Schütz, Berlin/DE
5. Polytrauma - quo vadis?
Mehdi Mousavi, Vienna/AT

16:00 – 17:30

Room Stolz

Free Paper Session

Myths & Truths: Pelvic & Hip

Chair: Tomas Braunsteiner, Vienna/AT & Peter Giannoudis, Leeds/UK

1. O173 - The development of acetabular fractures over a treatment period of 12 years
S. Zeidler¹, N. Lübke¹, K. Kreher², J. Böhme¹, C. Josten¹; ¹Leipzig, DE, ²Hartmannsdorf, DE
2. O174 - The role of pelvic stability in the patients with pelvic fracture is diminishing in the evaluation of associated intra-abdominal injuries or retroperitoneal hemorrhage
C. Fu, Taoyuan, TW
3. O175 - Percutaneous sacro-iliac screws in unstable pelvic injuries - our approach and results after 95 consecutive cases
M. Popescu, S. Dragusanu, B. Tunescu, A. Tiris, A. Totorean, G. Noditi, R. Dagla; Timisoara, RO
4. O176 - The Pararectus Approach Provides More Surgical Exposure And Different Options For Instrumentation Than The Modified Stoppa Approach For Fixation Of Acetabular Fractures.
M.J. Keel, M. Savic, J. Cullmann, W. Zech, V. Djonov, J. Bastian; Bern, CH
5. O177 - the Anterior Intrapelvic Approach for Acetabulum Fractures
S. Kibbe¹, L. Negrin², K. Himschoot¹, D. Seligson¹; ¹Louisville, US, ²Vienna, AT
6. O178 - Do we really require magnetic resonance imaging to diagnose fragility fractures of the pelvis?
Y. Ueda, H. Tsuji, Y. Kurata, J. Saito, K. Sato; Sapporo, JP
7. O179 - Combination of modified free vascularized fibular grafting and reverse Less Invasive Stabilization System (LISS) for the management of femoral neck nonunion in patients thirty years of age or younger
C. Zhang, Shanghai, CN
8. O180 - Surgical Treatment of Trochanteric Fractures
A.V. Kalashnikov¹, V.D. Malyk², Y.O. Stavinskyi¹; ¹Kyiv, UA, ²Poltava, UA
9. O181 - Does an additional antirotation U-Blade Lagscrew improve treatment of pertorchanteric fractures with gamma 3 nail?
N. Lang, C. Arthold, J. Jöstl, K. Sarahrudi; Vienna, AT

16:00 – 17:30

Room Lehar 1

Keynote Session

Appendicitis

Chairs: Martina Lemmerer, Graz/AT & Andrea Casamassima, Milan/IT

1. *Keynote: Acute appendicitis – which approach?*
Jonathan Tilsed, Hull/UK
2. O182 - Acute appendicitis: analysis of 16544 cases
M. Ceresoli, M. Pisano, N. Allievi, A. Zucchi, F. Coccolini, G. Montori, E. Poiasina, L. Ansaloni; Bergamo, IT
3. O183 - Complicated acute appendicitis: open vs laparoscopic approach in the elderly
L. Fattori, C. Barbieri, F. Cristaudo, M. Gattuso, C. Dammaro; Monza, IT
4. O184 - Appendiceal mass: Is interval appendectomy necessary?
A.F.K. Gök¹, Y. Soytaş², B. Mollavelioğlu¹, S. Yüksel¹, M. İlhan¹, S. Bademler¹, H. Yanar¹, K. Günay¹, R. Güloğlu¹, C. Ertekin¹; ¹Istanbul, TR, ²Istanbul, TR

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5. O185 - Is interval appendectomy mandatory in conservative treatment of complicated appendicitis with a palpable mass or localized abscess?
M. Rocha¹, F. Teixeira¹, M. Jucá², A. Pflug¹, S. Couto Netto¹, A. Andreotti², P. Alves², C. Bernini¹, E. Utiyama¹, C.A. Menegozzo¹; ¹Sao Paulo, BR, ²São Paulo - Sp, BR
6. O186 - Antibiotic therapy following appendectomy for acute appendicitis. Surgical findings remain more important than national guidelines.
C. OLLENDE¹, E. HORNEZ², D. NGABOU¹, Y. BAUDOIN², N. Mocellin², S. Bonnet²; ¹Libreville, GA, ²Clamart, FR

16:00 – 17:30

Keynote Session

Room Lehar 2

Spleen & Trauma

Chairs: Mauro Zago, Bergamo/IT & Selman Uranues, Graz/AT

1. *Keynote: O187 The development of the European Trauma Course in Austria – data on 30 courses*
Joachim Renner, Vienna/AT, M. Hüpf¹, F. Trummer², A. Deixler², K. Kalan Ustar², C. Schreiber², I. Lulic²; ¹Wien, AT, ²Vienna, AT
2. O188 - Frequency, presentation, management and outcomes of blunt splenic injury in a single center over a 3-year period
A. Al-Hassani, G. Jabbour, A. El-Menyar, M. Asim, H. Al-Thani; Doha, QA
3. O189 - Contribution of three-dimensional reconstructions from CT-Scan for assessing the factors associated with blunt splenic injury severity
A. Studer¹, T. Bege¹, C. Kahn¹, S. Coze¹, K. Chaumoitre¹, R. Denis², S. Berdah¹, C. Brunet¹; ¹Marseille, FR, ²Montreal, QC/CA
4. O190 - Diagnostic accuracy of Vitrea versus conventional CT – outcome predictability for NOM in splenic injuries
I. Unterfrauner, G. Tomasch, S. Uranues; Graz, AT
5. O191 - Angio-embolization in bleeding blunt splenic injuries: it works but look out consequences
A. Bertolucci, D. Tartaglia, S. Musetti, M. Modesti, L. Cobuccio, I. Cengeli, C. Galatioto, M. Chiarugi; Pisa, IT
7. O192 - Blunt Splenic Trauma in a Level III Trauma Center: a 5-year cohort
S. Silva, N. Tenreiro, A. Melo, J. Lage, C. Santos, A. Oliveira; Vila Real, PT
8. O193 - Splenic embolization after blunt trauma - a 7 year experience
P. Drac, J. Kovarik, P. Korpa, V. Prasil; Olomouc, CZ
9. O194 - Management of blunt splenic injury: a retrospective review of practice and outcomes at a UK Major Trauma Centre
S. Smith¹, L. Adamson², W. Al-obaydi², H. White², M. D'Auria², A. Brooks²; ¹Bury, GB, ²Nottingham, GB

16:00 – 17:30

Keynote Session

Room Schubert 1

Emergency Service 1

Chairs: Andriy Kalashnikov, Kiev/UK, Endre Varga, Szeged/HU

1. *Keynote: Benchmarks of Emergency Service Systems*
Peep Talving, Tartu/EE
2. O195 - Acute Care Surgery Services: Beyond just the operating room
T. Van Zyl, P. Murphy, L. Allen, W. Leeper, K. Leslie, N. Parry, K. Vogt; London, CA
3. O196 - Dragon Stadium Emergency Services - Champions League of the Sports Emergency Services
P. Martins, N. Puga, N. Coimbra, F. Serralva; Porto, PT
4. O197 - Establishment of Severe Trauma Rescue System in China
B. Jiang, T. Wang, X. Yin, P. zhang, Y. Kou; Peking, CN
5. O198 - Redefining trauma post service centralisation in the UK

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- K. Mann, J. Moorehead, S. Scott, N. Misra; Liverpool, GB
6. O199 - Implementing an Acute Care Surgery Service Model in a Middle-income country hospital generates significant growth in productivity and procedure RVUs
E. Rodas, M. Guachun, J. Tapia, J. Salamea, R. Pino, L. Fernandez de Cordova, J. Reinoso, D. Sarmiento, H. Sacoto, B. Serrano, G. Sánchez; Cuenca, EC
7. O200 - Current state of trauma care system in Shanghai
Z. Li, Y. Zuoqin; Shanghai, CN
8. O201 - 1 Limitations in prehospital communication between trauma helicopter, ambulance services and dispatch centres
A. Harmsen, G. Giannakopoulos, G. Franshman, H. Christiaans, F. Bloemers; Amsterdam, NL
9. O202 - 'The weekend effect': Does it really affect surgical mortality rates, a review of surgical admissions from a busy teaching Hospital in London
V. Shatkar, L. Kamuriwo, J. Burke; Romford, London, GB

16:00 – 17:30

Keynote Session

Room Schubert 2

Innovations: Imaging & Navigation

Chairs: Marius Keel, Bern/CH & Florian Gebhard, Ulm/DE

1. *Keynote: Computer-assisted surgery*
Florian Gebhard, Ulm/DE
2. O203 - Clinical evaluation of Infrascanner model 2000 for detection of traumatic intracranial hematomas.
R. Berg, K. van Helmond, M. van den Baar; Veldhoven, NL
(Nominated for Best Oral Award)
3. O204 - Radiological evaluation of the ACL and semitendinosus , gracilis tendon with children age.
R. Tomaszewski, L. Wiktor, D. Smyczek, E. Kluczevska, I. Wos; Katowice, PL
4. O205 - Navigation with image-fusion method for transiliac-transsacral screws
T. Noda, T. Uehara, M. Yoshimura, M. Kiyono, T. Komatsubara, K. Sugi, Y. Yamakawa, Y. Shimamura, T. Ozaki; Okayama, JP
5. O206 - Traumatological application of three-dimensional reconstruction and rapid prototyping technology in complex acetabular fractures
C. battiato¹, L. basigliani²; ¹Ascoli Piceno, IT, ²Ascoli, IT
6. O207 - 3D Quantification of Posterior Malleolar Fragment-Reduction Predicts Clinical Outcome in a Prospective Trial
R. de Muinck Keizer, D.T. Meijer, B. van der Gronde, T. Teunis, S. Stufkens, J. Doornberg, T. Schepers, G.M. Kerkhoffs, J..C. Goslings; Amsterdam, NL
7. O208 - Articular Gap and Step-off Revisited: 3D Quantification of Posterior Malleolar Fragment Reduction
R. de Muinck Keizer, D.T. Meijer, B. van der Gronde, T. Teunis, S. Stufkens, J. Doornberg, T. Schepers, J..C. Goslings, G.M. Kerkhoffs; Amsterdam, NL
8. O209 - Three Dimensional Virtual Planning of Corrective Osteotomies of Distal Radius Malunions: A Systematic Review
R. de Muinck Keizer¹, K.M. Lechner¹, M. Mulders¹, N. Schep¹, D. Eygendaal², J..C. Goslings¹; ¹Amsterdam, NL, ²Breda, NL
9. O210 - Ultrasound based shear-wave elastography for the non-invasive early diagnosis of acute compartment syndrome – development of a method based on tissue strain analytics.
G. Achatz, T. Döhler, T. Andres, F. von Lübken, H. Riesner, M. Herr, H. Palm, B. Friemert; Ulm, DE

Tuesday, April 26, 2016

Tuesday, April 26, 2016

08:30 – 10:00

Room Strauss

Nightmare Session

When bad things happen to good surgeons

Chair: Ari Leppäniemi, Helsinki/FI & Otmar Trentz, Zurich/CH

08:30 – 10:00

Room Stolz

Keynote Session

Sports medicine: Knee

Chairs: Radu Prejbeanu, Timisoara/RU & Thomas Müllner, Vienna/AT

1. *Keynote: ACL Surgery – can we predict the outcome?*
Karl-Peter Benedetto, Feldkirch/AT
2. O211 - The diagnostic value of the 'Lever Sign' test
C. Koster¹, M. Lichtenberg², A. Harmsen¹, F. Oosterveld², F. Bloemers¹; ¹Amsterdam, NL,²Enschede, NL
3. O212 - Outcomes following braced, full weight-bearing rehabilitation after meniscal repair using the all inside Fast-fix repair system at a mean follow up of 2 years
M. Alam, M. Buldu, J. Arbuthnot; Birmingham, GB
4. O213 - ACL Regeneration using a novel silk fiber based scaffold - Histological Results of a Large Animal Study
A. Teuschl, P. Heimel, S. Nürnberger, H. Redl, T. Nau; Vienna, AT
5. O214 - Clinical and Functional Outcome after Anterior Cruciate Ligament Reconstruction using the LARS™ System at a Minimum Follow-Up of 10 years
M. Hofbauer, M. Schurz, J. Jöstl, T. Tiefenböck; Vienna, AT
6. O215 - Clinical and Functional Outcome of All-Inside Anterior Cruciate Ligament Reconstruction at a Minimum of 2-Year Follow-up
M. Hofbauer, M. Schurz, S. Syre, G. Steiner, F. Plachel, T. Tiefenböck; Vienna, AT
7. O216 - Sex does Not Influence the Clinical Outcome of Anatomic Anterior Cruciate Ligament Reconstruction in the Short Term utilizing the "All-Inside" Technique
T. Tiefenböck, M. Schurz, S. Syre, F. Plachel, G. Steiner, M. Hofbauer; Vienna, AT
8. O217 - In vivo knee rotational stability 2 years after double-bundle and anatomic single-bundle ACL reconstruction
R. Hart, M. Komzak; Znojmo, CZ
9. O218 - Knee joint stability after dynamic intraligamentary stabilization
J. Häberli¹, P. Henle², Y.P. Acklin³, I. Zderic³, B. Gueorquiev⁴; ¹Bettlach, CH, ²Bern, CH,³Davos, CH, ⁴Davos-Platz, CH

08:30 – 10:00

Room Lehar 1

Keynote Session

Polytrauma 1

Chairs: Handolin Lauri, Helsinki/FI & William Cioffi, Providence/US

1. *Keynote: Treatment and leadership in Polytrauma*
Pol M. Rommens, Mainz/DE
2. O219 - Pattern of Mortality and Causes of Death after multiple Trauma: A Systematic Review of Autopsy Studies
R. Pfeifer, H. Andruszkow, M. Teuben, H. Pape; Aachen, DE
3. O220 - Polytrauma patients in the Netherlands and the USA: A bi-institutional comparison of demographics and outcomes of care.
S. Dijkink¹, G. Van Der Wilden¹, P. Krijnen¹, L. Dol¹, S. Rhemrev², D. King³, M. DeMoya³, G. Velmahos³, I. Schipper¹; ¹Leiden, NL, ²Den Haag, NL, ³Boston, MA/US

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4. O221 - Analysis of pelvic/acetabular injuries in a Middle-East government hospital
T. Braunsteiner¹, I. Abbas²; ¹Vienna, AT, ²Al Ain, AE
5. O222 - Epidemiological Profile of Major Trauma Patients Admitted to a Trauma Center in Brazil
C.A. Menegozzo¹, P.H. Alves¹, M. Rocha¹, M. Jucá², A. Pflug¹, C. Bernini¹, E. Utiyama¹; ¹Sao Paulo, BR, ²São Paulo - Sp, BR
6. O223 - Post Traumatic Stress Disorder in a Civilian Trauma Population - A Point Prevalence Study.
J. Smith, J. Fletcher, A. Curran, J. Peacock, M. Elniel, N. Misra; Liverpool, GB
7. O224 - Impact of Pelvic Fracture (Type B/C) on the Clinical Outcomes of Severely Injured Trauma Patients: Are They Still a Life Threatening ?
K. Almahmoud¹, R. Pfeifer¹, W. Hyderabad¹, F. Hildebrand¹, A. Peitzman², H. Pape¹; ¹Aachen, DE, ²Pittsburgh, PA/US
8. O225 - Quality of life after pelvic ring fractures: long term outcomes; a cross-sectional study.
L. Brouwers, M. de Jongh, K. Lansink; Tilburg, NL
9. O226 - Evolution of Severe Trauma in Estonia Comparing Time Segments of Early versus Established Independence of the State
S. Saar¹, M. Sokirjanski², L. Junkin², J. Laos¹, A. Laar², I. Merioja², U. Lepner², L. Kukk¹, A. Rimmelgas¹, T. Asser², K. Innos¹, J. Starkopf², P. Talving¹; ¹Tallinn, EE, ²Tartu, EE

08:30 – 10:00

Room Lehar 2

Free Paper Session

Interface: Prehospital & Inhospital

Chairs: Louis Riddez, Stockholm/SE & Peter Wendsche, Brno/CZ

1. O227 - Trauma management during financial crisis : The first trauma database in Greece
A. Prionas¹, A. Papakoulas², A. Tooulias², T. Piachas², G. Tsoulfas², G. Marakis²; ¹Halkida, GR, ²Thessaloniki, GR
2. O228 - The Healthcare Costs of Pedestrian Injuries in Qatar
R. Consunji¹, A. El-Menyar¹, H. Al-Thani¹, F. Irfan¹, R. Latifi², M. Tuma³, R. Peralta¹; ¹Doha, QA, ²Tucson, AZ/US, ³Toronto, ON/CA
3. O229 - Direct admission versus transfer to a level 1 trauma center improves survival.
M. Bala, A. Kedar, R. Arnon, G. almogy; Jerusalem, IL
4. O230 - lack of pre hospital triage results in emergency department burden trauma as well as non-trauma related emergencies
H. Bahuoth, Y. Kluger, A. BEN YEHEZKEL; Haifa, IL
5. O231 - Acute care length of stay for injury admissions: a comparison across trauma systems
L. Moore¹, D. Evans², S. Hameed³, N. Yanchar⁴, H. Stelfox⁵; ¹Quebec, CA, ²Vancouver, AB/CA, ³Vancouver, CA, ⁴Halifax, AB/CA, ⁵Calgary, CA
6. O232 - A Closed Loop Audit Cycle of Surgical Readmissions to an Emergency General Surgery Unit
J. poonian, C. Machin, N. Misra; Liverpool, GB
7. O233 - Reduced mortality following the introduction of a multimodal multidisciplinary perioperative protocol in high risk emergency gastrointestinal surgery patients
L. Tengberg, M. Bay-Nielsen, T. Bisgaard, M. Cihoric, M. Lauritsen, N. Foss; Hvidovre, DK
8. O234 - The Liverpool Ortho-plastic Service; What have we achieved?
N. Sargazi, A. Abd El Gawad, B. Narayan, D. Bell, S. Nayagam, K. Graham; Liverpool, GB
9. O235 - Responding to an influx of war-wounded patients: nursing staff in the Trauma Room
E. Solomonov, A. Braslavsky, A. Bukin, O. Efremov, A. Rapoport, A. Fedorenko, I. Dashkovsky, W. Karim, M. Vaskovic, S. Biswas, D. Fuchs; Galilee, IL
10. O236 - Danish trauma team competencies- A national point prevalence study
K. Steinhorsdottir¹, P. Svenningsen², R. Fabrizio², J. Hillingsøe¹, L. Svendsen¹, M. Sillesen²; ¹Copenhagen, DK, ²Copenhagen Ø, DK

Tuesday, April 26, 2016

08:30 – 10:00

Guest Symposium ETCO

Room Schubert 1

The trauma team – elements to get them working

Chairs: Michael Hüpfl, Vienna/AT & Eric Voiglio, Lyon/FR

1. Practical training in trauma care –from skill drill to high fidelity team training
Karl Schebesta, Vienna/AT
2. Interdisciplinary trauma room training- using an up-to-date technique to enhance human factors in team management
Michael Hüpfl, Vienna/AT
3. ATLS and ETC manuals: points of agreement and disagreement
Eric Voiglio, Lyon/AT

08:30 – 10:00

Guest Symposium ATCN

Room Schubert 2

tba

Chairs: tba

4. Overview of ATCN international
Michael Glenn, Seattle/US
5. Presentation of ATCN in Europe
Candida Durao, Lisbon/PT
6. New relationship in the Emergency Teams after ATLS/ATCN courses
Olivier Garcia, FR
7. 5 years-experience of ATCN in Germany
Margot Dietz-Wittstock, Flensburg/DE
8. Round table: Projects for ATCN in Europe in the future
Carla Nascimento Lisbon/PT, Julien Fouques, FR, Raffaele Brognaro
9. How to organize a European trauma nurses network?
tba

10:30 – 12:00

ICL

Room Strauss

Innovations and new techniques

Chairs: Tal Hörer, Örebro/SE & Timothy Williams, Virginia/US

1. Vascular access for EndoVascular Trauma Management
Junichi Matsumoto, Tokyo/JP
2. Resuscitative Endovascular Balloon Occlusion of the Aorta (REBOA) for Trauma: New Horizons in Trauma Care
Timothy Williams, Virginia/US
3. Self-Expanding foam for intraabdominal exsanguination
Victor Reva, Saint Petersburg/RU
4. Innovations in ECMO
Daniel Zimpfer, Vienna/AT
5. EndoVascular and Hybrid Trauma Management for Visceral trauma
Tal Hörer, Örebro/SE

10:30 – 12:00

ICL

Room Stolz

Terrorism attacks with high energy weapons – are we prepared?

Chairs: Pedro Ramos, Funchal/PT & Ingo Marzi, Frankfurt/DE

1. Experiences of the recent attack in Paris
Marylin Franchin, Paris/FR
2. What are the challenges with mass casualty incidents with penetrating injuries?
Rifat Latifi, US
3. Norway experience after Oslo shooting
Paal Aksel Naess, Oslo/NO
4. In and outs of ballistics
Nicolas Prat, Lyon/FR
5. How to deal with a mass casualty with penetrating injuries
Merin Ofer, IL

Tuesday, April 26, 2016

10:30 – 12:00

Free Paper Session

Polytrauma 2

Chairs: Raul Coimbra, San Diego/US & Albert Köpfl, Schladming/AT

Room Lehar 1

1. O237 - Eleven definitions of polytrauma in comparison
S. Frenzel¹, P. Krenn¹, G. Halat², T. Heinz¹, S. Hajdu², L. Negrin²; ¹Wien, AT, ²Vienna, AT
2. O238 - Impact of self-inflicted injuries and fall from height mechanism on the outcome of trauma patients
N. Allievi, M. Ceresoli, S. Magnone, F. Coccolini, G.E. Nita, E. Poletti, L. Ansaloni; Bergamo, IT
3. O239 - Coverage and accuracy of diagnosis and procedural coding of severely injured patients in Finnish Hospital Discharge Registry - comparison of data to Helsinki Trauma Registry.
M. Heinänen¹, T. Brinck¹, L. Handolin¹, V. Mattila², T. Söderlund¹; ¹Helsinki, FI, ²Tampere, FI
4. O240 - Missed injury in polytrauma patients. The effect of tertiary trauma survey
S. LOPEZ, A. TORO, A. CAPEL, V. JIMENEZ, A. PRADA, M. ALVAREZ; Madrid, ES
5. O241 - The impact of cardiorespiratory and/or hemodynamic instability on the mortality of polytraumatized patients
L. Negrin¹, G. Halat¹, A. Antoni¹, T. Heinz², S. Hajdu¹; ¹Vienna, AT, ²Wien, AT
6. O242 - Fibrinogen level at admission is associated with 24-hour mortality in polytraumatized adults
B. Gareb, A.J. Andela, M. El Moumni; Groningen, NL
7. O243 - Surgical treatment is rarely required in polytrauma patients with severe chest injury
T. Weber, J. Fakler, O. Oezkurtul, C. Kormann, C. Josten; Leipzig, DE
8. O244 - Polytrauma patients with severe thorax injuries - has anything changed? A 9-year experience at a tertiary trauma center
M. Heinänen¹, T. Söderlund¹, L. Handolin¹, R. Lefering², T. Brinck¹; ¹Helsinki, FI, ²Cologne, DE
9. O245 - Epidemiology of sternovertebral injuries in Germany
S. Krinner¹, S. Grupp¹, F.F. Hennig¹, A. Langenbach¹, S. Schulz-Drost²; ¹Erlangen, DE, ²Berlin, DE
10. O246 - Traffic-related injuries among the youth in the United Arab Emirates
M. Grivna, H. Eid, F. Abu-Zidan; Al-Ain, AE

10:30 – 12:00

Keynote Session

Bleeding 1

Chairs: Tina Gaarder, Oslo/No & Rene El-Attal, Innsbruck/AT

Room Lehar 2

1. *Keynote Lecture: Acute Coagulopathy after hemorrhage: What do we know?*
Tina Gaarder, Oslo/No
2. O247 - A Review Of 24 Months Of Traumatic Massive Haemorrhage Management In A UK Level One Major Trauma Centre - Aintree University Hospital
N. Jain¹, B. Altemimi², N. Misra²; ¹Al, GB, ²Liverpool, GB
3. O248 - Increase in Heart Rate Variability can be an index for end point of resuscitation in trauma patients.
A. Foroutan, S. Paydar, S.T. heydari, S.A. Hashemi; Shiraz, IR
4. O249 - Prehospital volume resuscitation - Did evidence defeat the crystalloid dogma? An analysis of the TraumaRegister DGU® 2002 - 2012
A. Driessen¹, M. Fröhlich², N. Schäfer², M. Mutschler², J. Defosse², T. Brockamp³, B. Bouillon², E. Stürmer², R. Lefering¹, M. Maegele²; ¹Cologne, DE, ²Köln, DE, ³Bonn, DE
5. O250 - Can one size fit all? First fixed-distance model for the placement of a balloon during fluoroscopy-free REBOA in a civilian mixed population.
P. PEZY¹, A. FLARIS¹, N. PRAT², F. COTTON³, J. CAILLOT³, E. VOIGLIO¹; ¹Lyon, FR, ²Brétigny Sur Orge, FR, ³Pierre Bénite, FR
(Nominated for Best Oral Award)

Tuesday, April 26, 2016

6. O251 - The performance of bare-metal versus covered stents in an ovine model of blunt occlusive arterial trauma
V. Reva¹, J. Morrison², A. Denisov¹, S. Telickiy¹, A. Seleznev¹, I. Zheleznyak¹, E. Mikhailovskaya¹, I. Samokhvalov¹; ¹Saint-Petersburg, RU, ²Glasgow, GB
7. O252 - The Efficacy and Safety of 7Fr Intra-aortic Balloon Occlusion (IABO) catheter as a REBOA device for Traumatic Hemorrhage Shock Patients
T. Orita¹, T. Funabiki², M. Yamazaki², M. Shimizu², S. Matsumoto², N. Hiroe², M. Kitano²; ¹Yokohama-Shi, JP, ²Yokohama-City, JP
8. O253 - Sixty-minutes REBOA worsens outcome in an ovine model of severe hemorrhagic shock
V. Reva¹, Y. Matsumura², J. Morrison³, D. Sveklov¹, A. Seleznev¹, E. Bozhedomova¹, A. Ivanov¹, I. Samokhvalov¹, T. Horer⁴; ¹Saint-Petersburg, RU, ²Chiba, JP, ³Glasgow, GB, ⁴Orebro, SE
9. O254 - Determinants of mortality in hemodynamically unstable pelvic fractures
E. Vacas, J. Ferrero, J. Zorrilla, M. Arroyo, C. Olaya, P. Caba; Madrid, ES

10:30 – 12:00

Room Schubert 1

Guest Symposium AGA

Multiligament Injuries

Chairs: Karl Benedetto, Feldkirch/AT & Karl-Heinz Frosch, Hamburg/DE

1. Clinical and instrumental diagnostics
Dominik Seybold, Bochum/DE
2. Internal Bracing in acute knee dislocations
Karl-Heinz Frosch, Hamburg/DE
3. Ligament reconstruction in the acute phase
Karl Benedetto, Feldkirch/AT
4. Secondary reconstruction in chronic instabilities
Pierre Hepp, Leipzig/DE
5. Management of complications
Christian Schoepp, Duisburg/DE

10:30 – 12:00

Room Schubert 2

Keynote Session

Intestinal emergencies

Chairs: Bela Teleky, Vienna/AT & Carlos Mesquita, Coimbra/PT

1. *Keynote: Management of patients with perforated cocaine bodypacks*
Andreas Pentsch, Linz/AT
2. *Keynote: Management of patients with foreign bodies in the GI tract*
Andreas Salat, Vienna/AT
3. O255 - Razor blade ingestions: is the conservative management safe?
S. Stefano¹, K. Inaba², M. Sozzi³, J. Cho², K. Matsushima², A. Strumwasser², E. Benjamin², D. Demetriades²; ¹Los Angeles, US, ²Los Angeles, CA/US, ³San Donato Milanese, IT
4. O256 - Prognostic factors in patients surgically treated for blunt abdominal trauma – a retrospective study
R. Sapage¹, A. Marçal², N. Tenreiro², H. Moreira², C. Santos², A. Oliveira²; ¹Senhora Da Hora, PT, ²Vila Real, PT
5. O257 - Benefits of computed tomography tractography in evaluation of anterior abdominal stab wounds
I.S. Sarici, T. Ertan, Y. Sevim, T. Sarigoz, O. Topuz, B. Tastan; Kayseri, TR
6. O258 - Use of Laparoscopy in the Diagnosis and Treatment of Abdominal Stabbing and Bunt Injuries: 10-year Experience at a Single Institution
H. Lin, Y. Chen, K. Lin; New Taipei City, TW
7. O259 - Temporary arterial shunts in damage control: experience and outcomes
M. Seamon¹, B. Smith², J. Cannon¹, P. Reilly², C. Schwab²; ¹Philadelphia, US, ²Philadelphia, PA/US

Tuesday, April 26, 2016

12:00 – 12:30 Room Strauss
The Sten Lennquist Lecture
Emergency surgery: a vanishing specialty or a new subspecialty?
Alastair Wilson, London/UK

12:30 – 14:00 Room Schubert 1
ATLS Guest Symposium
The ATLS virus spread around the world: focus on Europe and Africa
Chairs: Andrew Baker, Durban/SA, Inger Schipper, Leiden/NL

Battle:

1. No need for ATLS in Austria: existing courses provide sufficient Trauma Training!
Christoph Wölfel, Mainz/DE
2. ATLS is the basic Trauma Training for every country! Works well in combination with additional courses
Matthias Münzberg, Ludwigshafen/DE

14:00 – 15:30 Room Strauss
Mini-Battles
Pro & Cons
Chairs: Isidro Martinez, Alicante/ES & Pol M. Rommens, Mainz, DE

1. Skeletal Trauma: operative vs. non-operative treatment proximal humerus fracture over 60
Christian Krettek, Hannover/DE vs. Mika Paavola, Helsinki/FI
2. Emergency surgery: to drain or not to drain after laparotomy for peritonitis
Andreas Shamiyeh, Linz/AT vs. Mauro Zago, Bergamo/IT
3. Polytrauma: pelvic packing or embolization
Pal Aksel Naess, Oslo/NO vs. Florian Wolf, Vienna/AT
4. Visceral Trauma: hemothorax: simple drain or thoracoscopy?
Henrik Aamodt, NO vs. Gery Bass, Dublin/IR

14:00 – 15:30 Room Stolz
Guest Symposium EBJIS
Myths and Truths about Bone Infection
Chair: Heinz Winkler, Vienna/AT & Andreas Tiemann, Suhl/DE

1. Myth: Antibiotics may cure chronic bone infection – Truth: Systemic Antibiotics are ineffective against intact biofilms, requiring additional surgical intervention
Oskar Janata, Vienna/AT
2. Myth: Vacuum Assisted Closure (VAC therapy) may eliminate chronic bone infection – Truth: VAC therapy does not reduce bacterial load in chronically infected wounds
Martin Clauss, Liestal/CH
3. Myth: Internal fixation is contraindicated in bone infection – Truth: Implants may be used in a single-stage after radical debridement and provision of high local antibiotic concentrations
Heinz Winkler, Vienna/AT
4. Myth: Bone infection may be treated anywhere – Truth: Chronic infections shall be referred to qualified centers
Andreas Tiemann, Suhl/DE

14:00 – 15:30 Room Lehar 1
ICL
Cross Border Rescue – a European initiative to improve patient care
Chair: Hans-Christoph Pape, Aachen/DE & Boris Zelle, San Antonio/US

1. Dutch-German cross border collaboration in traumatology and beyond: the Aachen-Maastricht perspective
Thomas Ittel, Aachen/DE
2. Regional improvements through communication – the Groningen experience
Klaus Wendt, Groningen/NL
3. Cross border relationships in rural area in the southern United States
Boris Zelle, San Antonio/US
4. Northern Europe – how to overcome the sea influence trauma care
Tina Gaarder, Oslo/NO

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5. Boundless Trauma Care Central Europe (BTCCE) Project
Hagen Andruszkow, Aachen/DE
Marian Ramakers-van Kuijk, Maastricht/NL

14:00 – 15:30 Room Lehar 2
Keynote Session
Bleeding 2
Chairs: Jorge Pereira, Viseu/PT & Timothy Williams, US

1. Keynote Lecture: NOACs and emergency surgery: What shall we do?
Jorge Pereira, Viseu/PT
2. O260 - Trauma-induced coagulopathy: potential role of platelet-leukocyte aggregation
J. Zipperle, C. Schlimp, M. Ponschab, P. Dungal, H. Redl, S. Bahrami, H. Schoechl; Vienna, AT
3. O261 - Low-Molecular-Weight Heparin Prophylaxis in Patients with Blunt Solid Organ Injuries undergoing Non-Operative Treatment
T. Khatsilouskaya, T. Haltmeier, M. Cathomas, D. Candinas, B. Schnüriger; Bern, CH
4. O262 - Acute Fibrinolysis Shutdown Without Coagulopathy Following Severe Injury is the Most Common Phenotype of Post Injury Mortality
H. Moore¹, E. Moore¹, E. Gonzalez², M. Chapman¹; ¹Aurora, CO/US, ²Aurora, US
5. O263 - Activated Thrombin-Activatable Fibrinolysis Inhibitor (TAFIa) levels are significantly decreased in patients with early trauma-induced coagulopathy
T. Lustenberger¹, B. Relja², M. Voth¹, P. Störmann¹, I. Marzi¹; ¹Frankfurt, DE, ²Frankfurt Am Main, DE
6. O264 - Hemostasis Efficacy Comparison Among Chitosan-Based Dressings in a Format of sponge, Non-Woven and Woven Gauze
Y. Kuo¹, C. Li², Y. CHEN², T. Lin³; ¹New Taipei City, CN, ²New Taipei City, TW, ³Taipei, TW
7. O265 - The use of massive transfusion protocol for trauma and non-trauma patients in a civilian setting: what can be done better?
R. Wijaya, G. Cheng, C.K. Chong; Singapore, SG
8. O266 - Coagulopathy in Traumatic Brain Injury: fact or fiction?
R. Peralta, R. Consunji, A. Vijay, A. El-Menyar, A. Parchani, H. Abdelrahman, H. Al Thani; Doha, QA
9. O267 - Undefined Gastrointestinal Bleeding Source In Elderly: Exploring Aetiology And Proposing Conservative Management Concept
M. Nasr, Hufof, Al Ahsa, SA

14:00 – 15:30 Room Schubert 1
Guest Symposium EFORT
Periprosthetic and Implant Related Fractures
Chairs: Thomas Freude, Tübingen/DE & Peter Giannoudis, Leeds/UK

1. Upper extremity
Michael Plecko, Graz/AT
2. Periprosthetic acetabular fractures
Peter Giannoudis, Leeds/UK
3. Femur fracture with THR
Thomas Freude, Tübingen/DE
4. Fractures around TKR
Karl-Heinz Frosch, Hamburg/DE
5. Interesting cases
Thomas Freude, Tübingen/DE

14:00 – 15:30 Room Schubert 2
Free Paper Session
Experimental Research in Fracture Treatment
Chairs: Kambiz Sarahrudi, Vienna/AT & Herbert Resch, Salzburg/AT

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1. O268 - Increased serum concentrations of noggin during human fracture healing.
F. Domaszewski¹, A. Thomas², S. Hajdu², K. Sarahrudi²; ¹Wien, AT, ²Vienna, AT
(Nominated for Best Oral Award)
2. O269 - The Role of Dickkopf-1 in Human Fracture Healing
M. Gregori, A. Thomas, S. Hajdu, K. Sarahrudi; Vienna, AT
3. O270 - Therapeutic cells isolated from human adipose tissue – towards a non-enzymatic one-step procedure
E. Oberbauer¹, C. Wurzer¹, C. Steffenhagen¹, S. Süßner², H. Redl¹, C. Gabriel², S. Wolbank¹; ¹Vienna, AT, ²Linz, AT
(Nominated for Best Oral Award)
4. O271 - First experimental experiences of calcium sulphate bone filler for treatment of primary traumatic bone defects and secondary bone defects in posttraumatic osteomyelitis
G. Jukema, M. Romero Toledo, G. Wanner, H. Simmen; Zürich, CH
5. O272 - Impact of bone cement augmentation on the fixation strength of TFNA blades and screws
L. Hofmann-Fliri¹, J. Hagen¹, Y. Agarwal¹, S. Scherrer², A. Weber², M. Altmann², M. Windolf¹, B. Gueorguiev³; ¹Davos, CH, ²Zuchwil, CH, ³Davos-Platz, CH
6. O273 - Intramedullar Polymer For Rapid Stabilization Of Pathological Pelvic Fractures
S. Heck, S. Gick, D. Pennig; Köln, DE
7. O274 - Extracorporeal shockwave therapy (ESWT) ameliorates healing of tibial fracture non-union unresponsive to conventional therapy
R. Mittermayr, N. Haffner, D. Smolen, W. Schaden; Vienna, AT
8. O275 - Tibia deformation in partial weight bearing
B. Ganse¹, P. Yang², J. Gardlo³, P. Gauger³, A. Kriechbaumer³, H. Pape¹, T. Koy³, L. Müller³, J. Rittweger³; ¹Aachen, DE, ²Xi'an, CN, ³Köln, DE
9. O276 - Principle and results of extramedullary nail application in diaphyseal femoral fractures treatment
M. Mitkovic, S. Milenkovic, I. Micic, I. Kostic, M. Mitkovic; Nis, RS
10. O277 - Differential Velocity Calculation for Rapid Detection of Occult Hyperfibrinolytic Coagulopathy by tPA-Challenged Thrombelastography
M. Chapman¹, E. Moore², H. Moore¹, E. Gonzalez¹, J. Chandler¹, A. Morton², C. Fleming¹, A. Ghasabyan¹, C. Silliman¹, A. Banerjee¹; ¹Aurora, CO/US, ²Aurora, US