

FREE PAPER PRESENTATIONS

Sunday, May 25, 2014

08:00 - 10:00 Keynote Session: Surgical Critical Care

Fantasie

Moderation: R. Breederveld¹, V. Bansal²; ¹NL, ²

Accuracy of Non-invasive Haemoglobin Measurement by Spectrophotometry (SpHb) in Trauma Patients in the Surgical Intensive Care Unit (SICU)

S.F. Lim, S. Koh, N. Lim, C.K. Chong; Singapore/SG

Current awareness of abdominal compartment syndrome: Interim results of the World Society of Abdominal Compartment Syndrome AMERICAS Survey

B. Pereira¹, B. Redondano¹, B. de Keulenaer², G. Fraga¹, J. de Waele³, M. Malbrain⁴; ¹Campinas/BR, ²Fremantle, WA/AU, ³Ghent/BE, ⁴Antwerp/BE

Effect of early feeding after emergency surgery in patients with gastrointestinal perforation

S.H. Lee, J.Y. Jang, H.W. Kim, J.G. Lee; Seoul/KR

Do not tight so hard: Intra-abdominal Pressure as a Predictor of Acute Kidney Injury Postoperatively to Abdominal Surgery

A.C. Demarchi, C. Almeida, P. Abreu-Reis, L. Martin, D. Ponce, A. Balbi, U. Teixeira, A. Kochi; Botucatu/BR

Acute corticosteroid insufficiency in polytrauma patients with combined neurotrauma

T. Kusmenkov, M. Brumann, H.J. Schneider, W. Mutschler, V. Bogner; München/DE

Is early tracheostomy after ventral approach to cervical spine elevate the wound infection risk?

S. Schneider, C. Josten, L. Huthmann, U.X. Kaisers, S. Bercker; Leipzig/DE

Extracorporeal lung support and high frequency oscillation ventilation in severe injured patients

J. Swol, D. Buchwald, J. Strauch, T. Schildhauer; Bochum/DE

Use of ACS-TQIP to analyze the cause of unplanned extubation in trauma patients

A. Emmanuel, S. Ellner, D. Shapiro, C. Desai, W. Marshall; Hartford, CT/US

Postoperative Pulmonary Complications (PPC) prevalence in a surgical abdominal population

V. Perilli, P. Ancona, P. Aceto, L. Sollazzi, S. magalini, C. Lodoli, G. Pepe, D. Gui; Rome/IT

Use of double lumen cannula for veno-venous ECMO in trauma patients

M. Gothner, D. Buchwald, J. Strauch, T. Schildhauer, J. Swol; Bochum/DE

Fulminant Clostridium Difficile Colitis: Prospective Development of a Risk Scoring System

G. van der Wilden¹, Y. Chang², C. Cropano², M. Subramanian², I. Schipper¹, D. Yeh², D. King², M. DeMoya², P. Fagenholz², G. Velmahos²; ¹Leiden/NL, ²Boston, MA/US

Vitamin D Status and Severity of Clostridium difficile Infections in Hospitalized Adults

G. van der Wilden¹, P. Fagenholz², G. Velmahos², S. Quraishi³, I. Schipper¹, C. Camargo³; ¹Leiden/NL, ²Boston, MA/US, ³Boston/US



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Sunday, May 25, 2014

08:00 - 10:00 Free Paper Session: Neuro- and Spine Trauma
Moderation: W.I. Steudel¹, M. Keel²; ¹Homburg/DE, ²/CH

Conclusio

Outcomes of traumatic brain injury in Hong Kong: Validation with the TRISS, CRASH, and IMPACT models

G. Wong, Hong Kong/HK

Prospective evaluation of Penetrating Injury of the Neurocranium

O. van Waes¹, E. Reinders Folmer¹, M. Visser¹, E.M. van Lieshout¹, P. Navsaria², J. Schouten¹, A. Nicol², J. Vermeulen¹; ¹Rotterdam/NL, ²Cape Town/ZA

The Effect of Early Chemoprophylaxis on Deep Venous Thrombosis and Inferior Vena Cava Filter Rates in Head Injured patients.

P. Hutchinson, P. Parikh, M. Walusimbi, M. Whitmill, A.P. Ekeh; Dayton, OH/US

Results of Early Decompressive Craniectomy as Surgical Approach for Damage Control of Severe Traumatic Brain Injury Patients in Austere Environments.

A. Rubiano¹, J. Charr¹, N. Carney², J. Puyana³, P..D. Adelson⁴; ¹Neiva/CO, ²Portland, OR/US, ³Pittsburgh, PA/US, ⁴Phoenix, AZ/US

Self-Reported Outcomes after Head Injury – Assault as a Red Flag for Adverse Outcomes

Z. Su, D. Davies, H. Wijesinghe, D. Hacker, A. Belli; Birmingham/UK

The daily practice of immobilizing fractures of the Thoracolumbar Spine

S. Groen¹, J. ten Brinke¹, T. Saltzherr², M. Hogervorst¹; ¹Apeldoorn/NL, ²Amsterdam/NL

Pre-hospital immobilization of the Cervical Spine in the alert patient who were ambulatory on scene after blunt trauma: a retrospective analysis

S. Groen¹, J. ten Brinke¹, T. Saltzherr², M. Hogervorst¹; ¹Apeldoorn/NL, ²Amsterdam/NL

The anterior transarticular C1-2 stabilisation in atlanto-axial instabilities of geriatric patients- benefit and problems

C. Josten, J. Jarvers, U. Spiegl, S. Glasmacher; Leipzig/DE

Loosening rate and loss of correction in multisegmental posterior stabilization with or without PMMA-augmentation of pedicle screws in vertebral fractures of the aging spine.

A. El Saman, S. Meier, A. Sander, A. Kelm, H. Laurer, I. Marzi; Frankfurt Main/DE

Comparison of open vs. MIS reduction capabilities in spinal fractures using the new percutaneous Schanz-screw based Internal Fixator.

A. Pizanis, B. Braun, J. Holstein, T. Pohlemann; Homburg/DE

Clinical Clearance of the Cervical Spine in Children with Blunt Trauma - Results in a Level-II Trauma Center.

I. Vereijken, J. ten Brinke, S. Groen, M. Hogervorst; Apeldoorn/NL

Prehospital immobilization in suspected cervical spine fractures.

J. ten Brinke¹, S. Groen¹, T. Saltzherr², M. Hogervorst¹; ¹Apeldoorn/NL, ²Amsterdam/NL

Sunday, May 25, 2014

08:00 - 10:00 Free Paper Session: Femure Fracture Treatment I

Spektrum 2

Moderation: S. Rose¹, G. Okçu², ¹/LU, ²/TR

Novel Image intensifier based Navigation System for Accurate Lag Screw Positioning–
Comparison of. Navigated TAD measurement vs. a Convention Matched Cohort

G. Heinrichs¹, J. Herzog¹, A. Schulz¹, R.H. Burgkart²; ¹Luebeck/DE, ²Muenchen/DE

New Developed Camera-free Fluorobased Navigation System for Accurate Lag Screw
Positioning – Outcome Conventional vs. Navigated Treatment

R. Burgkart¹, H. Gottschling¹, M. Schröder¹, N. Reimers², B. Robioneck², A. Schulz³;
¹München/DE, ²Schönkirchen/DE, ³Lübeck/DE

Damage Control for Treating Polytrauma patients with Femoral Fractures

O. LUPESCU, M. NAGEA, C. PATRU, A. DIMITRIU, D. LUPESCU; Bucharest/RO

Single injury hip fracture at a level I and level II trauma center: an analysis of quality
measures

J. van Laarhoven, G. Van Lammeren, F. Hietbrink, R. Houwert, C. Van Laarhoven, E.J.
Verleisdonk, L. Leenen; Utrecht/NL

Cutting out in trochanteric fractures can be avoided by I beam profile of the femour neck
component (GN /Gliding Nail)

W. Friedl, Aschaffenburg/DE

Minimally invasive LCP fixation of distal femur fractures (Type A and C)

D. Enchev, M. Rashkov, A. Baltov; Sofia/BG

Initial Experiences And Results With A Dynamic Locking Plate For The Treatment Of
Intracapsular Hip Fractures

D. Gruszká, S. Dietz, R. Kühle, R. Brodt, P. Rommens; Mainz/DE

CT evaluation in femoral trochanteric fractures - Relation to clinical results -

E. Shoda, S. Kitada, K. Ouchi, S. Maruyama, Y. Okada, T. Tanaka, Y. Sasaki; Nishinomiya,
Hyogo/JP

Crossing angle as a predictor of internal fixation failure for a type A of proximal femur
fracture.

M. Krticka, D. Ira, V. Nekuda, M. Masek, J. Švancara; Brno/CZ

Lateral cortical notching - a simple treatment procedure for certain types of nonunions after
proximal femoral nailing

R. Biber, H. Stedtfeld, H.J. Bail; Nürnberg/DE

Lag screws sliding initiation in Mitkovic type Selfdynamysible Internal Fixator (SIF) for
proximal femur

M. Mitkovic, M. Manic, D. Petkovic, M. Mitkovic, I. Kostic; Nis/RS

Evaluation of pre-operative traction in 347 patients with trochanteric fractures treated with a
Gamma3 nail

G. Heinrichs, E. Wilde, A. Schulz; Luebeck/DE

Sunday, May 25, 2014

08:00 - 10:00 Free Paper Session: Trauma Scores and Modeling
Moderation: A. Haider¹, D. Clarke²; ¹US, ²Dorpspruit

Spektrum 1

Novel Scoring Model using A 3-Dimensional Approach for the Assessment of the Quality of National Trauma Systems

H. Al-Thani¹, A. El-Menyar¹, R. Latifi²; ¹Doha/QA, ²Tucson, AZ/US

A quality indicator to benchmark acute care length of stay for trauma admissions

L. Moore¹, H. Stelfox², A. Turgeon³, A. Nathens⁴; ¹Quebec/CA, ²Calgary, AB/CA, ³Quebec, QC/CA, ⁴Toronto, ON/CA

Validation of the Revised Injury Severity Score in patients with traumatic brain injury

R. Raj¹, T. Brinck¹, M. Skrifvars¹, R. Kivisaari¹, J. Siironen¹, R. Lefering², L. Handolin¹; ¹Helsinki/FI, ²Cologne/DE

Volume Does Matter

A. Gunning¹, K. Lansink¹, K. van Wessem¹, Z. Balogh², R. Maier³, L. Leenen¹; ¹Utrecht/NL, ²Newcastle, NSW/AU, ³Seattle, WA/US

Donabedian's structure-process-outcome quality of care model: validation in an integrated trauma system

L. Moore¹, A. Lavoie², G. Bourgeois³, J. Lapointe³; ¹Quebec/CA, ²Québec, QC/CA, ³Montréal, QC/CA

Using the American College of Surgeons Trauma Quality Improvement Program (ACS-TQIP) to determine 30-day complication and hospital readmission rate

A. Emmanuel, S. Ellner, D. Shapiro, W. Marshall; Hartford, CT/US

One Stop Orthopaedic Clinic: Innovative Value-Added Musculoskeletal Radiology In The New Model Of Patient Care Cycle

A. Sahu, P. Sankaye, S. Wake, W. Chong, S. Suresh, A. Gafoor; Plymouth/UK

Outcomes from a Major Trauma Centre - The importance of mechanism of injury.

L. Evans¹, D. Bew²; ¹Norwich/UK, ²London/UK

Ground-Level Falls in Japan

T. FUJITA, Y. UCHIDA, K. NAKAZAWA, M. KITAMURA, T. TSUNOYAMA, H. ISHIKAWA, T. Sakamoto; Tokyo/JP

Patient Evaluation of Outpatient Venous Thromboembolism prophylaxis Service Following Lower Limb Injuries

C. Menakaya, A. Khan, T. Nunn, N. Pennington, M. Ward, R. Malhotra, N. Muthukumar, A. Mohsen; Jz/UK

The potential impact of implementing the Canadian CT Head Rule at an urban trauma center.

D. Petersen, M. Bonta*, J. Elliott, V. Schuler, J. Hubartt; Columbus, OH/US

Description of older trauma patients in the southern county of the Netherlands.

C. van Delft-Schreurs, M. de Jongh; Tilburg/NL

Quality of critical clinical data communication during patient transfer to a Level I Trauma Centre in British Columbia, Canada



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N. Bradley, N. Garraway, J. Li, N. Lakha, R. Simons, S. Hameed; Vancouver, BC/CA

Venous thrombosis following fractures below the knee: A nationwide Danish cohort study

L. Wahlsten¹, H. Eckardt¹, P. Jensen¹, C. Torp-Pedersen², G. Gislason³, J. Olesen³;
¹Copenhagen/DK, ²Aalborg/DK, ³Hellerup/DK

Pre-injury functional status of trauma patients - A comparison with the general Dutch population

M. de Graaf, M. el Moumni, E. Heineman, K. Wendt, I. Reininga; Groningen/NL

The bigger they are the harder they fall: correlations between obesity and trauma patients of a Level 1 trauma center in South Brasil.

P. Abreu-Reis¹, A. Nasr¹, F. Tomasich¹, I. Collaco¹, C. Almeida²; ¹Curitiba/BR, ²Botucatu/BR

Sunday, May 25, 2014

08:00 - 10:00 Keynote Session: Treatment of Humerus Fractures

Illusion 1+2

Moderation: V. Senekovic¹, K. Burkhart²; ¹Ljubljana/SI, ²Cologne/DE

Effect of chronic heavy smoking on proximal humerus fractures healing

W. Jerjes, J. Callear, P. Giannoudis; Leeds, West Yorkshire/UK

Diaphyseal humeral fractures: failure analysis of a single centre series.

V. Wijnen, W. Metsemakers, S. Nijs; Leuven/BE

Radial nerve palsy in humeral shaft fractures with internal fixation: Analysis of management and outcome

T. Schwab, P. Stillhard, C. Sommer; Chur/CH

Proximal Humeral Fractures: Non-Operative Treatment Versus Intramedullary Nailing In 2-,3- and 4-Part Fractures

M. Lange, T. Mittlmeier, G. Gradl; Rostock/DE

Results of the four-part fracture dislocations of the proximal humerus (Neer VI) treated with a locking plate

A. Baltov, D. Enchev, M. Rashkov; Sofia/BG

Prosthesis or angular-stable osteosynthesis in elderly patients with intraarticular fractures of the distal humerus?

K. Schmidt-Horlohé, P. Wilde, L. Becker, M. Weißenberger, R. Hoffmann; Frankfurt Am Main/DE

Is conservative treatment of humeral shaft fracture still relevant in 2014

S. abrassart, P. hoffmeyer; Geneva/CH

Decision-making in severely displaced fractures of the proximal humerus – fracture or surgeon based?

G. Gradl¹, V. Neuhaus², M. Knoke¹, D. Ring², H. Pape¹; ¹Aachen/DE, ²Boston/US

The association between body mass index and the severity of proximal humerus fractures: Effect on fracture union and soft tissue healing

W. Jerjes, J. Callear, P. Giannoudis; Leeds, West Yorkshire/UK

A comparison of interscalene block anaesthesia and general anaesthesia in patients with proximal humerus fracture

S. Baranovic¹, M. Milosevic¹, B. Bakota²; ¹Zagreb/HR, ²Karlovac/HR

Cement augmentation of a proximal humerus plate for osteoporotic fracture. Numerical analysis of a complex problem.

D. Widmer¹, C. Münch¹, M. Forte¹, L. Hofmann-Fliri¹, B. Gueorguiev-Rüegg¹, N. Südkamp², M. Windolf¹; ¹Davos Platz/CH, ²Freiburg/DE

Distal biceps tendon rupture - is surgical intervention really always necessary?

M. Pavelka, H. Schoechl, J. Obrist; Salzburg/AT



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Sunday, May 25, 2014

10:30 - 12:00 Keynote Session: Bone and Tissue Healing after Orthopedic Trauma
Moderation: H. Redl¹, G. Schmidmaier²; ¹Vienna/AT, ²Heidelberg/DE

Spektrum 2

Photodynamic Bone Stabilization - New Horizon in Fracture Treatment

S. Heck, S. Gick, D. Pennig; Köln/DE

Autologous bone grafting with the reamer-irrigator-aspirator(RIA) system: a comparison of bone healing rate to iliac crest bone grafting.

S. Meier, C. Seebach, S. Kraft, M. Zollfrank, J. Frank, D. Henrich, I. Marzi; Frankfurt Main/DE

Alteration of Masquelet's induced membrane characteristics by different kinds of bone cement in a critical size defect model of the rat femur.

D. Henrich¹, C. Nau¹, A. Trumm¹, A. Schaible¹, H. Buchner², C. Seebach³, I. Marzi¹;
¹Frankfurt/DE, ²Wehrheim/DE, ³Frankfurt Main/DE

Autologous growth plate chondrocyte implantation to cartilage lesions of synovial joints.

R. Tomaszewski, A. Gap; Katowice/PL

Differentiation of osteoprogenitor cells is affected by trauma-hemorrhage

C. Neunaber¹, P. Yesilkaya¹, C. Pütz¹, C. Krettek¹, F. Hildebrand²; ¹Hannover/DE,
²Aachen/DE

A Two-Step Approach To Generate Vascular Structures For Tissue Engineering

W. Holthöner, S. Riedl, P. Hofbauer, S. Pfeifer, S. Nuernberger, K. Schneider, P. Aigner, H. Redl; Vienna/AT

Autogenous cultured growth plate chondrocytes transplantation in treatment of physeal injury in rabbits

R. Tomaszewski, A. Gap, B. Ślęzak; Katowice/PL

Reconstruction of long bone defects with a periosteal flap and analysis of the induced bone healing in rats

C. Nau¹, D. Henrich², C. Seebach³, J. Barker⁴, J. Frank³, I. Marzi¹; ¹Frankfurt/DE, ²Frankfurt Am Main/DE, ³Frankfurt Main/DE, ⁴Frankfurt/main/DE



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Sunday, May 25, 2014

10:30 - 12:00 Keynote Session: Prehospital Trauma Care
Moderation: S. Rizoli¹, B. Friemert²; ¹CA, ²Ulm/DE

Spektrum 1

Outcome of air and ground transport of major trauma patients to a tertiary care hospital in Thailand

D. poovootikoon, E. Surakarn; Bangkok/TH

Civilian field experience with a chitosan-based haemostatic dressing

E. Tan, J. Peters; Nijmegen/NL

Pre-hospital trauma care can improve or worse survival in trauma patients?

A. Shiraishi, K. hondo, Y. Otomo; Tokyo/JP

Tourniquets as first aid for haemorrhage – the layman ties himself up in knots!

E. Caruana, S. Micallef, M. Boffa, G. Torpiano, G. Maresca, G. Pace-Moore, J. Borg, P. Schembri-Wismayer; Msida/MT

Using a Mobile App to Help Emergency Medical Service Identifying and Contacting the Nearest Specialty Hospital

C. Juhra¹, J. Born¹, P. Neuhaus¹, T. Vordemvenne¹, R. Hartensuer¹, T. Weber², E. Bartholome², M. Raschke¹; ¹Münster/DE, ²Köln/DE

A Field Delivery System for Frozen Plasma

T. Chin¹, E. Moore², M. Chapman¹, H. Moore¹, E. Gonzalez¹, C.C. Silliman², F..B. West², J. Stringham¹, A. Banerjee¹, A. Sauaia¹; ¹Aurora, CO/US, ²Denver, CO/US

Bystander first aid in trauma

H. Bakke¹, T. Steinvik², S. Eidissen², M. Gilbert², T. Wisborg³; ¹Mo I Rana/NO, ²Tromsø/NO, ³Oslo/NO

Impact of helicopter emergency medical service in traumatized patients: Which patient benefits most?

H. Andruszkow¹, R. Lefering², U. Schweigkofler³, R. Pfeifer¹, K. Horst¹, M. Knobe¹, H. Pape¹, F. Hildebrand¹; ¹Aachen/DE, ²Cologne/DE, ³Frankfurt Am Main/DE



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Sunday, May 25, 2014

14:00 - 15:30 Keynote Session: Injuries during armed conflicts

Illusion 3

Moderation: F. Turegano¹, A. Franke²; ¹ES, ²Koblenz/DE

Penetrating Ballistic and Knife Trauma at a UK Major Trauma Centre: Incidence, Recidivism, Outcomes and Creation of a Trauma Map

R. Weatherburn, R. McDonald, J. Malone, J. Smith, S. Lawrence-Owen, R. Ward, N. Misra;
Liverpool/UK

Severe bomb blast injury of the lower limb - An interdisciplinary approach is the key factor for successful salvage of the extremity

H. Polzer, W. Mutschler; Munich/DE

Multiple blast extremity injuries in Afghanistan: definitive management of local casualties in a Combat Support Hospital

F. Vigouroux¹, L. Mathieu¹, F. rongieras¹, A. Bertani¹, P. Balandraud², S. Rigal³; ¹Lyon/FR,
²Marseille/FR, ³Clamart/FR

Minimizing Missed War-related Injuries

F. Abu-Zidan, Alain/AE

Lessons Learned from Dutch Deployed Surgeons and Anesthesiologists to Afghanistan: 2006- 2010

R. Hoencamp¹, F. Idenburg², E. Vermetten³, L. Leenen³, J. Hamming¹; ¹Leiden/NL, ²Den Haag/NL, ³Utrecht/NL

Landmine Injuries in the Golan Heights

M. Clond¹, S. Biswas², W. Safadi², H. Safadi², A. Hadary², I. Waksman²; ¹Beer Sheva/IL,
²Safed/IL

Combat Liver Trauma: Outcomes of End to End Care

C. Lamb¹, R. Faulconer², D. Mirza², A. Brooks¹, M. Midwinter²; ¹Nottingham/UK,
²Birmingham/UK

Pediatric War injuries in a french military combat support hospital in Afghanistan : a review of 81 cases between july 2009 and march 2012

F. Vigouroux¹, A. Bertani¹, L. Mathieu¹, J.L. Daban², F. rongieras¹, F. Pons³; ¹Lyon/FR,
²Clamart/FR, ³Paris Cedex/FR



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Sunday, May 25, 2014

14:00 - 15:30 Free Paper Session 23: Research in Surgical Education
Moderation: U. Obertacke¹, M. Zago²; ¹Mannheim/DE, ²/IT

Conclusio

Self-efficacy of Surgeons and Anesthesiologist after a Trauma Surgery Course

E. Tan, S. Alken, D. Roelofs, H. van Goor; Nijmegen/NL

Performance improvement program on MRI in spinal trauma

M. Müller¹, M. Kraus², F. Gebhard¹, B. Schmitz¹, M. Cunningham³; ¹Ulm/DE, ²Augsburg/DE, ³Zurich/CH

Awareness of compartment syndrome among ward and junior medical staff

S. Chambers, R. Morrell, D. Downen, D. Inman; North Shields/UK

Achieving a Better Trauma Care: Implementation of Video Feedback on Initial Trauma Management

H. Uchino, A. Kuriyama, H. Okamoto, N. Tamura, R. Echigoya, T. Ikegami, T. Fukuoka; Kurashiki/JP

Evaluating the educational effect of a series of live pediatric trauma webinars

J. Thorley Wiedler¹, T. Slongo², R. Elmer¹; ¹Dübendorf/CH, ²Bern/CH

Checklist: using a model of formative and summative assessment in Laboratory of Skills and Simulation

R. Escudeiro¹, A. Escudeiro¹, G. Escudeiro¹, E. Escudeiro¹, E. Escudeiro¹, R. SOUZA², C. Bento¹, J. Santos¹; ¹Niteroi/BR, ²Niterói/BR

The Trauma Surgery Education and Quality Patient Safety Programs. Joint efforts achieve sustained improvement in clinical outcomes for the injured patients in Qatar.

R. Peralta, R. Consunji, A. Parchani, A. El-Menyar, H. Abdulrahman, H. Hepp, M. Mollazehi, A. Zarour, H. Al-Thani, R. Latifi; Doha/QA

Multidimensional approach to teaching anatomy – do gender and learning style matter?

G. Gradl¹, J. Carow¹, R. Müller-Rath², H. Pape¹, M. Knobe¹; ¹Aachen/DE, ²Neuss/DE



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Sunday, May 25, 2014

14:00 - 15:30 Keynote Session: Injuries of the Lower Leg

Spektrum 2

Moderation: J. Rueger¹, P. Simko²; ¹Hamburg/DE, ²Bratislava/SK

The Retrograde Tibial Nail

S. Kuhn, P. Appelmann, P. Pairon, D. Mehler, P. Rommens; Mainz/DE

Results of the sequential treatment with external fixation and intramedullary nailing without free interval of severe open fractures of the lower limbs.

I. Auñón-Martín, A. Toro-Ibarguen, A. Prada-Cañizares, V. Jimenez-Diaz, P. Caba-Doussoux; Madrid/ES

Inhaled and oral corticosteroids in chronic lung disease patients with ankle fractures: effect on fracture and wound healing

W. Jerjes, J. Callear, P. Giannoudis; Leeds, West Yorkshire/UK

Temporary arthrodesis for isolated ligamentous Lisfranc injuries - A retrospective analysis of 46 patients

F. Krause¹, M. Abassian¹, M. Weber²; ¹Bern/CH, ²Berne/CH

Functional outcome in patients with a wound infection following calcaneal fracture surgery

M. Backes, N. Schep, J. Luitse, J.C. Goslings, T. Schepers; Amsterdam/NL

Health related quality of life in trauma patients who sustained a calcaneal fracture: a retrospective cohort study.

G. Alexandridis¹, L. Leenen²; ¹Tilburg/NL, ²Utrecht/NL

Ankle fracture surgery ; a time for change

M. Ashraf, M.O. Karim, W. Syed, F.,. Elgizawy, M.E. Ashraf Mallhi; Birmingham/UK

Evaluating the functional outcome of ankle fractures using gait analysis

M. NAGEA¹, O. LUPESCU¹, C. PATRU¹, T. AVRAMESCU², N. CIUREA¹, C. DEACONESCU¹; ¹Bucharest/RO, ²Craiova/RO



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Sunday, May 25, 2014

14:00 - 15:30 Free Paper Session: Bleeding and Interventional Strategies

Spektrum 1

Moderation: A. Peitzmann¹, A. Seekamp²; ¹/US, ²Kiel/DE

Preperitoneal Pelvic Packing for treatment of severe pelvic trauma: initial experience.

S. Magnone, R. Manfredi, D. Piazzalunga, F. Coccolini, N. Colaianni, E. Poletti, L. Campanati, E. Poiasina, M. Pisano, M. Lotti, M. Giulii Capponi, G. Nita, L. Ansaloni; Bergamo/IT

Combination of Transcatheter Angiographic Embolization and Surgery for Patients with Multiple Severe Trauma

M. Ueno, H. Honma, J. Oda, K. Nagata, J. Tsurukiri, S. Mishima, T. Yukioka; Tokyo/JP

Successful bleeding control through transarterial embolization in polytrauma-patients with pelvic ring fracture

T. Weber, J. Fakler, M. Moche, J. Boehme, C. Josten; Leipzig/DE

Post-embolization Computed Tomographic Scans Provide Benefits in the Management of Hemodynamically Unstable Patients with Concomitant Pelvic Fractures

S.J. Yang, C.Y. Fu; Taoyuan/TW

A more intensive physiotherapy program improves physical function for trauma patients

S. Calthorpe, E. Barber, A. Holland, L. Kimmel, M. Webb, C. Hodgson, R. Gruen; Melbourne/AU

Transarterial embolization may be an alternative to open surgery in low severity abdominal trauma cases: A report from Japan Trauma Data Bank

T. Ichinose¹, A. Shiraishi², A. Yoshiyuki², Y. Otomo²; ¹Bunkyo-Ku, Tokyo/JP, ²Tokyo/JP

Hemodynamically unstable pelvic trauma in multi-trauma patients. Five years experience.

S. Magnone, R. Manfredi, F. Coccolini, D. Piazzalunga, M. Pisano, E. Poletti, N. Colaianni, E. Poiasina, M. Lotti, L. Campanati, M. Giulii Capponi, G. Nita, L. Rizzi, C. Castelli, L. Ansaloni; Bergamo/IT



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DEUTSCHE GESELLSCHAFT
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Sunday, May 25, 2014

14:00 - 15:30 Instructional Lecture Course: Sport traumatology Illusion 1+2
Moderation: E. Varga¹, N. Südkamp²; ¹HU, ²Freiburg/DE

14:00 - 14:00 Incidence of Recreational Alpine Skiing and Snowboarding Injuries; six years experience in
the largest ski resort in Finland
A. Stenroos, L. Handolin; Hus/helsinki/FI

Sunday, May 25, 2014

16:00 - 17:30 Free Paper Session: Blunt Abdominal Trauma - Spleen and Laparoscopy

Conclusio

Moderation: Z. Balogh¹, T. Gaarder²; ¹AU, ²/NO

Predictive factors of NOM failure in Blunt splenic trauma

N. amharar, Bordeaux/FR

Traumatic perforation of hollow viscus in patients with blunt hepatic and splenic injuries: an analysis of a National Trauma Registry database

F. Swaid¹, B. Kessel², K. Peleg³, I. MATTER¹, O. OLSHA², R. Alfici²; ¹Haifa/IL, ²Hadera/IL, ³Ramat Gan/IL

Nonoperative management of splenic trauma. Improvement after Emergency Department creation. Ten-year experience of a single center

A. Mingoli, G. Mariotta, A. Saracino, B. Binda, E. Papale, C. Modini; Rome/IT

Management of splenic blunt trauma according to facility level: a State-wide study from Quebec trauma registry

T. Bège¹, J. Paquet², G. Bourgeois³, R. Denis³; ¹Marseille/FR, ²Montréal, QC/CA, ³Montréal/CA

Volumetric grading of splenic injury-comparison with anatomic injury scaling of AAST

G. Tomasch, J. Elstner, H. Schoellnast, S. Uranues; Graz/AT

Observation versus embolization in patients with blunt splenic injury after trauma: a propensity score analysis

D. Olthof¹, P. Joosse², P. Bossuyt¹, P. de Rooij³, L. Leenen⁴, K. Wendt⁵, F. Bloemers¹, J.C. Goslings¹; ¹Amsterdam/NL, ²Alkmaar/NL, ³Rotterdam/NL, ⁴Utrecht/NL, ⁵Groningen/NL

Selective nonoperative management for blunt splenic injury in polytrauma patients

M. Teuben, T.J. Blokhuis, L. Leenen; Utrecht/NL

Impact of low- molecular- heparin on the outcome of non-operative management in splenic injury

G. Tomasch, P. Kornprat, S. Uranues; Graz/AT

Blunt Abdominal Trauma and their management, two years experience.

A. Dogjani, B. Hasanaj; Tirana/AL

Is Laparoscopy Still Recommended in Abdominal Trauma?

A. NICOLAU, M. CRACIUN, R. ZOTA, R. CARNU, A. KITKANI; Bucharest/RO

The use of laparoscopy in Japanese trauma patients with abdominal injury

M. Kojima, A. Shiraishi, Y. Otomo; Tokyo/JP

Laparoscopy Decreases the Laparotomy Rate for Patients with Blunt Hollow Viscus Perforation and Mesenteric Injuries

H.F. Lin¹, Y. Chen², K. Lin²; ¹Banqiao Destrict, New Taipei/TW, ²New Taipei/TW

Incidence and mortality of acute care surgery: a French nationwide study

T. Bège, V. Pauly, V. Orléans, S. Berdah, C. Brunet; Marseille/FR



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Sunday, May 25, 2014

16:00 - 18:00 Free Paper Session: Systemic and Local Inflammatory Mechanisms after Trauma

Spektrum 2

Moderation: H. Redl¹, R. Mackersie²; ¹Vienna/AT, ²US

Dose dependent effects of PPAR beta/delta agonists on systemic inflammation after hemorrhagic shock

R. Pfeifer, D. Busch, H. Andruszkow, F. Hildebrand, H. Pape; Aachen/DE

Immediate suppression of TNF- α release capacity after hemorrhage and resuscitation

A. Bahrami, M. Jafarmadar, H. Redl, S. Bahrami; Vienna/AT

Porcine trauma model of chest, abdominal and extremity trauma with hemorrhagic shock – trauma severity as the major criterion

K. Horst¹, M. Sassen², R. Pfeifer¹, F. Debus², F. Hildebrand¹, H. Pape¹, S. Ruchholtz², D. Eschbach²; ¹Aachen/DE, ²Marburg/DE

First long time porcine polytrauma investigation combining lung, liver and lower limb traumatization with severe hemorrhage

D. Eschbach¹, M. Sassen¹, J. Mohr¹, T. Steinfeldt¹, A. Gockel¹, F. Hildebrand², H. Pape², S. Ruchholtz¹, K. Horst²; ¹Marburg/DE, ²Aachen/DE

The modulation of the immune response by therapeutic hypothermia in a porcine multiple trauma model

A. Haug¹, C. Seeliger¹, S. Kelch¹, K. Karpinski¹, D. Eschbach², J. Mohr², M. Fröhlich³, M. Weuster⁴, S. Ruchholtz², M. van Griensven¹; ¹Munich/DE, ²Marburg/DE, ³Cologne/DE, ⁴Kiel/DE

Molecular mechanisms underlying intrinsic apoptosis resistance in neutrophils (PMN) from polytraumatized patients

T. Hornstein, A. Paunel-Görgülü, S. Flohe, T. Lögters, J. Windolf; Düsseldorf/DE

Leukocyte kinetics after major trauma

M. Heeres, L. Koenderman, L. Leenen; Utrecht/NL

Homology in systemic neutrophil response induced by a polytraumamodel in pigs and by human trauma

M. Teuben¹, T.J. Blokhuis¹, E. Tan², L. Koenderman¹, L. Leenen¹; ¹Utrecht/NL, ²Nijmegen/NL

Microparticles are drivers of the host response in severely injured trauma patients

K. Balvers, D. Kleinveld, R. Nieuwland, A. Boing, J.C. Goslings, N. Juffermans; Amsterdam/NL

Attenuated bacterial killing by a subpopulation of neutrophils as a possible cause of post-traumatic sepsis.

P. Leliefeld, M. Heeres, S. Rooijackers, L. Koenderman, L. Leenen; Utrecht/NL

The Effects of Hypoxia on Systemic Markers of Inflammation in Normal Healthy Volunteers

C. Lamb¹, M. Foster¹, M. Howley¹, A. Mellor¹, D. Woods¹, J. O'Hara², M. Midwinter¹; ¹Birmingham/UK, ²Leeds/UK

Model of post-traumatic lung injury in mice

R. Pfeifer, H. Andruszkow, P. Kobbe, M. Knobe, K. Horst, F. Hildebrand, H. Pape; Aachen/DE

Monday, May 26, 2014

08:00 - 10:00 Keynote Session: WHO The Care of the Injured - The Problems

Illusion 3

Moderation: G.P. Fraga¹, R. Latifi²; ¹Campinas/BR, ²Tucson, AZ/US

Characteristics and survival time of polytrauma fatalities in road traffic accidents: an autopsy study

C. Holzmann¹, S. Schick², W. Hell², H. Pape¹, M. Graw², R. Pfeifer¹; ¹Aachen/DE, ²Munich/DE

Pattern of mortality in severely injured patients: an autopsy study

R. Pfeifer¹, S. Schick², C. Holzmann², M. Graw², W. Hell², F. Hildebrand¹, H. Pape¹;
¹Aachen/DE, ²München/DE

Fatal combinations of injury in polytrauma patients after road traffic accidents

S. Schick¹, C. Holzmann², D. Niehsen¹, W. Hell¹, M. Graw¹, H. Pape², R. Pfeifer²;
¹Munich/DE, ²Aachen/DE

Rollover Car Crashes With Ejection - A Deadly Combination: A report from Qatar

R. Latifi, A. El-Menyar, H. Al Thani; Doha/QA

Alcohol Screening of Trauma Patients in Qatar

R. Consunji MD MPH, R. Peralta, H. Al-Thani, M.R. Mollazahi, H. Abdulrahman, A. Parchani,
A. El-Menyar, A. Zarour, R. Latifi; Doha/QA

Child Occupants in Motor Vehicle Crashes in Qatar: Predictors of Survival

R. Consunji MD MPH, R. Peralta, A. El-Menyar, H. Al-Thani, H. Hepp, M. mollazahi, R. Latifi;
Doha/QA

Bicycle accidents in big cities, an increasing danger?

O. Özkurtul, J. Fakler, T. Weber, S. Seinen, C. Josten; Leipzig/DE

How much is it to ride on 2 wheels? The financial burden of motorcycle accidents in hospital expenses – data from a Level 1 Trauma center in South Brazil.

P. Abreu-Reis, A. Nasr, I. Collaco, F. Tomasich, W. Cecilio, F. Castro, R. Toledo Filho, F. Marcolini; Curitiba/BR

Trauma deaths in southern Thailand

O. Akaraborworn, K. Thongkhao, K. Kaewsangrueang, P. Chiniramol, B. Sangthong; Hatyai Songkhla/TH

Trauma System Evaluation in Albania Using American College of Surgeons Basic Criteria

R. Latifi, Tucson, AZ/US

Introduction of a tailored trauma check-list in a rural African hospital: implementation process and preliminary results

M. Zago¹, A. Boukari Kadiri², C. Ahnonga², E. Guaitoli³, R. Caronna³, P. Chirletti³, S. Adeniran², G. Priuli²; ¹Psp Bergamo/IT, ²Tanguieta/BJ, ³Rome/IT

Children Safety Devices in Brazil – Why Do People Don't Use Them After Sanction Of The Law?

M.V. Cezillo¹, S. Abib¹, C.A. Menegozzo¹, B. Müller², A. Françaia², F. Ricci²; ¹Sao Paulo/BR, ²São Paulo/BR



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Monday, May 26, 2014

08:00 - 10:00 Keynote Session: Military Surgery Organisation
Moderation: M. Bemelman¹, F. Pons²; ¹NL, ²FR

Spektrum 1

Traumateam Czech Republik - EU Civil Protection MODEX Falck Examination
P. Nestrojil, Brno/CZ

Implementing the new NATO Medic curriculum in the Danish Armed Forces Health Services educational program

M. Mølmer¹, A.M. Fenger², A.M. Knudsen²; ¹Hillerød/DK, ²Gadstrup/DK

Hospital Disaster Plan: Efficacy Of Simulation As Training Tool For Hospital Staff Members
R. Faccincani, M.T. Cibelli, P. Bergonzi, M. Carlucci, M. Spessot, A. Zangrillo; Milano/IT

Roadmap of a French combat surgeon: about three intensive weeks with the 6th Forward surgical team, supporting the war in Mali in 2013.

E. HORNEZ¹, J. Danis¹, P. Ramiara², S. Rigal¹, F. Pons³; ¹Clamart/FR, ²Toulon/GF, ³Paris Cedex/FR

Incidence and Epidemiology of Casualties treated at the Dutch role 2 Enhanced Medical Treatment Facility at Multi National Base Tarin Kowt, Afghanistan in the period 2006-2010

R. Hoencamp¹, F. Idenburg², J. Hamming¹, E. Tan³; ¹Leiden/NL, ²Den Haag/NL, ³Nijmegen/NL

Interface of hospital command center and prehospital command structures. Lessons learned from a hospital evacuation szenario in Germany

F. Wagner, M. Dotzer, M. Adamski; Murnau/DE

Caring for casualties from a country during civil war

D. Fuchs, Zefat/IL

Nurses role in Mass Casualty Events

J. Benbenishty, Jerusalem/IL

Monday, May 26, 2014

08:00 - 10:00 Keynote Session: New Aspects in Educational Research

Conclusio

Moderation: M. Cunningham¹, M. Bowyer²; ¹Zurich/CH, ²Fairfax/US

BLS to laic people - Scout Groups in Rio de Janeiro, Brazil

A. Escudeiro, R. Escudeiro, G. Escudeiro, E. Escudeiro, E. Escudeiro; Niteroi/BR

Bootcamp – First impressions of a longitudinal gender based surgical and clinical skills training

G. Gradl, B. Derntl, M. Simon, S. Sopka, H. Pape, M. Knobe; Aachen/DE

Combined DSTC and DATC Course, 5 years of experience

E. Tan¹, C. Bleeker¹, M. Rensink¹, N. Schaapveld², A. Van Vugt³; ¹Nijmegen/NL, ²Tilburg/NL, ³Enschede/NL

The rising of a national programa on injury prevention on youth in Brazil

A. Dorigatti¹, M. Matos¹, T. Calderan¹, R. Carvalho¹, A.H. Scarpelini², J. Banfield³, G. Fraga¹; ¹Campinas/BR, ²Ribeirão Preto/BR, ³Toronto, ON/CA

A team-based-learning approach for teaching complex practical skills – boon or bane?

G. Gradl¹, J. Carow¹, M. Pishnamaz¹, M. Rüsseler², M. Simon¹, S. Sopka¹, S. Beckers¹, H. Pape¹, M. Knobe¹; ¹Aachen/DE, ²Frankfurt/DE

Use of telemedicine for teaching Patient Safety

A. Dorigatti, A. Capone Neto, T. Calderan, A. Silva II, T. Zago, A. de Godoy, G. Fraga; Campinas/BR

From Accident to OR - A Multidisciplinary VR based Training Course

J. Beardi, Neustadt/DE

Surviving traumatic physical injury: a systematic synthesis of current knowledge

R. Ogilvie¹, A. McCloughen², K. Curtis², K. Foster²; ¹Garran, ACT/AU, ²Camperdown, NSW/AU

Measuring illness beliefs in patients with injuries of the lower extremities – Validity and reproducibility of the Dutch version of the Somatic Pre-Occupation and Coping questionnaire (SPOC-NL)

I. Reininga¹, S. Brouwer¹, J. Busse², S. Ebrahim², K. Wendt¹, M. el Mounni¹; ¹Groningen/NL, ²Hamilton, ON/CA

Improved Outcomes with a Procedural Check List for Pleural Decompression and Drainage in Trauma

M. Fitzgerald¹, M. Anderson², K. Martin²; ¹Melbourne, VIC/AU, ²Melbourne/AU

Monday, May 26, 2014

08:00 - 10:00 Keynote Session: Abdominal Emergencies

Illusion 1+2

Moderation: R. Ivatury¹, K. Taviloglu²; ¹/US, ²/TR

Laparoscopic surgical treatment of emerging diseases of the colon

B. benini, C. Benucci, E.A. adami, P. marini; Rome/IT

Outcome of esophageal perforation in adults: 10-year experience in a single center

L. Bonavina, A. Aiolfi, Y. Macchitella, D. Bona, E. rausa; San Donato Milanese/IT

Theoretical Operative Strategies for Boerhaave syndrome

T. TSUNOYAMA, T. FUJITA, M. KITAMURA, K. NAKAZAWA, Y. UCHIDA, H. ISHIKAWA, T. Sakamoto; Tokyo/JP

The role of serial serum lactacidosis measurements in acute mesenteric ischemia to predict the extent of ischemic bowel and outcome of patients

P. Studer, A. Vaucher, D. Candinas, B. Schnüriger; Bern/CH

Laparoscopic Lesser Omentum Patch; A Novel Emergency Surgery Technique Managing Perforated Peptic Ulcers

M. Nasr, Manama/BH

Can We Use Contrast Enhanced CT Instead of Diffusion Weighted MR in Patients with Acute Bilier Pancreatitis ?

M. Üçüncü, M. İlhan, A.F.K. Gök, H. Yanar, R. Güloğlu, K. Günay, C. Ertekin; İstanbul/TR

Emergency stoma : experience of a district hospital

I. Caldas, A. Trovão, L. Costa, M. Nora; Santa Maria Da Feira/PT

Risk prediction of mortality in perforated peptic ulcer

K. Thorsen, J.A. Søreide, K. Søreide; Stavanger/NO

The Treatment of Acute Calculous Colecystis: the analysis of preliminary results of a shared model of treatment and the need to construct an Institutional evidence based pathway.

M. Pisano, M. Ceresoli, F. Coccolini, E. Poiasina, D. Piazzalunga, F. Ghezzi, M. Giulii Capponi, M. Lotti, L. Campanati, N. Colaiani, E. Poletti, C. Merli, C. Arici, S. Greco, P. Ravelli, L. Ansaloni; Bergamo/IT

Emergency Cholecystectomy; An Economic Evaluation of Practice at an Emergency General Surgery Unit

N. Misra¹, N. Grimes¹, E. McChesney¹, D. Dunne², G. Poston², S. Fenwick², H. Malik²; ¹Liverpool/UK, ²AI/UK

Early cholecystectomy for acute cholecystitis: breaking down the barrier of the golden 72-hours limit.

L. Degrate, A.L. Ciravegna, M. Luperto, L. Gianotti, P. Padalino, F. Romano; Monza/IT

Clip and Drop - Clear Cut Control in Non-Trauma Surgery

J. Correia, F. Ferreira, E. Barbosa, E. Guerreiro, C. Santos, A. Taveira Gomes; Matosinhos/PT



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Monday, May 26, 2014

08:00 - 10:00 Keynote Session: Soft Tissue Injuries

Spektrum 2

Moderation: M. Keel¹, J. Frank²; ¹/CH, ²Frankfurt/DE

Analysis of the Compartment Syndrome of the Thigh in 83 consecutive cases

R. Schmidt, P. Rameder, S. Boesmueller, W. Machold; Vienna/AT

Effect of Negative Pressure Wound Therapy on infection complications of grade III open fractures.

M. Krticka, D. Ira, A. Bilik, V. Nekuda, M. Masek, J. Švancara; Brno/CZ

Effects of Negative Pressure Wound Therapy on Lower Leg Fasciotomy Wound Closure

D. Ira, M. Krticka, A. Bilik, M. Masek, R. Pikula; Brno/CZ

The prevention of wound infection in high risk abdominal wound closures by Negative Pressure Wound Therapy (NPWT)

L. Fattori, S. Coppola, A. Leva; Monza/IT

Risk Factor Analysis in 280 Cases of Negative-Pressure Wound Therapy

G. Osterhoff, P. Zwolak, C. Krüger, V. Wilzeck, H. Simmen, G. Jukema; Zürich/CH

Topical silver agents in treatment of partial thickness burn wounds in children: a systematic review and meta-analysis

Z. Rashaan, P. Krijnen, O. Dekkers, R. Breederveld; Leiden/NL

Missing data in preclinical care of severely burned patients

B. Ziegler, M. Münzberg, S. Fischer, T. Harbers, T. Kremer, C. Wölfl, P. Grützner, U. Kneser, C. Hirche; Ludwigshafen/DE

Prehospital treatment of severely burned patients: 79% arrive with hypothermia at the centre

T. Harbers, M. Münzberg, C. Wölfl, P. Grützner, T. Kremer, S. Fischer, B. Ziegler, U. Kneser, C. Hirche; Ludwigshafen/DE

Multi - Trauma Burns Injuries in Victoria: A Ten Year Review

C. Bell, M. Pacquola, Y. Singer, H. Cleland, B. Gabbe; Prahran, VIC/AU

Primary clinical management of burn injured patients in Germany, Austria and Switzerland

B. Ziegler, C. Hirche, T. Harbers, S. Fischer, C. Wölfl, T. Kremer, P. Grützner, U. Kneser, M. Münzberg; Ludwigshafen/DE

Three-dimensional imaging: a novel, reliable, and valid technique for measuring total body surface area in burns

Z. Rashaan¹, C. Stekelenburg², M. van der Wal², R. Breederveld¹; ¹Leiden/NL, ²Beverwijk/NL



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Monday, May 26, 2014

10:30 - 12:00 Keynote Session: Adaption of Surgical Procedures in Military Conflicts
Moderation: S. Lennquist¹, B. Hreckovski^{2, 1, 2}/HR

Spektrum 1

Delayed vascular trauma repair in war surgery

T. Salamon, A. Altshuler; Zefad/IL

Saving Limbs in War

J. Wilson, C. Shenhar, K. Shukri, A. Lerner, A. Hadary, S. Biswas; Safed/IL

Hot Air Balloon Crashes - is there a common denominator: single center experience in comparison with other major events

M. Kisilak, A. Fischinger, M. Cimerman, A. Kristan; Ljubljana/SI

Decompressive craniectomy – different timepoints for civilian and military head injury ?

C. Schulz, U. Mauer, U. Kunz; Ulm/DE

Soft tissue coverage of combat-related extremity injuries: use of pedicle flaps on the battlefield

F. rongieras¹, L. Mathieu¹, F. Vigouroux¹, A. Bertani¹, N. Pellet², C. Gaillard³; ¹Lyon/FR, ²Bordeaux/FR, ³Toulon/FR

Improved survival in UK combat casualties from Iraq and Afghanistan: 2003-2012

J. Penn-Barwell, S. Roberts, J. Bishop, M. Midwinter; Birmingham/UK

Infected shotgun fractures of long bones. Ten years experience with application of Ilizarov method

C. Matzaroglou¹, A. Kouzelis¹, A. Saridis²; ¹Rio, Patras/GR, ²Drama/GR



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Monday, May 26, 2014

10:30 - 12:00 Instructional Lecture Course: Achievement and Advances of ATLS

Conclusio

Moderation: I. Schipper¹, C. Wölfl²; ¹Leiden/NL, ²Ludwigshafen/DE

Application of cervical collars – An analysis of practical skills of prehospital care providers and emergency physicians.

M. Münzberg¹, S. Goller¹, G. Rauch², B. Gliwitzky³, C. Wölfl¹, S. Matschke¹, M. Kreinest¹;

¹Ludwigshafen/DE, ²Heidelberg/DE, ³Offenbach/queich/DE



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Monday, May 26, 2014

14:00 - 15:30 Free Paper Session: Femur Fracture Treatment

Spektrum 2

Moderation: B. Bakota¹, C. Juergens²; ¹HR, ²Hamburg/DE

Dynamisations In The Axis Of The Neck And In The Long Axis Of The Femur are Both Important In The Surgical Treatment Of Pertrochanteric Fractures

M. Mitkovic, S. Milenkovic, I. Micic, M. Mitkovic; Nis/RS

Retrograde femoral nails for intercondylar femoral fractures

A. Eid, S. Elgawhary; Zagazig/EG

Fixator-assisted internal fixation in periprosthetic fractures of the femur

A. Chelnokov¹, I. Piven¹, A. Sitnik²; ¹Ekaterinburg/RU, ²Minsk/BY

Lesser trochanter avulsion in a proximal femur fracture: does it affect hip flexion strength?

A. Aprato¹, R. Lo Baido², A. Crosio², R. Matteotti¹, E. Grosso¹, A. Massè²; ¹Torino/IT, ²Orbassano/IT

At this moment it is not possible to predict which femoral fractures will need dynamisation during the treatment using internal fixation

M. Mitkovic¹, S. Milenkovic¹, I. Micic¹, I. Kostic², M. Mitkovic¹; ¹Nis/RS, ²Nis/AT

Mini-invasive cerclage

B. concetto, Ascoli Piceno/IT

Locked nailing with stem lengthening in periprosthetic femoral fractures

A. Chelnokov¹, I. Piven¹, I. Shlykov¹, P. Ivanov²; ¹Ekaterinburg/RU, ²Moscow/RU

Outcome in patients undergoing a lateral, transgluteal approach versus anterior minimal invasive surgery in hip hemiarthroplasty for femoral neck fractures: A prospective clinical trial

H. Frei¹, M. Rudin², A. Leucht², T. Hotz², F. Kalberer², K. Käch²; ¹Davos Platz/CH, ²Winterthur/CH



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Monday, May 26, 2014

16:00 - 17:30 Free Paper Session: New Diagnostic Procedures

Spektrum 1

Moderation: J. Verbruggen¹, P. Wendsche²; ¹Maastricht/NL, ²Židlochovice/CZ

Novel Scoring System for Prediction of Early Trauma Coagulopathy: Traumatic Coagulopathy Predictions Score (TCP Score)

T. Ogura¹, M. Nakano¹, M. Nakamura¹, K. Fujizuka¹, Y. Izawa²; ¹Maebashi/JP, ²Shimotsuke/JP

“Isolated” Greater Trochanteric Fractures - Are they Really?

E. Rees, F. Wotton, P. Sankaye, A. Sahu, S. Suresh, A. Gafoor; Plymouth/UK

Who needs an expert? A tool for optimal triage of general surgical patients in the Emergency Department

L. Evans, V. Sankaran, J. Evans; Norwich/UK

Implementation of the NEXUS criteria in a general hospital in the Netherlands: a retrospective analysis

A. Prins, A. Koleva, S. Groen, J. ten Brinke, M. Hogervorst; Apeldoorn/NL

Predictors of a positive subxiphoid pericardial window in patients with penetrating injuries to the precordial region

A. GARCIA¹, A. SANCHEZ¹, M. ATEORTUA¹, J. Puyana²; ¹Cali/CO, ²Pittsburgh, PA/US

Initial Lactate Levels in Patients with Isolated Penetrating Extremity Trauma

I. Folkert¹, C. Sims¹, J. Pascual², S. Allen², P. Kim², D. Holena¹; ¹Philadelphia, PA/US, ²Philadelphia/US

Post-mortem radiology versus classical autopsy in trauma victims – A systematic review of injuries per body region.

H. Jalalzadeh, G. Giannakopoulos, W. Zuidema; Amsterdam/NL

Diagnostic dilemma of Diagnosing Occult Scaphoid Fractures: A Debate on Best Imaging Modality with Current Review of Literature.

A. Sahu, S. Unwin-Gold, F. Wotton, P. Sankaye, A. Gafoor, S. Suresh; Plymouth/UK

Monday, May 26, 2014

16:00 - 17:30 Keynote Session: Experimental Research

Spektrum 2

Moderation: A. Bahrami¹, M. Lehnert²; ¹Vienna, /AT, ²Frankfurt/DE

Regenerating the anterior cruciate ligament using a silk-fiber based scaffold device

A. Teuschl, S. Nürnberger, P. Heimes, P. Szomolanyi, S. Trattnig, H. Redl, T. Nau; Vienna/AT

The influence of negative pressure wound therapy with and without instillation technique on neoangiogenesis in wound healing: a swine study and first results in human wound healing with osteomyelitis

G. Jukema¹, M. Timmers², D. Mihic-Probst¹, J. von der Thüsen³, H. Simmen¹; ¹Zürich/CH, ²Lelystad/NL, ³Den Haag/NL

Measurement of serum lactate accurately predicts mortality in patients with pelvic fracture.

S. Yoshikawa¹, A. Shiraishi², M. Kojima², T. Shoko¹, Y. Otomo²; ¹Matsudo/JP, ²Tokyo/JP

Cytotoxicity evaluation of the solutions Chlorhexidine concentrations from 2.5% to 5% and the indication of surgical prophylaxis

C. Cruz¹, W. Liberato¹, M.T. Kalil², M. Kalil³; ¹Rio De Janeiro/BR, ²Niteroi/BR, ³Niterói/BR

Low Level Light by LED promotes healing processes in a skin flap model in rats

P. Dungal, J. Hartinger, H. Redl, R. Mittermayr; Vienna/AT

Iron-mediated injury of mitochondria is attenuated by nitrite

P. Dungal, M. Perlinger, A. Weidinger, H. Redl, A. Kozlov; Vienna/AT

Towards splenic modeling in trauma: mechanical behaviour of human spleen in compression experimental tests.

S. anne sophie, Marseille/FR

Impact of focal brain cooling on Aquaporin-4 level in mouse model of posttraumatic decompressive craniectomy.

J. Szczygielski¹, A. Mautes¹, A. Müller¹, C. Glameanu¹, M. Klotz², K. Schäfer², C. Sippl¹, K. Schwerdtfeger¹, W. Steudel¹, J. Oertel¹; ¹Homburg / Saar/DE, ²Zweibrücken/DE

Monday, May 26, 2014

16:00 - 18:00 Keynote Session: Polytrauma Outcome

Conclusio

Moderation: A. Haider¹, E. Neugebauer²; ¹US, ²Cologne/DE

Medical relevant incidental findings after Polytrauma-CT scan - Is the radiation exposure justified?

O. Özkurtul, J. Fakler, T. Weber, C. Josten; Leipzig/DE

Injury Severity Score calculation in major trauma patients – Requirements and pitfalls in radiological MSCT report

M. Brumann, T. Kusmenkov, K.G. Kanz, F. Berger, W. Mutschler, V. Bogner; Munich/DE

Is CT scan the tunnel of death in most severely injured trauma victims?

A. Shiraishi¹, K. Nakatsutsumi², Y. Otomo²; ¹Tokyo/JP, ²Bunkyo/JP

Trimodal pattern of deaths after trauma: revisited

B. Sangthong¹, O. Akaraborworn¹, K. Thongkhao¹, C. Supavita¹, J. Sangtong¹, P. Chainiramol¹, K. Kaewsangrueang¹, R. Sangthong²; ¹Hatyai Songkhla/TH, ²Hat-Yai/TH

Emergency Trauma score as a predictor of mortality in clinical practice.

A. Fischinger, M. Tomaževič, M. Cimerman, A. Kristan; Ljubljana/SI

Preventable or Potentially Preventable Trauma Deaths: A Challenge for Trauma Care System

O. Akaraborworn, K. Thongkhao, C. Supavita, J. Sangtong, P. Chainiramol, K. Kaewsangrueang, R. Sangthong, B. Sangthong; Hat-Yai/TH

Choice of Injury Scoring System to Predict Mortality at an Urban Trauma Center in Mumbai, India

A. Laytin¹, V. Kumar², C. Juillard¹, R. Dicker¹, N. Roy²; ¹San Francisco, CA/US, ²Mumbai/IN

Aggressive operative treatment of isolated blunt traumatic brain injury in the elderly leads to favourable outcome

S. Wutzler¹, R. Lefering², A. Wafaisade², M. Maegele², F. Walcher¹, H. Wyen¹, I. Marzi¹, H. Laurer¹; ¹Frankfurt/DE, ²Cologne/DE

Impact of TraumaNetwork-Initiative in Multiple Trauma Patient Care in Germany

A. Ernstberger, C. Knoch, M. Nerlich; Regensburg/DE

Trauma Registries--Creating them from pre-existing administrative databases

M. Kesinger¹, L. Nagy¹, E. Etchill¹, D. Sequira¹, A. Rubiano², J. Puyana¹; ¹Pittsburgh, PA/US, ²Neiva/CO

Trauma Registry Comparison: Survival of unconscious trauma patients in Southern Finland and Germany

T. Brinck¹, R. Raj¹, M. Skrifvars¹, R. Kivisaari¹, J. Siironen¹, R. Lefering², L. Handolin¹; ¹Helsinki/FI, ²Cologne/DE

The Clinical and Economic Benefits of the Centralization and Creation of an Emergency General Surgery Unit in the UK

N. Misra¹, R. Wetherburn¹, J. Jensen², R. Ward¹; ¹Liverpool/UK, ²AI/UK

Tuesday, May 27, 2014

08:00 - 10:00 Free Paper Session: Elbow and Forearm Fractures

Fantasie

Moderation: C. Sommer¹, D. Zivanovic²; ¹/CH, ²/RS

Management of Comminuted Olecranon and Proximal Ulna Fractures Using an Anatomical, Precontoured Plate

R. Jeavons¹, D. Ryan¹, D. Burton¹, J. McVie²; ¹Darlington/UK, ²Middlesbrough/UK

Floating elbow: our experience.

V. Jiménez, I. Auñón, A. Toro-Ibarguen, M. Aroca, D. Cecilia, V. Rodríguez, P. Caba-Doussoux; Madrid/ES

Five-year results of total elbow arthroplasty as treatment of complex injuries of the elbow in elderly patients

L. Becker, K. Schmidt-Horlohé, H. Rudolph, Y. Kim, R. Hoffmann; Frankfurt Am Main/DE

No difference in complications, functional and radiographic outcomes between dorsal or volar plate fixation of the distal radius

D. Disseldorp, P. Brink, M. Poeze, P. Hannemann; Maastricht/NL

Patient Reported Outcome Measures Following Internal Fixation Of Distal Radius Fractures.

D. Ryan¹, R. Jeavons², H. Thirkettle², J. Auyeung²; ¹Darlington/UK, ²Durham/UK

Surgery versus cast immobilization for distal radius fractures in elderly patients

C. Bartl, P. Gronau, F. Gebhard; Ulm/DE

Functional outcome assessment of patients who have undergone Open Reduction Internal Fixation (ORIF) for Distal Radius Fractures over a 20 month period – A Single Centre Study

C. Lodge, A. Berg, S. Chambers, R. Nanda; Stockton-On-tees/UK

The use of bone grafts is unnecessary in the treatment of malunited distal radius fractures

D. Disseldorp, P. Brink, P. Hannemann, M. Poeze; Maastricht/NL

Determinants of Disability after PIP Sprains or Dislocations

A.G.J. Bot, S. Bekkers, J.H. Herndon, C.S. Mudgal, J.B. Jupiter, D. Ring; Boston/US

Minimally invasive screw fixation of mallet fractures using a special target forceps

B. Braun¹, A. Pizanis¹, C. Braun², T. Pohlemann¹; ¹Homburg/DE, ²Kleve/DE

Intramedullary Osteosynthesis with the XS-nail in Ulna shortening Osteotomy.

W. Friedl, Aschaffenburg/DE



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Tuesday, May 27, 2014

08:00 - 10:00 Free Paper Session: Socio-Economic aspects after Trauma

Illusion 3

Moderation: V. Vecsei¹, P. Vassiliu²; ¹/AT, ²/GR

The management of trauma patients in the Emergency Department of a University Hospital in Greece. Is there any room for improvement?

I. Gerogiannis, P. Kambaroudi, D. Karamitrou, A. Kambaroudis, A. Toubelias, C. Spyridis;
Thessaloniki/GR

Teletrauma in Albania – Seeking Solutions for a Challenging National Trauma System

A. Dogjani¹, F. Ollashi¹, E. Dasho¹, L. Shosha¹, R. Latifi²; ¹Tirana/AL, ²Tucson, AZ/US

Socioeconomic Trends of Trauma: An Analysis of Emergency Ward Patients in Yaoundé, Cameroon

S. Kacker¹, D. Bishai¹, G. Etoundi², M. Monono², E. Schneider¹, K. Stevens¹, C. Juillard³;
¹Baltimore, MD/US, ²Yaounde/CM, ³San Francisco, CA/US

Seasonal distribution of clinical coding

N. von Dercks, C. Josten; Leipzig/DE

Assaults Toward Emergency Medicine Physicians In Egypt : Analysis By Demographic Prevalence And Event Characteristics.

T. Montaser, Cairo/EG

Quality of Life, Societal Participation and Fatigue in Polytrauma patients admitted to two Dutch Level I Trauma centers

L. van Rooijen, H. Leijdesdorff, P. Krijnen, I. Schipper; Leiden/NL

A systematic review assessing the impact of the introduction of dedicated emergency surgical services

P. Chana, S. Arora, E. Burns, O. Faiz; London/UK

The Cause and Economic Burden of Emergency Readmissions to an Emergency General Surgery Unit

J. Poonian, C. Machin, R. Ward, N. Misra; Liverpool/UK

Evaluation of the Alvarado Score in Patients who Underwent Surgery for Acute Appendicitis

C.A. Menegozzo, M.V. Cezillo, S. Lin; Sao Paulo/BR

The difficulties of diagnosis and management of acute appendicitis in a rural area hospital

E. Ozkurt¹, İ.Ş. Sarici², H. Tanriverdi¹, M. Kafadar¹, U. Tali¹; ¹Bitlis/TR, ²Osmaniye/TR

Significance of C-reactive protein in diagnosis of appendicitis complications

S. Sekulic¹, A. Sekulic-Frkovic¹, A. Milankov²; ¹Gracanica/RS, ²Novi Sad/RS

Closure Of Open Abdomen In The Same Admission By Using Component Separation Technique

M. Alhabboubi, M. Elhusseini, F. Hamadani, M. Sudarshan, D. Deckelbaum, T. Razeq, S. Iqbal, K. Khwaja; Montreal, QC/CA

Tuesday, May 27, 2014

08:00 - 10:00 Free Paper Session: Tibial Injuries

Conclusio

Moderation: P. Biberthaler¹, J. Rueger²; ¹Munich/DE, ²Hamburg/DE

Are obesity and gender specific risk factors for complications after intramedullary nailing of tibial shaft fractures?

K. Handojo¹, W. Metsemakers¹, P. Reynders², S. Nijs¹; ¹Leuven/BE, ²Brussel/BE

Evidence supporting causal role of intraoperative damage in genesis of anterior knee pain after tibial nailing

A. Jankovic, Z. Korac, N. Bozic; Karlovac/HR

External skeletal fixation as temporary and definitive method in complex proximal and distal tibial fractures treatment

M. Mitkovic, S. Milenkovic, I. Micic, M. Mitkovic; Nis/RS

Comparison of minimally invasive plate versus intramedullary nail fixation in the treatment of distal tibial metaphyseal fractures

F. Say¹, E. İnkaya¹, D. Gürler¹, M. Bülbül²; ¹Samsun/TR, ²İstanbul/TR

Suprapatellair nailing for tibial fractures. New toy waiting for new problems ?

P. Reynders¹, C. Dobre²; ¹Brussel/BE, ²Brussels/BE

Intramedullary Nailing vs Plate Osteosynthesis in Tibia Fractures Treatment

A. Kalashnikov¹, G. Gayko¹, V. Malyk²; ¹Kyiv/UA, ²Poltava/UA

The Role of Biplanar Distal Locking in Intramedullary Nailing of Tibial Shaft Fractures

K. Alemdaroglu, S. İltar, A. Öztürk, M. Yucens, E. Gultac, N. Aydogan; Ankara/TR

Do we need retropatellar approach to nail proximal third tibia fractures?

A. Chelnokov¹, D. Bekreev¹, A. Salvi²; ¹Ekaterinburg/RU, ²Chiari Brescia/IT

Treatment of the complex proximal tibial plateau fractures according to the tri-column concept – initial experience

A. Baltov, M. Rashkov, D. Enchev, N. Tzachev; Sofia/BG

Intramedullary nailing of tibial fractures using a suprapatellar approach - first experience

J. Pazour, M. Křivohlávek, R. Lukas; Liberec/CZ

High rate of complications after LCP fixation of the distal tibia fractures type A

D. Enchev, A. Baltov, M. Rashkov, M. Markov; Sofia/BG

Diaphyseal tibial fractures: Risk factors for deep infection and prolonged fracture healing after intramedullary nailing.

W. Metsemakers¹, P. Reynders², K. Handojo¹, S. Nijs¹; ¹Leuven/BE, ²Brussel/BE



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Tuesday, May 27, 2014

08:00 - 10:00 Free Paper Session: Diagnostic Tools - Role of CT and Ultrasound

Spektrum 2

Moderation: T. Vogl¹, M. Zago²; ¹Frankfurt/DE, ²IT

The Degree of Accuracy of Computed Tomography in Identifying Abdominal Organ Injuries in Blunt Trauma Patients Who Underwent Emergency Laparotomy

H. ALZAMEL, I. ALZAHRANI, O. ALHAMDAN, M. HUSSEIN, M. ALHAMDAN; Riyadh/SA

IVR-CT system in the emergency room improve the survival in the patients with severer blunt trauma who required emergency bleeding control

Y. Yoshikawa, Y. Nakamori, D. Wada, Y. Umemura, N. Nakamoto, T. Kiguchi, H. Matsuda, Y. Nakahori, N. Kubo, A. Matsushima, N. Inadome, S. Fujimi; Osaka/JP

Determination of reliability for CT-scan related scoring techniques in diagnosing DRUJ instability after conservatively treated distal radius fractures.

M. Wijffels, P. Krijnen, W. Stomp, M. Reijnierse, I. Schipper; Leiden/NL

Use of a Military CT Scan Technique in Imaging the Polytrauma Patient

L. Ghazal, C. Green, A. Pollentine, N. Collin; Bristol/UK

Is ultrasound an essential tool for placing central venous lines?

B. Pereira, G. Meirelles, R. Colombari, A. Magnani, B. Redondano, G. Fraga; Campinas/BR

Contrast-enhanced ultrasound for the non-invasive early diagnosis of acute compartment syndrome – development of a method based on perfusion kinetics

G. Achatz, S. Bago, F. Berreth, H. Palm, F. von Lübken, H. Riesner, B. Friemert; Ulm/DE

Emerging Use Of Ultrasound And MRI In Peripheral Nerve Injuries And Disorders

H. Nizami, A. Sahu, H. Barber, S. Unwin-Gold, D. Gay, A. Gafoor; Plymouth/UK

Focused Assessment Sonography for Trauma (FAST) Training: A Systematic Review

A. Mohammad, A. Hefny, F. Abu-Zidan; Alain/AE

Tuesday, May 27, 2014

08:00 - 10:00 Free Paper Session: Thoracic Trauma

Spektrum 1

Moderation: R. Schwab¹, J. Doucet²; ¹Koblenz/DE, ²San Diego, CA/US

The unstable thoracic – cage injury: Sternal fracture and concomitant fracture of the thoracic spine

M. Morgenstern, H. Callsen, J. Friederichs, S. Hungerer; Murnau/DE

Penetrating cardiac trauma: does thoracotomy need always to be indicated?

K. Cardoso, B. Pereira, J. Cruvinel Neto, C. Mendes, M. Desiderá, V. Nogueira, O. Petrucci, G. Fraga; Campinas/BR

Role of tube thoracostomy for traumatic occult hemothorax in adults, a systematic review

J. Lampron¹, B. Reche²; ¹Ottawa, ON/CA, ²London/UK

Sites for needle decompression of tension pneumothorax: Let there be light

J. Samritwilas, N. Kiaranantawat, K. Kaewsangrueang, N. Pruphetkaew, B. Sangthong; Hat-Yai/TH

An Innovative Therapeutic Module For Management Of Pneumothorax; Veress Needle Thoracostomy, Air Control System And Induced Hydrothorax; Proved Superior To The Traditional Modality.

M. Nasr, Manama/BH

Surgical fixation of left posterior rib fractures to avoid catastrophic deirect aortic puncture

N. Kaneko, Fukaya/JP

Number of rib fractures in elderly (≥60 years) patients with severe (thoracic AIS >2) chest injury: Does it matter?

T. Söderlund¹, L. Handolin²; ¹Hus/FI, ²Helsinki/FI

Stabilizing flail chest injuries through minimized approaches to the key points of instability using Alexis® Retractor.

S. Schulz-Drost, A. Fichte, P. Oppel, S. Grupp, A. Mauerer; Erlangen/DE

Blunt cervical artery injury in the polytrauma patient

C. Weber¹, P. Kobbe¹, T. Dienstknecht¹, K. Horst¹, M. Pishnamaz¹, R. Lefering², R. Sellei¹, H. Pape¹; ¹Aachen/DE, ²Cologne/DE

A tailored protocol in the management of penetrating neck injuries

H. elwan, A. Mostafa, D. Mansour; Cairo/EG

Tuesday, May 27, 2014

10:30 - 12:00 Keynote Session: Advances in Biomechanical Research
Moderation: H. Eckardt¹, I. Gavrankapetanovic²; ¹/DK, ²/BA

Conclusio

Mechanical Properties of the Hoffmann 3 External Fixator

R. Sellei¹, P. Kobbe¹, T. Dienstknecht¹, P. Lichte¹, M. Behrens², G. von Oldenburg³, H. Pape¹; ¹Aachen/DE, ²Selzach/CH, ³Schoenkirchen/kiel/DE

Microcirculation of the healthy hindfoot. A proband-study from the perspective of the surgical approach.

J. Carow, G. Gradl, F. Hildebrand, H. Andruszkow, H. Pape, M. Knobe; Aachen/DE

Does a large lateral talar process excision influence ankle and hindfoot stability? A biomechanical study in a human cadaveric model

A. Sands¹, C. White², M. Blankstein², I. Zderic², M. Ernst², M. Windolf², R.G. Richards², B. Gueorguiev²; ¹New York/US, ²Davos/CH

Femoral neck fractures can be fixed better with cannulated screws applying the novel technique for biplane double-supported screw fixation. A biomechanical study

O. Filipov¹, M. Ernst², B. Gueorguiev²; ¹Sofia/BG, ²Davos/CH

Is locked lateral plating biomechanically superior to conventional plate fixation in the proximal phalanx?

M. Ernst, S. Kanthan, D. Wahl, M. Windolf, B. Gueorguiev; Davos Platz/CH

Rotationally Stable Screw-Anchor with Trochanteric Stabilization Plate (RoSA/TSP) versus Proximal Femoral Nail Antirotation (PFNA) in Unstable Trochanteric Femur Fractures: A Biomechanical Evaluation

M. Knobe¹, G. Gradl¹, K. Maier², P. Nagel¹, H. Andruszkow¹, F. Hildebrand¹, H. Pape¹; ¹Aachen/DE, ²Bad Aibling/DE

Prophylactic reinforcement of the porotic proximal femur. A systematic approach to find a valid solution.

D. Widmer¹, L. Hofmann-Fliri¹, E. Zweifel¹, M. Blankstein¹, B. Gueorguiev-Rüegg¹, M. Blauth², M. Windolf¹; ¹Davos Platz/CH, ²Innsbruck/AT

Influence of early postoperative mobilization on the fixation of cemented and non-cemented pedicle screws: A biomechanical human cadaveric study

M. Pishnamaz, H. Lange, T. Dienstknecht, T. Gerhard, H. Pape, P. Kobbe; Aachen/DE

Opioid Use, Pain Intensity, and Satisfaction with Pain Relief After Fracture Surgery

A.G.J. Bot, S. Bekkers, P.M. Arnstein, R.M. Smith, D. Ring; Boston, MA/US



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Tuesday, May 27, 2014

10:30 - 12:00 Keynote Session: Pediatric Trauma

Spektrum 1

Moderation: U. Rolle¹, S. Berger²; ¹Frankfurt/DE, ²Bern/CH

Re-implantation of ischemic small bowel in a pediatric multiply- injured patient

Y. Mnouskin, I. Melnik, B. Yoffe; Ashkelon/IL

Treatment of Pediatric Diaphyseal Femur Fracture by Titanium Elastic Nail: Radiological and Clinical Evaluation

M. YURTGÜN, M. Karalezli; Konya/TR

Treatment of femoral shaft fractures of children age six months to five years in four major German pediatric surgery trauma centres

M. Rapp¹, F. Grauel², M. Kaiser³, C. Gielok⁴, J. Lindert³, P. Illing¹; ¹Kassel/DE, ²Berlin/DE, ³Lübeck/DE, ⁴München/DE

Open femoral fractures in children

R. Tomaszewski, A. Gap, J. Kler, K. Pethe, B. Ślęzak; Katowice/PL

Rib fractures: comparison of associated injuries between pediatric and adults population.

B. Kessel¹, F. Swaid², J. Dagan¹, I. Ashkenazi¹, K. Peleg³, R. Alfici¹; ¹Hadera/IL, ²Haifa/IL, ³Ramat Gan/IL

Comparison of two outcome measures in assessing Paediatric Trauma Team Activation appropriateness

S. Bressan, K. Franklin, H. Jowett, S. King, E. Oakley, C. Palmer; Parkville (melbourne), VIC/AU

Assessing Trauma Management Record Use in a Paediatric Trauma Centre

C. Palmer, S. Bressan, H. Jowett, S. King, E. Oakley; Parkville (melbourne), VIC/AU

Prevention of infectious complications in pediatric patients with blunt splenic injury

M. Teuben, R. Spijkerman, T.J. Blokhuis, W. Kramer, L. Leenen; Utrecht/NL

Tuesday, May 27, 2014

14:00 - 15:30 Free Paper Session: Polytrauma - Clinical Studies

Spektrum 2

Moderation: R. Maier¹, B. Bouillon²; ¹Seattle/US, ²Cologne/DE

Outcomes and protocols for NOM of hepatic and splenic injuries after 10 years of experience at Cesena Trauma Center

P. Ruscelli, F. Buccoliero; Cesena/IT

Mortality from Trauma in Albania: A Retrospective Study of 1397 patients

L. MANO¹, R. Latifi², S. Osmani¹, A. Dogjani¹, M. Xhaferi¹; ¹Tirana/AL, ²Tucson, AZ/US

Impact of an urgent resuscitative surgery for severe torso trauma patients

H. Matsumoto, Y. Hara, T. Yagi, K. Hayashida, K. Mashiko, N. Saito, H. Iida, T. Motomura, T. Miki, H. Yasumatsu, D. Kameyama, A. Hirabayashi, Y. Hattori, Y. Konda, K. Mashiko; Inzai/JP

Accuracy of the field triage protocol in selecting severely injured patients after high energy trauma

J. van Laarhoven¹, K. Lansink², M. van Heijl¹, R. Lichtveld³, L. Leenen¹; ¹Utrecht/NL, ²Tilburg/NL, ³Bilthoven/NL

Critical injury pattern after blunt thoracic trauma; A retrospective multicenter study based on the TraumaRegister DGU®

S. Huber¹, R. Lefering², P. Delhey¹, H. Trentzsch¹, M. van Griensven¹, P. Biberthaler¹, S. Huber-Wagner¹; ¹Munich/DE, ²Cologne/DE

Associated thoracic injury in patients with a clavicle fracture: an analysis of 1534 polytrauma patients

J. van Laarhoven, S. Ferree, R. Houwert, A. Gunning, F. Hietbrink, E.J. Verleisdonk, L. Leenen; Utrecht/NL

Increasing number of fractured ribs is not predictive of the severity of splenic injury following blunt trauma: an analysis of a National Trauma Registry database

B. Kessel, Hadera/IL

Value of inferior vena cava diameter as predictor of hemodynamic deterioration in severe trauma patients.

C. Rey Valcarcel, R. Franco, M. Cuadrado, M.D. Perez Diaz, L.A. Garcia Martin, M. Molina, F. Turegano; Madrid/ES

Romanian trauma registry- the begining experience

M. BEURAN, S. Bogdan, S. PAUN, B. Gaspar, I. TANASE, C. TURCULET, I. NEGOI; Bucharest/RO

The Relationship Between Time and Achievements of New Trauma Center and Trauma System Based on ACS/COT Requirements: The Qatar Experience

R. Latifi, H. Al Thani, R. Peralta, A. El-Menyar, H. Abdelrahman, A. Zarour, R. Consunji; Doha/QA

Evaluating trauma center performance: 7 years experience of a Slovenian trauma centre with TraumaRegister DGU.

D. Brilej, R. Komadina; Celje/SI

Impact of Implementing a Trauma and Acute Care Surgery Service in a Regional Hospital. Cuenca-Ecuador

E. Rodas, J. Salamea, M. Vidal, J. Reinoso, R. Pino, L. Fernandez de Cordova, B. Serrano, G. Valverde, E. Tenesaca; Cuenca/EC



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Tuesday, May 27, 2014

14:00 - 15:30 Free Paper Session: Shoulder Injuries

Spektrum 1

Moderation: N. Südkamp¹, A. Hofmann²; ¹Freiburg/DE, ²Mainz/DE

Risk stratification by clavicular fracture in polytrauma patients – results of 46.565 patients

K. Horst¹, R. Lefering², R. Pfeifer¹, C. Weber¹, H. Andruszkow¹, F. Hildebrand¹, H. Pape¹;

¹Aachen/DE, ²Cologne/DE

Minimal invasive plate osteosynthesis in midshaft clavicle fractures

P. Kornherr, Wiesbaden/DE

Early Outcomes of an Operative 1st Time Shoulder Dislocator Service

D. Ryan, R. Jeavons, N. Patel, B. Fourie, D. Burton; Darlington/UK

Original Technique of Intramedullary Osteosynthesis of Clavicle Midshaft Fractures

M. Was, W. Lachowicz, A. Jover Mendiola; Torrevieja/ES

CT bone database: Plate-Bone-fitting of a novel Clavicle-Plate compared to individually bended reconstruction plates

G. Heinrichs, A. Schulz, E. Wilde, S. Hillbricht, A. Paech; Luebeck/DE

A prospective MRI assessment of the ligament consolidation after arthroscopic stabilization of the acute ACJ-separation Rockwood III-V with double TightRope

T. Stein, S. Jobmann, J. Buckup, R. Hoffmann, F. Welsch; Frankfurt Am Main/DE

Short term results of plate fixation versus intramedullary fixation for dislocated midshaft clavicle fractures: a randomized controlled trial.

O. van der Meijden¹, R. Houwert¹, M. Hulsmans¹, F. Wijdicks¹, M. van Heijl¹, M. Dijkgraaf², M. Verhofstad³, S. Meylaerts⁴, E. Hammacher⁵, E.J. Verleisdonk¹; ¹Utrecht/NL,

²Amsterdam/NL, ³Rotterdam/NL, ⁴Den Haag/NL, ⁵Nieuwegein/NL

Open extremity fractures management; before and after BOA/BAPRAS guidelines

S. Elamin, R. Walton, J. Manara, I. Braithwaite, E. Wood; Chester/UK



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Tuesday, May 27, 2014

16:00 - 17:30 Free Paper Session: Femur Reconstruction

Spektrum 1

Moderation: M.B. Mitkovic¹, W. Mutschler²; ¹Nis/RS, ²Munich/DE

Revision total hip arthroplasty using a reconstruction cage device and a cemented dual mobility cup

A. Toro-Ibarguen, I. Auñón-Martín, V. Jimenez Díaz, E. Delgado, J.A. Moreno-Beamud, A. Díaz-Martín; Madrid/ES

Dif: dynamic internal fixator

B. concetto, Ascoli Piceno/IT

Intracapsular hip fracture fixation with a new implant - a complication analysis of 135 Targon® FN cases

H.J. Bail, R. Biber; Nürnberg/DE

Complications after hip fractures in the elderly.

E. Flikweert, I. Reininga, D. Landsheer, G. Izaks, M. Stevens, K. Wendt; Groningen/NL

Reconstructive Surgery
of gunshot injuries of extremities

A. Sukharaw, Minsk/BY

Wound infections following elective implant removal following fracture healing; incidence and risk factors

M. Backes, N. Schep, J. Luitse, E.P. Steller, J.C. Goslings, T. Schepers; Amsterdam/NL

Effects of Surgeons Fatigue on Trochanteric Fracture Osteosynthesis Performance During A 24-hour Shift.

D. Ira, M. Krticka, P. Smekal, J. Švancara, M. Masek; Brno/CZ

Tuesday, May 27, 2014

16:00 - 17:30 Free Paper Session: Liver and Thoracic Trauma

Spektrum 2

Moderation: T. Fabian¹, W. Bechstein²; ¹/US, ²Frankfurt/DE

surgical treatment of liver trauma-seven year experience

P. Gregoric, I. Piponski, K. Doklestic, N. Ivancevic, A. Bajec, A. Karamarkovic; Beograd/RS

Operative Strategies for Traumatic Liver Injury

M. Hommes, A. Nicol, P. Navsaria, S. Edu; Cape Town/ZA

Non operative treatment vs operative treatment in hepatic trauma: a ten-year experience

A. Mingoli, G. Mariotta, V. Mogini, C. Reali, G. Brachini, A. Perrone, C. Modini; Rome/IT

CONFIRMING THE SAFETY OF A SIMPLYFIED APPROACH TO SEVERE PANCREATIC
AND DUODENAL INJURIES

H. Hugenschmidt, P. Monrad-Hansen, T. Eken, C. Gaarder, P.A. Næss; Oslo/NO

Clamshell incision vs. left anterolateral thoracotomy. Which one is faster when performing a
resuscitative thoracotomy? The tortoise and the hare revisited.

A. Flaris¹, E. Simms², F. Reynard³, J. Caillot¹, E. Voiglio¹; ¹Pierre Bénite/FR, ²New Orleans,
LA/US, ³Lyon/FR

Oblique manubrium sterni fracture due to seat belt injury - a rare entity? Treatment options
based on a Level I trauma center experience.

S. Schulz-Drost, P. Oppel, S. Grupp, D. Taylor, A. Mauerer; Erlangen/DE

Therapy options of complex sternal fractures - Experience with anterior locked plate
osteosynthesis in a level I trauma center

S. Schulz-Drost, S. Grupp, P. Oppel, D. Taylor, A. Mauerer; Erlangen/DE

Management of patients with isolated sternal fractures. Is cardiac observation always
necessary?

P. Moerbeek, G. Giannakopoulos, F. Bloemers, W. Zuidema; Amsterdam/NL

Operative and Non Operative Management in Gunshot Abdominal Injuries. A Review of 321
Patients.

L. Salvatierra Arrieta, O. Valderrama, M. Quiodettis, S. Monteza Gallardo; Panama/PA

Prognostic factors in patients with penetrating colon injuries in 21 years of a brazilian trauma
center.

T. Calderan, E. BRAZAO JUNIOR, M. Mantovani, B. Pereira, E. HIRANO, G. Fraga; Campinas
- Sp/BR

Traumatic Anorectal Injuries In Albania: A Prospective Study of 68 Patients

L. MANO¹, R. Latifi², S. Osmani¹, A. Dogjani¹, M. Xhaferi¹; ¹Tirana/AL, ²Tucson, AZ/US

Role of the Physical Examination and New Diagnostic Methods in the Prevention of
Unnecessary Laparotomy due to Abdominal Penetrating Object Injuries

M. İlhan, A.F..K. Gök, M. Üçüncü, H. Yanar, R. Güloğlu, K. Günay, C. Ertekin; Istanbul/TR

Tuesday, May 27, 2014

16:00 - 17:30 Keynote Session: Treatment of Acetabular and Pelvic Fractures

Fantasie

Moderation: T. Pohlemann¹, L. Handolin²; ¹Homburg/DE, ²/FI

Pre-operative Planning in Pelvic Fractures

O. LUPESCU, M. NAGEA, G. POPESCU, A. DIMITRIU, M. COLTAN, D. SUCOVESCHI, D. LUPESCU; Bucharest/RO

Limited open reduction of displaced acetabular fractures through a mini-pararectus approach

O. Farouk, A. Kamal, M. Badran, W. El-Adly, K. El-Gafary; Assiut/EG

Comparison of survival and outcome after conservatively or surgically treated osteoporotic pelvic ring fractures of type B.

A. Höch, J. Böhme, C. Josten; Leipzig/DE

Trans-sacral implant positioning is more often critical in S1 than S2

D. Wagner¹, L. Kamer², H. Noser², T. Sawaguchi³, P. Rommens¹; ¹Mainz/DE, ²Davos/CH, ³Toyama/JP

Anterior internal pelvic fixation in unstable B-type pelvic fractures: early outcome in 25 cases

R. Sellei, T. Dienstknecht, R. Pfeifer, D. Brücken, F. Hildebrand, H. Pape; Aachen/DE

Acetabular fractures treated with 3,5mm Omega plate

J. Šrám, S. Taller, R. Lukáš; Liberec/CZ

The validation of Rommens classification for fragility fractures of the pelvis

Y. Ueda, H. Tsuji, Y. Kurata; Sapporo/JP

Total Hip Arthroplasty for Posttraumatic Arthritis after Acetabular Fracture

A. Toro-Ibarquen, I. Auñón, V. Jimenez-Díaz, E. Delgado, P. Caba-Doussoux; Madrid/ES

Treatment of severe bone deficiency in acetabular revision surgery using a reinforcement cage

A. Toro-Ibarquen, I. Auñón-Martín, V. Jimenez Díaz, E. Delgado, J.A. Moreno-Beamud, A. Díaz-Martín; Madrid/ES

Primary total hip arthroplasty for treatment of acetabular fractures in the elderly

P. Simko, T. Heger, M. Magala, R. Zamborsky; Bratislava/SK

Management Of Acetabular Fractures Through The Pararectus Approach: Anatomic Reduction Confirmed By Computed Tomography And Clinical Results After Two Years.

J. Bastian, S. Tomagra, H. Bonel, K. Siebenrock, M. Keel; Bern/CH