



Sunday, May 10, 2015

08:30 - 10:00 Thoracic injury

Moderation: D. Demetriades¹, R. Kdolsky²; ¹Los Angeles, CA/US, ²Vienna/AT

Surgical treatment of flail chest with titanium clips. Multicenter study.

P. Moreno de la Santa¹, U. Loyola², D. Lardinois³, M. Velasquez⁴, M.D. Polo¹, P. Magdalena¹, C. Delgado¹, S. Leal¹, M.D. Choren¹; ¹Vigo/ES, ²Toluca/MX, ³Basel/CH, ⁴Cali/CO

Stabilizing flail chest injuries through minimized approaches to the postero-lateral chest wall – a feasibility study using post mortem human beings

S. Schulz-Drost, P. Oppel, S. Grupp, T. Buder, M. Pachowsky, F. Hennig, A. Langenbach; Erlangen/DE

A Prospective Review of Operative Fixation of Rib Fractures in a United Kingdom Major Trauma Centre.

D. Melling, N. Misra, S. Scott, S. Scott, R. Stevenson, H. Oakley, A. Spearritt; Liverpool/UK

Clamshell thoracotomy and open heart massage - a procedure than can be performed easily by unskilled physicians?

R. Krassnig, F. Sommerauer, P. Holweg, E. Tackner, T. Ortner, P. Puchwein; Graz/AT

Post traumatic retained haemothorax in a level 1 center : early VATS treatment

J. Trostchansky, E. Durand; Montevideo/UY

Stabilizing the “fourth vertebral column“ through anterior sternal plating in vertebral spine injuries concomitant to sternal instability

S. Grupp, P. Oppel, A. Langenbach, F. Hennig, S. Schulz-Drost; Erlangen/DE

Injury of the chest wall in polytrauma: Incidence, associated injuries, course and outcome - an analysis of 21741 patients registered in the Trauma Registry of the DGU

P. Oppel¹, S. Grupp¹, A. Mauerer², F. Hennig¹, A. Langenbach¹, S. Schulz-Drost³; ¹Erlangen/DE, ²Nürnberg/DE, ³Berlin/DE

Sternal non-union with chest defect treated with a locking tibial plate and dual mesh membrane. A Case report.

T. Malovrh, T. Stupnik, J.M. Kalisnik; Ljubljana/SI

10:30 - 12:00 Epidemiology / Evidence based traumacare

Moderation: F. Bloemers¹, J. Tilsed²; ¹Amsterdam/NL, ²Beverley/UK

Risk factors for nonunion after intramedullary nailing of femoral shaft fractures.

W. Metsemakers¹, N. Roels¹, A. Belmans¹, P. Reynders², S. Nijs¹; ¹Leuven/BE, ²Brussel/BE

Risk adjusted fall related mortality remains unchanged (2001-2011) –A nationwide Swedish study.

R. Larsen¹, D. Backstrom¹, R. Gedeberg², M. Fredriksson¹, S. Walther¹, F. Sjöberg¹; ¹Linköping/SE, ²Uppsala/SE

Assessment of sural nerve-originated neuropathic pain after ankle surgery; comparison with a healthy population and a normal ankle surgery population.

N. Rbia, T. Nijhuis, C.H. van der Vlies, R.W. Selles, S.E.R. Hovius; Rotterdam/NL

Rationale and protocol for suspected Pathological and metastatic fracture surgery in ealderly neck of femur fractures.

M. ASHRAF, A. Vijapur; Birmingham/UK

Clearing the cervical spine after blunt assault - a pain in the neck?



S. Groen, M. de Wild, J. ten Brinke, M. Hogervorst; Apeldoorn/NL

Seatbelt And Mortality In A Rapidly Developing Middle Eastern Country: A 4-Year Analysis

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

Reliability, validity and responsiveness of the Western Ontario McMaster Osteoarthritis Index (WOMAC) in the elderly population with a femoral neck fracture

P. Burgers¹, R. Poolman², D. Van Bakel¹, W. Tuinebreijer¹, S. Zielinski¹, M. Bhandari³, P. Patka¹, E.M.M. Van Lieshout¹, F. FAITH Investigators¹, H. HEALTH Investigators¹; ¹Rotterdam/NL, ²Amsterdam/NL, ³Hamilton, ON/CA

10:30 - 12:00 Caring for casualties during civil war

Moderation: P. Fischer¹, M. Bemelman²; ¹Bonn/DE, ²Tilburg/NL

Gunshot vascular injury caused by a high-velocity missile does not mandate surgical excision of the arterial wall

I. Samokhvalov, V. Reva, A. Denisov, A. Pronchenko, L. Ozereckovsky; Saint-Petersburg/RU

Forward Surgical Team Experience (FSTE) Is Associated With Increased Confidence With Combat Surgeon Trauma Skills

B. Smith, D. Mancini, C. Schwab; Philadelphia, PA/US

Consecutive minimal invasive osteosynthesis of gunshot fractures of long bones of extremities.

A. Kudyashev, V. Khominets, V. Shapovalov, S. Mihajlov, D. Shakun, A. Tschukin; Saint-Petersburg/RU

Clinical evaluation of Infrascanner model 2000 for detection of traumatic intracranial hematomas

K. Van Helmond, M. Van den Baar; Veldhoven/NL

Paediatric care in the Dutch role 2 in Uruzgan, Afghanistan

F. Idenburg¹, T. van Dongen², E. Tan³, L. Leenen², J. Hamming⁴, R. Hoencamp⁴; ¹Den Haag/NL, ²Utrecht/NL, ³Nijmegen/NL, ⁴Leiden/NL

Recovery and rehabilitation of Syrian war-wounded treated in an Israeli district hospital

D. Fuchs, Y. Ben-Shoshan, I. Fares, S. Biswas, A. Hadary, A. Braslavsky, A. Bukin, O. Efremov, A. Fedorenko, A. Rapoport, W. Krayim, M. Vaskovic; Galilee/IL

Efficacy and Safety Evaluation of a Woven Chitosan-Based Hemostasis Gauze

T. Lin¹, Y. Kuo²; ¹Taipei City/TW, ²New Taipei City/TW

10:30 - 12:00 Instability of the DRU joint

Moderation: P. Brink¹, F. Gebhard²; ¹Maastricht/NL, ²Ulm/DE

Intramedullary fixation of intra-articular fractures of the distal radius with the Targon DR - a randomized trial versus palmar locking plates

G. Gradl¹, S. Falk², G. Gradl³; ¹Aachen/DE, ²Rostock/DE, ³München/DE

Evaluating Computer-assisted 3-D Planning for Corrective Osteotomy of the Malunited Radius

M.M.J. Walenkamp, R.J.O. de Muinck Keizer, I.G.G. Dobbe, G.J. Streekstra, P. Kloen, J.C. Goslings, S.D. Strackee, N. Schep; Amsterdam/NL

Prevention of CRPS-1 in patients with distal radius fracture - a pilot study

E. Boersma, H. Van de Meent, J.P. Frölke; Nijmegen/NL

The value of CT in detecting distal radio ulnar joint instability after distal radius fracture.

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

**Clinical diagnosis of a true skiers thumb**

M. Mahajan¹, C. Tolman¹, S. Rhemrev²; ¹The Hague/NL, ²Den Haag/NL

Catastrophic Thinking is Associated with Finger Stiffness After Distal Radius Fracture Surgery

T. Teunis, A. Bot, E. Thornton, D. Ring; Boston, MA/US

The value of routine radiographs and the use of CT-scans in patients with wrist fractures in three large teaching hospitals in the Netherlands

N. Weij¹, M. Termaat¹, J. Groen¹, J. Hoogendoorn², H. van der Meulen², P. Krijnen¹, I. Schipper¹; ¹Leiden/NL, ²Den Haag/NL

10:30 - 12:00

Abdominal and visceral trauma and disease

Moderation: P. Vassiliu¹, C.A.G.C. Mesquita²; ¹Haidari/GR, ²Coimbra/PT

A 10-year review on renal trauma treatment: comparison of nonoperative versus operative management results.

A. Mingoli, E. Migliori, V. Mogini, G. Sgarzini, A. Saracino, B. Cirillo, C. Panzano, C. Modini; Rome/IT

Penetrating splenic injuries: can we save the spleen?

R. Spijkerman¹, M. Teuben¹, F. Hoosain², L. Taylor², T. Blokhuis¹, T. Hardcastle³, B. Warren², L. Leenen¹;
¹Utrecht/NL, ²Cape Town/ZA, ³Durban/ZA

Does induced Hypothermia improve hepatic damage following major trauma?

D. Eschbach¹, K. Horst², J. Andruszkow², M. Sassen¹, J. Mohr¹, F. Debus¹, N. Vogt³, K. Schöller³, T. Steinfeldt¹, H. Wulf¹, S. Ruchholtz¹, M. Frink¹; ¹Marburg/DE, ²Aachen/DE, ³Giessen/DE

Incidence and management of initial and delayed CT scan blush in blunt splenic trauma: a prospective study.

L. Chastang¹, T. Bège², S. Alonso¹, S. Bastide¹, M. Prudhomme¹, A. Herrero³, F. Guillon³, D. Bono⁴, E. Nini⁵, T. Buisson⁶, G. Carbonnel⁷, L. Passebois⁸, C. Vacher⁹, M.C. Le Moine¹; ¹Nîmes/FR, ²Marseille/FR, ³Montpellier/FR, ⁴Perpignan/FR, ⁵Carcassonne/FR, ⁶Narbonne/FR, ⁷Mende/FR, ⁸Béziers/FR, ⁹Sète/FR

The diagnostic and therapeutic utilisation of laparoscopy for occult diaphragm injury following penetrating thoracoabdominal trauma

N. D'Souza¹, G. Laing², J. Bruce², D. Clarke²; ¹Portsmouth/UK, ²Pietermaritzburg/ZA

Nonoperative management, and not spleen preserving surgery for blunt splenic injury results in lower in-hospital infection rates

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

Management of Grade IV renal trauma. A revision of the AAST renal injury grading scale is mandatory.

P. Chiron¹, E. HORNEZ², G. Boddaert², M. Dusaud¹, Y. Bayoud¹, B. Molimard¹, F.R. Desfemmes¹, X. Durand¹; ¹Paris/FR, ²Clamart/FR

Water soluble contrast agent in adhesive small bowel obstruction: a systematic review and meta-analysis of diagnostic and therapeutic value

M. ceresoli¹, F. coccolini¹, F. palamara¹, G. montori¹, G. merigo¹, P. bertoli¹, A. allegri¹, S. di saverio², M. pisano¹, S. Magnone¹, F. catena³, M. sartelli⁴, L. Ansaloni¹; ¹Bergamo/IT, ²Bologna/IT, ³Parma/IT, ⁴Macerata/IT

The fear of a "difficult cholecystectomy": analysis of factors involved in conversion to open approach during cholecystectomy for acute calculous cholecystitis

M. ceresoli, M. pisano, F. coccolini, S. Magnone, G. montori, L. campanati, D. Piazzalunga, N. colaianni, R. manfredi, A. drago, P. bertoli, L. Ansaloni; Bergamo/IT



10:30 - 12:00

Miscellaneous

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Impact of Injury Severity on Dynamic Inflammation Networks Following Blunt Trauma

K. Almahmoud, R. Namas, O. Abdul-Malak, A. Zaaqoq, J. Sperry, A. Peitzman, Y. Vodovotz, T. Billiar; Pittsburgh, PA/US

Influence of fragment size and postoperative joint congruency on long-term outcome of posterior malleolar fractures.

C. Drijfhout van Hooff, J. Hoogendoorn, S. Verhage; The Hague/NL

Correlation between different validated questionnaires following a distal radius fracture in a cohort of young non-osteoporotic patients

C. Lameijer¹, H.J. ten Duis¹, J. de Graaf², M. Hartlief², M. el Moumni¹, C. van der Sluis¹; ¹Groningen/NL, ²Leeuwarden/NL

Double Dynamisation (In The Axis Of The Neck Of The Femur And In The Long Axis Of The Femur) Is Important In The Surgical Treatment Of Pertrochanteric Fractures

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

Four-year impact on the use of IVR-CT system in the emergency room for the patients with severe blunt trauma who required emergency bleeding control

Y. Yoshikawa¹, Y. Nakamori², D. Wada², N. Nakamoto¹, T. Kiguchi¹, H. Matsuda¹, A. Matsushima¹, S. Fujimi¹; ¹Osaka-Shi Sumiyoshi-ku/Jp, ²Moriguchi-Shi/Jp

Angiography and embolisation in emergency - a current perspective

I. Diaconescu, B.V. Martian, B. Popa, M. Popiel, L. Gulie, B. Matei Razvan, G. Andrei, C. Roxana, M. Beuran; Bucharest/RO

Grading operative findings at laparoscopic cholecystectomy- a new scoring system

S. Sahebally¹, L. Ansaloni², M. Zielinski³, M. Sugrue¹; ¹Letterkenny/IE, ²Bergamo/IT, ³Rochester, MN/US

Early Severe Lymphopenia Predicts Mortality in Critically Ill Emergency Surgical Patients

P. Vulliamy, Z. Perkins, P. Erdman, J. Manson; London/UK

No difference in adverse events between surgically treated reduced and unreduced distal radius fractures

T. Teunis, F. Mulder, S. Nota, L. Milne, G. Dyer, D. Ring; Boston, MA/US

14:00 - 15:30 **New technology**Moderation: H.C. Pape¹, H. Kurihara²; ¹Aachen/DE, ²Rozzano, Milano/IT**Immediate total-body CT scanning versus conventional imaging and selective CT scanning in trauma patients (REACT-2 trial)**

J. Sierink¹, K. Treskes¹, M. Edwards², B. Beuker³, P. Patka⁴, J. Hohmann⁵, M. Dijkgraaf¹, J. Luitse¹, L. Beenen¹, M. Hollmann¹, J.C. Goslings¹; ¹Amsterdam/NL, ²Nijmegen/NL, ³Groningen/NL, ⁴Rotterdam/NL, ⁵Basel/CH

A prospective study comparing the extended lateral and the sinus tarsi approach in displaced intra-articular calcaneal fractures; setting a new standard

T. Schepers, M. Backes, V.M. de Jong, J.C. Goslings, J. Luitse; Amsterdam/NL

The impact of traumasurgery on the activation status of blood and bone marrow neutrophils subsets in pigs

M. Teuben¹, M. Heeres¹, R. Pfeifer², T. Blokhuis¹, T. Pohleman³, E. Tan⁴, L. Koenderman¹, H.C. Pape², L. Leenen¹; ¹Utrecht/NL, ²Aachen/DE, ³Homburg Saar/DE, ⁴Nijmegen/NL

**Prehospital use of the iTClamp**

E. Tan, N. Hoogerwerf; Nijmegen/NL

Rapid Approximation of Platelet and Fibrinogen Contributions to Clot Strength by Amplitude Domain Thrombelastography

M. Chapman¹, E. Moore², K. Anderson³, E. Gonzalez³, H. Moore³, C. Fleming³, C. Silliman³, A. Banerjee³; ¹Aurora, Colorado, CO/US, ²Denver, Colorado, CO/US, ³Aurora, Colorado/US

Threshold setting for the Advanced Automatic Collision Notification algorithm that activates the HEMS system

T. motomura¹, A. Hirabayashi¹, Y. Hattori¹, H. Matsumoto¹, K. Mashiko², S. Tominaga³, T. Nishimoto³; ¹Chiba/JP, ²Hachioji/JP, ³Fukushima,pref./JP

Social media performance predicts impact of orthopaedic trauma journals

K. Linton¹, G. Bass², M. Sayana²; ¹Dublin/IE, ²Drogheda/IE

14:00 - 15:30 The acute care surgeon

Moderation: B. Bouillon¹, A. Peitzman²; ¹Cologne/DE, ²Pittsburgh, PA/US

Influence of intra-abdominal pressure on early intestinal ischemia in rat

S. Strang, B. Van der Hoven, O. Van Waes, E.M.M. Van Lieshout, M. Verhofstad; Rotterdam/NL

Hypothermia as predictor for mortality in trauma patients

K. Balvers, J. Binnekade, C. Boer, J.C. Goslings, N. Juffermans; Amsterdam/NL

The Centralization of Emergency General Surgery leads to improved Short and Long-term Survival; Experience from 841 Emergency Laparotomies from a UK University Hospital

N. Misra, C. Atherton, J. Jensen, R. Ward; AI/UK

Proposal for the Evaluation of Quality of the Care in Emergency General Surgery

M. Jimenez¹, D. Baquero¹, A. Isaza¹, F. Vargas¹, J. Puyana²; ¹Na/CO, ²Pittsburgh/US

US ESTES SURVEY . Results of a european survey on the use of Point-of-Care UltraSound in emergency and trauma surgery

A. Casamassima¹, I. Martínez Casas², E. Barbosa³, F. Ferreira³, D. Mariani⁴, J. Pereira⁵, L. Pinheiro⁵, R. Silva³, M. Zago⁶; ¹Milano/IT, ²Torrevieja/ES, ³Matosinhos/PT, ⁴Legnano/IT, ⁵Viseu/PT, ⁶Ponte San Pietro/IT

The fixation of fractures in presence of an open abdomen after 'damage control' laparotomy is not associated with an increased postoperative infection rate.

P. Stahel¹, C. Burlew², J. Hahnhaussen¹, N. Glass¹, E. Moore¹; ¹Denver, CO/US, ²Denver/US

Proposal to establish a european qualification of competence in trauma and non-trauma emergency surgery

C. Mesquita, L. Pinheiro, J. Pereira; Coimbra/PT

16:00 - 17:30 New technology

Moderation: M. Cimerman¹, P. Wendsche²; ¹Ljubljana/SI, ²Brno/CZ

Fluoroscopic based navigation in Orthopaedic trauma – a review of a large center's experience

Y. Weil, I. Volk, R. Mosheiff, M. Liebergall, A. Khoury; Jerusalem/IL

Reduction of the fibula with syndesmotic instability (AO/OTA classification 44-C type) using intraoperative 3D image

N. Shiota, T. Sato, T. Uchino; Okayama/JP



Electromagnetic Navigation: A new technique for minimal invasive Iliosacral Screw Placement?

M. Pishnamaz, H.S. Na, C. Wilkmann, T. Schmitz-Rode, H.C. Pape; Aachen/DE

ROBUST-Regeneration of osteoporotic bone using stem cell transplantation

F. Saxer, A. Scherberich, P. Studer, S. Miot, A. Todorov, S. Güven, S. Schreiner, M. Haug, D. Schaefer, M. Heberer, I. Martin, M. Jakob; Basel/CH

Intrafocal LED operating lighting. Evaluation and perspectives in trauma surgery

E. HORNEZ¹, T. Monchal², G. Boddaert¹, J.L. Daban¹, P. Balandraud³, D. Ollat⁴; ¹Clamart/FR, ²Toulon/FR, ³Marseille/FR, ⁴Saint Mandé/FR

Acute Management of the Fibula in Pilon and very distal Lower Leg fractures with open and closed soft tissue trauma

W. Friedl, W. Friedl; Aschaffenburg/DE

Functional outcome following bridge plating in Lisfranc injuries

P. van Koperen, N. Schep, J.C. Goslings, J. Luitse, V.M. de Jong, T. Schepers; Amsterdam/NL



Monday, May 11, 2015

08:30 - 10:00 Necrotizing soft tissue infections

Moderation: I. Martínez¹, A. Fingerhut²; ¹Alicante/ES, ²Paris/FR

Risk Stratification Of Necrotizing Fasciitis Based On The Initial Procalcitonin Levels: A Single Center Observational Study

H. Al-Thani, A. El-Menyar, I. Mudali, A. Mekkodathi, N. Shaikh, R. Peralta, H. Abdelrahman, M. Ellabib; Doha/QA

Relatively simple wound management in patients with Fournier`s Gangrene

J. Bosschieter, G. Musters, N. Schep, T. Schepers, V.M. de Jong; Amsterdam/NL

The LRINEC (Laboratory Risk Indicator For Necrotizing Fasciitis) Score As An Indicator Of The high Risk Patients

A. El-Menyar, H. Al-Thani, N. Shaikh, I. Mudali, A. Mekkodathi, M. Asim, A. Zarour, H. Abdelrahman, A. Parchani, R. Peralta; Doha/QA

The Impact Of Diabetes Mellitus On The Occurrence And Severity Of Necrotizing Fasciitis

H. Al-Thani, A. El-Menyar, N. Shaikh, I. Mudali, M. Al-Sulaiti, A. Tabeq; Doha/QA

Endovascular treatment of acute post-traumatic arterial thrombosis: an experimental study

V. Reva, A. Denisov, M. Sokhranov, D. Sveklov, S. Telickiy, A. Seleznev, I. Samokhvalov; Saint-Petersburg/RU

The endovascular repair of vascular injuries – a selective approach to poly-trauma

T. Salamon, A. Altshuler; Zafed/IL

Quality of life after a necrotizing soft tissue infection

R. van der Heiden, V.M. de Jong, T. Schepers, N. Schep; Amsterdam/NL

08:30 - 10:00 Trauma systems / Trauma registration

Moderation: I.B. Schipper¹, R. Lefering²; ¹Leiden/NL, ²Witten/DE

Epidemiology Of Injuries, Outcomes At A Rural Hospital In Cameroon

K. Kaggya, Bamenda/CM

The alcohol intoxicated trauma patient: impact on triage, imaging, radiation exposure, and mortality

C. Weber, P. Kobbe, J. Schmitz, T. Dienstknecht, F. Hildebrand, H.C. Pape; Aachen/DE

A Multiple Imputation model as a solution for missing data in the Dutch trauma registry?

N. ter Bogt¹, D. Hesselink², M. de Jongh³; ¹Enschede/NL, ²Zwolle/NL, ³Tilburg/NL

Infrastructure and clinical practice for the detection and management of trauma associated haemorrhage and coagulopathy

A. Driessen, N. Schäfer, V. Albrecht, M. Schenk, M. Fröhlich, E. Stürmer, M. Maegele; Köln/DE

Traumatic re-fracture with intramedullary femoral nail in situ : a mechanical analysis

M. Hanauer¹, J. Delaloye¹, E. Vitcoq², Y. Arlettaz¹; ¹Sion/CH, ²Genève/CH

Unconscious Bias in Trauma Care Providers

T. Zakrisson, L. Zebib, G. Moore, G. Ruiz, C. Schulman, N. Namias; Miami, FL/US

Post mortem imaging of the thoracic and lumbar spine versus autopsy in deceased trauma patients - A systematic review.

H. Jalalzadeh, G. giannakopoulos, F. Berger, J. Fronczek, U. Reijnders, W.P. Zuidema; Amsterdam/NL

**08:30 - 10:00 Epidemiology / Evidence based traumacare**Moderation: F. Turégano Fuentes¹, A. Baker²; ¹Madrid/ES, ²Durban/ZA**Effect of Tranexamic Acid in the Real World --A Propensity Score Matching Analysis of Data from Japan Observational Study for Coagulation and Thrombolysis in Early Trauma (J-OCTET)**

A. Shiraishi¹, Y. Otomo¹, K. Murata¹, H. Kato², J. Sasaki¹, H. Ogura³, T. Matsuoka⁴, T. Uejima⁵, N. Morimura⁶, H. Ishikura⁷, M. Hayakawa⁸, A. Hagiwara¹, M. Takeda¹, N. Kaneko⁹, D. Saitoh¹⁰, H. Yokota¹, T. Sakamoto¹¹, H. Tanaka¹², S. Kushimoto¹³; ¹Tokyo/Jp, ²Tachikawa/Jp, ³Suita/Jp, ⁴Izumisano/Jp, ⁵Osakasayama/Jp, ⁶Yokohama/Jp, ⁷Fukuoka/Jp, ⁸Sapporo/Jp, ⁹Fukaya/Jp, ¹⁰Tokorozawa/Jp, ¹¹Kurume/Jp, ¹²Urayasu, Chiba/Jp, ¹³Sendai/Jp

Thromboprophylaxis for below-knee cast immobilisation: a survey studyR. van Adrichem, J. van Oosten, B. Németh, S. Cannegieter, I. Schipper, R. Nelissen; Leiden/NL**How can we improve analgesia control in patients admitted for trauma surgery?**M. Sidhu, E. Hiron, A. Malik; HJ/UK**Trauma is not just 9-5. The epidemiology of childhood injury in the East Midlands Major Trauma Centre.**L. Adamson, K. Rollins, P. Davies, A. Brooks; Nottingham/UK**Injury profile and outcomes of elderly nursing home residents admitted to an Australian Major Trauma Centre**M. Dinh, O. sotade, K. Bein; Camperdown, NSW/AU**Changing landscapes for plastic surgery: the effect of the Major Trauma Network on emergency operative workload**S. Hendrickson, D. Osei-Kuffour, K. Rahman, J. Simmons, S. Hettiaratchy; London/UK**Regional experience of the management of severe open lower limb injuries in the UK**S. Rahman¹, J. Yarrow², N. Marsden², I. Pallister², S. Hemington-Gorse²; ¹West Sussex/UK, ²Swansea/UK**Intramedullary Nail versus Dynamic Hip Screw; Costs and complications.**M. Meeuwis¹, M. de Jongh¹, J. Bogaerts¹, S. Kleinveld¹, M. Verhofstad²; ¹Tilburg/NL, ²Rotterdam/NL**10:30 - 12:00 Abdominal emergency**Moderation: D. Mariani¹, J. Tilsed²; ¹Legnano/IT, ²Beverley/UK**Isolated blunt duodenal trauma: simple repair, low mortality**S. Siboni, E. Benjamin, T. Haltmeier, K. Inaba, D. Demetriades; Los Angeles, CA/US**Ultrasound: Efficiency of the Mastery Learning approach in gaining competence performing FAST**V. Britz¹, J. Sterz¹, S. Hofer¹, I. Marzi², M. Ruesseler²; ¹Frankfurt/GA, ²Frankfurt/DE**Prevalence of peritonitis, sepsis and shock in octa- and nonagenarians with perforated peptic ulcer: relation to severe complications and death**K. Søreide, K. Thorsen, J. Narvestad, J. Søreide; Stavanger/NO**Percutaneous cholecystostomy as definitive treatment for a selected group of high-risk patients**



M. Bala, I. Mizrahi, J. Yuval, A. Eid, G. Almogy; Jerusalem/IL

New therapeutical approach in management of acute mesenteric ischemia : a radio-surgical cooperation

E. Girard, B. Trilling, C. Mourey, J. Abba, P. Bouzat, J. Frandon, F. Thony, C. Arvieux; La Tronche/FR

Perforated Peptic Ulcer with Positive Computed Tomography Finding in Omental Bursa Imposes Management Complexity

S.Y. Wang, C.Y. Fu; Taoyuan/TW

Factors predicting positive FAST result to detect hemoperitoneum in trauma patients

P. Wuthisuthimethawee, Hatyai, Songkhla/TH

10:30 - 12:00 Sports related injuries

Moderation: D. Heim¹, E.J.J.M. Verleisdonk²; ¹Frutigen/CH, ²Utrecht/NL

High percentage of complications following locking plate fixation for proximal humerus fractures: An analysis of risk factors

N. Hallensleben¹, F. Beeres¹, S. Rhemrev², S. Meylaerts², J.C. Goslings¹, N. Schep¹; ¹Amsterdam/NL, ²Den Haag/NL

Pre-operative Fitting of Osteosynthetic Plate for Clavicle Fracture using Rapid Prototyping

R. van Doremalen¹, S. van Helden¹, E. Hekman², J. Kootstra¹; ¹Zwolle/NL, ²Enschede/NL

Reconstruction plates for the fixation of midshaft clavicular fractures

S. Woltz¹, J. Duijff¹, J. Hoogendoorn², S. Rhemrev², I. Schipper¹, R. Breederveld³, F. Beeres¹; ¹Leiden/NL, ²The Hague/NL, ³Le Beverwijk/NL

Mid-term Outcome of injuries in Lisfranc's joint

J. Hoekstra, B. Szelle, P. van der Zwaal, J. Hoogendoorn; Den Haag/NL

Fixator-assisted nailing in fractures of proximal humerus

A. Chelnokov¹, E. Lavrukova²; ¹Ekaterinburg/RU, ²Russia/RU

Outcomes of Surgical Treatment of Posterior Cruciate Ligament Tibial Avulsion Fractures through an Open Posterior Approach

A. El-Adawy, M. Abdeen; Zagazig-Elsharkia/EG

Midclavicular fractures treated with minimal invasive plate osteosynthesis (MIPO)

P. Kornherr, K. Wenda; Wiesbaden/DE

10:30 - 12:00 Military Medicine

Moderation: B. Dobson¹, R. Hoencamp²; ¹Chessington/UK, ²Leiden/NL

« Life-saving surgical unit » : experience of a recent concept in the french army.

T. Monchal¹, M. Puidupin², E. HORNEZ³, J. Avaro¹, F. Pons⁴, P. Balandraud¹; ¹Toulon/FR, ²Lyon/FR, ³Clamart/FR, ⁴Paris/FR

Surgical Complications and Skills in MSF Trauma Surgery Settings

L. Dominguez¹, M. Trelles¹, A. Timory², E. Esmatullah², P. Hamilton³, O. William³, R. van den Bergh¹, F. Deleplanque¹; ¹Brussels/BE, ²Kunduz/AF, ³Port-Au-prince/HT

Battlefield care in motion; what influences the development of Battlefield Advanced Trauma Life Support? Past, present and future.

S. Dierckx¹, J. Ryan²; ¹Amsterdam/NL, ²London/UK



Vascular damage control for war penetrating trauma of the limbs. Lessons learned after a 2 years experience in a French Forward Surgical team.

E. HORNEZ¹, G. Boddaert¹, Y. Baudoin¹, J.L. Daban¹, S. Aguir¹, A. Avramenko¹, S. Bonnet¹, F. Pons²; ¹Clamart/FR, ²Paris/FR

The Assessment of The Role, Preparation and Manament Of Emergency Nurses During Disasters

S. Yilmaz, H. Aydin; Kocaeli/TR

End-user requirement gathering for research projects in Emergency and Disaster Medicine

S. Magalini¹, G. Pepe¹, P. Mari¹, L. Marchesi¹, R. Moramarco¹, J. King¹, G. Seynaeve², D. Gui¹; ¹Rome/IT, ²Brussels/BE

Disaster Management, Mass Casualty organization- from theory to practice Ten phases of emergency organization

G. Hyams, M. Halberthal; Haifa/IL

10:30 - 12:00

Miscellaneous

Moderation: F. Pons¹, A. Cretnik²; ¹Paris/FR, ²Ljubljana/SI

Injury of vertebral arteries in polytrauma patients - underestimated?

T. Weber, J. Fakler, O. Oezkurtul, S. Glasmacher, J. Jarvers, C. Josten; Leipzig/DE

Septic complications in community-acquired and nosocomial secondary peritonitis

C. Pañella Vilamú, E. Membrilla Fernández, A.J. Salazar Báez, X. Crous i Masó, M.P. Iskra Marcos, M.J. Pons Fraguero, L. Grande Posa, J.J. Sancho Insenser; Barcelona/ES

Effect of treatment protocol for infection after osteosynthesis

P. Hellebrekers, L. Leenen, M. Hoekstra, F. Hietbrink; Utrecht/NL

Induced membrane, a systematic review on the rate of union

K. Prins, K. Balvers, T. Schepers, N. Schep, J.C. Goslings, V.M. de Jong; Amsterdam/NL

Do standard coagulation tests and ROTEM parameters adequately reflect Thrombin Generation Potential of trauma patients following emergency room admission?

H. Schöch¹, W. Voelckel¹, S. Bahrami², H. Redl², C. Schlimp²; ¹Salzburg/AT, ²Vienna/AT

Fibrinolysis Shutdown in Trauma ICU Patients

E. Gonzalez¹, E. Moore², H. Moore², M. Chapman³, A. Helfrich⁴, A. Morton⁵, A. Sauaia⁴, A. Banerjee², C. Silliman²; ¹Aurora, Colorado, AL/US, ²Aurora, Colorado/US, ³Aurora, Colorado, CO/US, ⁴Aurora, CO/US, ⁵Denver, CO/US

The Effect of Red Blood Cell Storage on Transfusion Associated Fibrinolysis

A. Morton, E. Moore, H. Moore, E. Gonzalez, M. Chapman, A. Bacon, C. Silliman, A. Sauaia, A. Banerjee; Aurora, Colorado/US

Platelet are Integral in the Regulation of Post-injury Systemic Fibrinolysis

H. Moore¹, E. Moore², E. Gonzalez², A. Morton², M. Chapman², A. Sauaia², A. Banerjee², C. Silliman²; ¹Aurora, Colorado, AL/US, ²Aurora, Colorado/US

14:00 - 15:30

Burns

Moderation: N. Moiemmen¹, R. Breederveld²; ¹Birmingham/UK, ²Le Beverwijk/NL

Advanced Enzymatic Debridement in full-thickness thermal burns



M. Öhlbauer, P. Rapp, B. Wallner; Murnau/DE

Usability and effectiveness of Suprathel® in partial thickness burns in children

Z. Rashaan¹, P. Krijnen¹, J.H. Allema², A.F. Vloemans³, I. Schipper¹, R. Breederveld⁴; ¹Leiden/NL, ²Aa/NL, ³Beverwijk/NL, ⁴Le Beverwijk/NL

Burn treatment principles in burn trauma centres in German-speaking Europe

B. Ziegler, M. Münzberg, J. Horter, T. Kremer, U. Kneser, P. Grützner, C. Hirche; Ludwigshafen/DE

Thermomechanical combination injuries - A rare but life-threatening situation

M. Münzberg, C. Hirche, P. Grützner, T. Harbers, J. Horter, T. Kremer, C. Wölfl, U. Kneser; Ludwigshafen/DE

14:00 - 15:30 Miscellaneous

Moderation: B. Bakota¹, T. Scalea²; ¹Zagreb/HR, ²Baltimore/US

An impact of comprehensive trauma care approach for severe torso injury

H. Matsumoto, Y. Hara, T. Yagi, N. Saito, K. Hayashida, K. Mashiko, H. Iida, T. Motomura, F. Nakayama, K. Okada, T. Sakamoto, T. Seo, K. Suginaka, A. Hirabayashi, H. Yasumatsu, Y. Konda, Y. Hattori, S. Ohnishi, M. Gotoh, Y. Ichikawa, A. Shibata; Inzai/JP

The Algorithm of Proximal Femoral Nail Use for Surgical Treatment of Trochanteric Fractures

A. Kalashnikov¹, V. Malyk², Y. Stavinsky¹, Y. Litun¹; ¹Kyiv/UA, ²Poltava/UA

Long time results off he XS Nail Osteosynthesis of fractures under tension like Patella and Olecranon

W. Friedl, Aschaffenburg/DE

Modified plate design for locking osteosynthesis of the distal humerus in osteoporotic bones.

E. Wilde, E. Rank, G. Heinrichs, A. Schulz; Lübeck/DE

Spatial ability training in a 3D immersive environment. A pilot study

G. Gradl¹, S. Berney², R. Hauck³, R. Haddad Zube², H.C. Pape¹, M. Knobe¹; ¹Aachen/DE, ²Geneva/CH, ³Nottingham/UK

Prehospital use of mobile near-infrared spectroscopy to diagnose intracranial hematoma

E. Tan, J. Peters, N. Hoogerwerf; Nijmegen/NL

Biomechanical evaluation of augmented versus non-augmented sacroiliac screws in a newly developed hemi-pelvis model

N. Grüneweller¹, M. Raschke², D. Widmer¹, I. Zderic¹, D. Wähnert², B. Gueorguiev¹, R. Richards¹, T. Fuchs², M. Windolf¹; ¹Davos/CH, ²Münster/DE

Quality of Life in Patient with Multiple Trauma: Difference 10 versus 20 Years after Accident

R. Pfeifer, H. Anduszkow, L. Wehr, P. Kobbe, M. Knobe, H.C. Pape; Aachen/DE

Pre-hospital Hypotension is Associated with Altered Inflammation Dynamics and Worse Outcomes Following Blunt Trauma in Humans

K. Almahmoud, R. Namas, A. Zaaqoq, O. Abdul-Malak, J. Sperry, A. Peitzman, T. Billiar, Y. Vodovotz; Pittsburgh, PA/US

16:00 - 17:30 The acute care surgeon



Moderation: A. Leppäniemi¹, A. Khorram Manesh²; ¹Helsinki/FI, ²Gotheborg/SE

Comparison of laparoscopic and open appendectomy: 5-Year Single Center Experience

A.F. Gok¹, Y. Soytaş¹, S. Yüksel², M. Üçüncü¹, M. İlhan², H. Yanar², C. Ertekin¹; ¹Istanbul/TR, ²Istanbul/TR

Implementation of a novel surgical admission proforma in a sub-specialised Emergency General Surgical Unit to improve provision of care

T. Kennedy, M. Fok, R. Weatherburn, N. Misra; AI/UK

Antibiotic vs. Surgery in uncomplicated Acute Appendicitis (ASAA): final results?

E. Poiasina, M. pisano, M. ceresoli, F. palamara, M. giulii capponi, L. campanati, M. lotti, A. drago, F. coccolini, S. Magnone, E. poletti, L. Ansaloni; Bergamo/IT

Multidisciplinary approach in educating Acute Care Trauma Surgeons

O. LUPESCU, M. NAGEA, T. AVRAMESCU, C. PATRU, G.I. POPESCU; Bucharest/RO

The efficiency of emergency surgical care in a London district general hospital

E. Soyly, F. Mihaimeed, A. Murray, A. Lawson McLean; London/UK

Implementation of an acute care surgery service facilitates adherence to modern clinical practice guidelines for gallstone pancreatitis

P. Murphy¹, N. Parry¹, D. Paskar², K. Leslie¹, T. Mele¹; ¹London, ON/CA, ²London/CA

Why patients die in the operating room. Rationale for advanced vascular training of the next generation of trauma surgeons

B. Geboers¹, H. Moore², E. Moore², A. Morton², E. Gonzalez², G. Jurkovich², C. Fox²; ¹Amsterdam/NL, ²Denver, Colorado, CO/US

16:00 - 17:30 Epidemiology / Evidence based traumacare

Moderation: A.V. Kalashnikov¹, R. Arora²; ¹Kyiv/UA, ²Innsbruck/AT

Pain Exposure Physical Therapy versus Conventional Therapy in Patients with Complex Regional Pain Syndrome type 1: a randomised controlled trial

K. Barnhoorn, J.P. Frolke, H. Groenewoud, F. Klomp, R. Van Dongen, H. Van de Meent, R. Nijhuis; Nijmegen/NL

Impairment of Platelet Aggregation in Isolated Traumatic Brain Injury

J. Gurney¹, B. Howard¹, C. Hendrickson¹, A. Conroy¹, M. Kutcher², L. Kornblith¹, M. Nelson¹, K. Balhota¹, J. Crane¹, K. Gee¹, J. Hong¹, M. Cohen¹; ¹San Francisco, CA/US, ²Pittsburgh, CA/US

Providing support for young people during the acute hospital phase of care following major injury: a qualitative study of family members

R. Ogilvie¹, K. Foster², A. McCloughen³, K. Curtis³; ¹Garran/AU, ²Bruce/AU, ³Camperdown, NSW/AU

Vitamin D deficiency in pediatric fracture patients: prevalence and risk factors

E. Gorter, W. Oostdijk, A. Felijs, P. Krijnen, I. Schipper; Leiden/NL

Venous thromboembolism in multitrauma patients

D. de Rooij¹, A. Gunning¹, R. Maier², L. Leenen¹, F. Hietbrink¹; ¹Utrecht/NL, ²Seattle, WA/US

Functional outcome 6 months after treatment for hip fractures: comparison between a comprehensive care pathway and care as usual

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

Severe Traumatic Brain Injury in Bern, Switzerland and the USA: Different Prehospital Management, Comparable Outcomes

T. Haltmeier¹, B. Schnüriger², E. Benjamin¹, M. Brodmann², M. Künzler², S. Siboni¹, D.



Demetriades¹; ¹Los Angeles, CA/US, ²Bern/CH

16:00 - 17:30 Trauma systems

Moderation: S. Uranues¹, M. el Moumni²; ¹Graz/AT, ²Groningen/NL

Patterns of Surgical Presentations at an African Regional Referral Hospital: Surveillance as a Step Towards Improving Access to Care

M. Ajiko¹, D. Dave², R. Smith¹, C. Juillard², R. Dicker²; ¹San Francisco/US, ²San Francisco, CA/US

Patterns of Injury at a Trauma Center in India: Opportunities for Injury Prevention

A. Laytin¹, V. Kumar², C. Juillard¹, B. Sarang², R. Dicker¹, N. Roy²; ¹San Francisco, CA/US, ²Mumbai/IN

Sinus tarsi approach with minimal hardware fixation in joint depression type calcaneal fracture

A. nahla, A. elmalt; Egypt/EG

Is TSF external fixator a definitive treatment suitable for a complex fracture of the tibia? Functional results.

A. Prada Cañizares, V. Jiménez, M. Aroca, J.L. León, A. Toro-Ibarguen, M. Arroyo, I. Auñon-Martín; Madrid/ES

An Audit of an Alcohol Screening and Brief Intervention for Trauma Patients in a Multi-Cultural Setting: Closing the Loop on Gaps and Barriers

R. Consunji, H. Al-Thani, H. Abdelrahman, A. El-Menyar, I. Mahmood, M. Mollazahi, H. Shalthout, H. Al-Tarakieh, A. Parchani, A. Zarour, I. Mudali, R. Peralta; Doha/QA

The influence of prehospital time on trauma patients outcome: a systematic review.

A. Harmsen, J. Giannakopoulos, P. Moerbeek, E. Jansma, J. Bonjer, F. Bloemers; Amsterdam/NL

Direct transport versus inter hospital transfer of severely injured trauma patients

S. Mans, E. Reinders Folmer, M. de Jongh, K. Lansink; Tilburg/NL

16:00 - 17:30 New technology

Moderation: P. Örtengren¹, T. Blokhuis²; ¹Frolunda/SE, ²Utrecht/NL

Safety of Osseointegrated Prosthesis for trans-femoral amputees

J.P. Frölke¹, M. Al Muderis², G. Raz², M. Edwards¹, H. Van de Meent¹; ¹Nijmegen/NL, ²Sydney, ACT/AU

Wrist fractures treated with a new percutaneous intramedullary rod osteosynthesis: IlluminOss® using a polymerized monomer – a Case Series

P. Klitsie, P. Vegt; Dordrecht/NL

Reconstruction of femoral head impaction injuries using osteochondral shell autografts harvested from the head-neck junction

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

Acute atrophic changes of the volume of interest composing of hippocampus, amygdaloid body, and entorhinal area following moderate traumatic intracranial injury is associated with reduction of daily activity in the middle-aged and the elderly

J. TSURUKIRI, K. UENO, K. KUMASAKA, T. OOMURA, H. SANO, S. SUNAGA; Tokyo/JP

Influence of Masquelet's induced membrane filled with autologous bone and stem cells on

**bone healing in a critical size defect model of the rat's femur.**

C. Nau¹, S. Simon¹, C. Seebach², D. Henrich², I. Marzi³; ¹Frankfurt Am Main/DE, ²Frankfurt Main/DE, ³Frankfurt/DE

Cell count of mesenchymal stromal cells (CD45-, CD271+) depending on their localization in adult bone. Increased number for cancellous areas of the human femoral neck.

S. Meier, C. Seebach, H. Bönig, G. Spohn, D. Henrich, I. Marzi; Frankfurt Main/DE

The electronic Trauma Health Record (eTHR); The promise of electronic injury surveillance for global injury control

A. Nicol¹, E. Zargarani², P. Navsaria¹, S. Hameed²; ¹Cape Town/ZA, ²Vancouver, BC/CA

Custom made implants: every fracture and every surgeon has his own plates

M. Tomazevic, A. Kristan, M. Cimerman; Ljubljana/SI

Growth Plate Autologous Chondrocyte Implantation to restore joint cartilage lesions

R. Tomaszewski, A. Gap; Katowice/PL

16:00 - 17:30

Miscellaneous

Moderation: H. Eckardt¹, J. Peltzer²; ¹/CH, ²Delemont/CH

Seasonal trends in paediatric and geriatric trauma: justification for a dedicated paediatric service

K. Linton, D. McDaniel, G. Bass, M. Sayana, A. Zubovic; Drogheda/IE

Accidents involving a motorized mobility scooter; A growing problem

H. Leijdesdorff, J. van Dijck, P. Krijnen, I. Schipper; Leiden/NL

Performance of the Taylor Spatial frame femoral fractures in patients with multiple traumatic injuries.

F. Sala, D. Capitani, V. Scita, S. alati, U. Valentinotti; Milano/IT

Long term follow-up of trauma patients treated by a Helicopter Emergency Medical System

K. Funder¹, J. Steinmetz¹, L. Rasmussen¹, N. Lohse², R. Hesselfeldt¹, V. Siersma¹; ¹Copenhagen/DK, ²Hvidovre/DK

A global perspective of a new model to evaluate and compare trauma center performances in current trauma populations

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

Virtual Fracture Clinic: a time for change?

A. Yewlett¹, D. Ryan², V. Ramsingh¹, R. Kulkarni¹; ¹Ub/UK, ²Nn/UK

Kinetics of local inflammation in fracture hematoma and systemic course after a combined trauma model with hemorrhagic shock in pigs – what can we expect?

K. Horst¹, D. Eschbach², M. Sassen², T. Steinfeld², R. Pfeifer¹, S. Ruchholtz², H.C. Pape¹, F. Hildebrand¹; ¹Aachen/DE, ²Marburg/DE

Enhancing surgical training by using different models of education

A. Vasireddy, G. Davies, G. Grier, A. Weaver, D. Lockey; London/UK

Hip pain in the active adult female: a missed diagnosis

K. Linton¹, N. Saeed², M. Sayana², P. Harrington²; ¹Dublin/IE, ²Drogheda/IE



Tuesday, May 12, 2015

08:30 - 10:00 Epidemiology / Evidence based traumacare

Moderation: M.P. Zago¹, A. Shamiyeh²; ¹Ponte San Pietro/IT, ²Linz/AT

Incidence of vertebral fractures in the Netherlands, 1997–2012

J. ten Brinke¹, T.P. Saltzherr¹, M. Hogervorst¹, J.C. Goslings²; ¹Apeldoorn/NL, ²Amsterdam/NL

Outcome of Severely Injured Patients over Eight Years in a Level 1 Trauma Centre: the Effect of Fluid Resuscitation Evolvement in Mortality

T. Brinck¹, R. Lefering², L. Handolin¹; ¹Helsinki/FI, ²Witten/DE

Prophylaxis of venous thromboembolism in patients with a nonsurgical fracture of the lower extremity immobilized in a below-knee plaster cast

M. Bruntink¹, R. Derksen¹, Y. Groutars², R. Breederveld¹, I. Schipper²; ¹Beverwijk/NL, ²Leiden/NL

Predictors of return to work after mild to moderate injury

I. Reininga, S. Brouwer, I. Soons, J. van der Naalt, B. Gareb, K. Wendt, M. de Koning, M. el Moumni; Groningen/NL

E-bike related traffic accidents; a 21st century problem due to technical evolution and aging? Prospective analysis of the patient characteristics and severity of injury

H. Poos, K. ten Duis, J. Harbers, M. el Moumni, I. Reininga, K. Wendt; Groningen/NL

Trends in Violent Injury in America During the Great Recession of 2008-2009

A. Laytin, C. Juillard, R. Dicker; San Francisco, CA/US

Survival Benefit of Physician-staffed Helicopter Emergency Medical Services (HEMS) Assistance for Severely Injured Patients

D. Den Hartog, J. Romeo, A. Ringburg, M. Verhofstad, E.M.M. Van Lieshout; Rotterdam/NL

08:30 - 10:00 Sports related injuries

Moderation: C. Copuroglu¹, S. Nijs²; ¹TR, ²Leuven/BE

Bony landmarks for arthroscopic elbow arthrolysis

M. Hackl, K. Wegmann, T. Leschinger, L.P. Müller; Cologne/DE

Diagnostic Performance of the Bernese versus Ottawa Ankle Rules interpreted by ED Residents and Triage Nurses: Results of a Randomized Controlled Trial.

R. Derksen¹, L. Knijnenberg², G. Fransen³, R. Breederveld¹, I. Schipper⁴; ¹Beverwijk/NL, ²Amsterdam/NL, ³Zaandam/NL, ⁴Leiden/NL

Chronic elbow instability: Is the MRI a reliable diagnostic tool?

M. Hackl, K. Wegmann, T. Leschinger, L.P. Müller; Cologne/DE

The course of the posterior interosseous nerve in relation to the proximal radius

M. Hackl, K. Wegmann, S. Lappen, C. Helf, L.P. Müller; Cologne/DE

Miniopen Reconstruction of Neglected Achilles Tendon Rupture Using Free Semitendinosus Tendon Graft

A. eid, T. ElHewala; Zagazig/EG

Bimalleolar equivalent ankle fractures- is medial exploration necessary?

Y. Weil, Y. Gellman, R. Mosheiff, M. Liebergall, A. Khoury; Jerusalem/IL



The bare area of the olecranon: An anatomic study to optimize olecranon osteotomy

K. Wegmann, M. Hackl, S. Lappen, L.P. Müller; Cologne/DE

08:30 - 10:00 Infection

Moderation: S. di saverio¹, L. Handolin²; ¹Bologna/IT, ²Fi- Hus Finland/FI

Local administration of SDF1- α enhances wound healing impaired by sepsis

K. Sommer, H. Jakob, S. Eberlein, D. Henrich, J. Frank; Frankfurt A.m./DE

Bacterial Reduction and Community Shift with Negative-Pressure Wound Therapy: The Relevance of Surgical Debridements in the Operating Room

T. Jentzsch, G. Osterhoff, P. Zwolak, B. Seifert, V. Neuhaus, H. Simmen, G. Jukema; Zürich/CH

Worse Outcomes and More Infectious Complications in Critically Ill Trauma Patients with Persistent Inadequate Caloric and Protein Administration

T. Haltmeier¹, K. Inaba¹, B. Schnüriger², S. Siboni¹, D. Demetriades¹; ¹Los Angeles, CA/US, ²Bern/CH

Splenic neutrophil compartmentalization in a mouse model with trauma and hemorrhagic shock

M. Teuben¹, M. Heeres¹, L. de Boer¹, R. Pfeifer², T. Blokhuis¹, N. Vrisekoop¹, H.C. Pape², L. Koenderman¹, L. Leenen¹; ¹Utrecht/NL, ²Aachen/DE

First experimental experiences with a native collagen-elastin scaffold for coverage of traumatic and infected wounds

G. Jukema, F. Schaefer, M. Koenig, H. Simmen; Zürich/CH

FDG-PET/CT: a diagnostic tool for post-traumatic osteomyelitis?

K. van Vliet¹, V. de Jong¹, M. Termaat², T. Schepers¹, B. van Eck-Smit¹, J.C. Goslings¹, N. Schep¹; ¹Amsterdam/NL, ²Leiden/NL

Bactericidal incompetence of a subset of neutrophils following severe injury

P. Liefveld, J. Pillay, S. Rooijackers, L. Koenderman, L. Leenen; Utrecht/NL

08:30 - 10:00 Bleeding

Moderation: R. Komadina¹, G. Velmahos²; ¹Celje/SI, ²Boston/US

Resuscitative endovascular balloon occlusion of the aorta versus aortic cross clamp in trauma resuscitation

M. Yagi, A. Shiraishi, A. Yoshiyuki, K. Haruta, T. Ichinose, Y. Otomo; Bunkyo-Ku/JP

The use of extracorporeal circulation systems in severe accidental hypothermia after drowning: a center experience

M. Weuster, A. Haneya, M. van der Brelie, B. Panholzer, A. Kowalski, J. Cremer, N. Haake; Kiel/DE

Massive Transfusion Protocols in Trauma: Three year's experience

C. Rey Valcárcel, M. Cuadrado Ayuso, L. Zarain Obrador, M.D. Perez Díaz, F. Turégano Fuentes; Madrid/ES

Use of REBOA (resuscitative endovascular balloon occlusion of the aorta) in catastrophic pelvic haemorrhage

A. Vasireddy, G. Davies, G. Grier, A. Weaver, D. Lockey; London/UK

**Tourniquet use for civilian extremity trauma**

S. Siboni, K. Inaba, S. Resnick, T. Haltmeier, E. Benjamin, J. Zhu, M. Wong, D. Demetriades; Los Angeles, CA/US

Packed Red Blood Cells for traumatic cardiopulmonary arrest can improve the rate of return of spontaneous circulation

K. Liu, T. Ogura, M. Nakano, K. Fujizuka, M. Nakamura; Maebashi/JP

Validation of Citrated Rapid Thrombelastography for Point-of-Care Use in Trauma

A. Helfrich¹, E. Moore², M. Chapman², H. Moore², E. Gonzalez², A. Morton², A. Banerjee², C. Silliman²; ¹Aurora, CO/US, ²Aurora, Colorado/US

08:30 - 10:00 Military & disaster

Moderation: G. Okçu¹, S. Stergiopoulos²; ¹Izmir/TR, ²Chaidari/GR

Teleconferencing Advanced Disaster Medical Response Course as a Disaster Preparedness Method for the FIFA World Cup

G. Fraga¹, A. Dorigatti¹, B. Pereira¹, J. Cruvinel Neto¹, A. Silva II¹, A. Marttos Jr.², S. Briggs³; ¹Campinas/BR, ²Miami, FL/US, ³Cambridge, MA/US

Urban War casualties treated in civilian hospitals-national trauma coordinators

J. Benbenishty¹, D. Alboer², S. Yair³, B. Segal⁴, M. Nevo⁵, G. Hyams⁶, Y. Dayan⁷; ¹Jerusalem/IL, ²Petach Tikva/IL, ³Beer Sheva/IL, ⁴Ramat Gan/IL, ⁵Rehovot/IL, ⁶Haifa/IL, ⁷Ashkelon/IL

Public medical preparedness - Evaluation of 1533 patients treated at the largest sporting event in Switzerland

S. Hostettler-Blunier¹, L. Martinolli¹, F. Neff¹, A. Hosner², H. Bähler¹, D. Baumberger¹, B. Schnüriger¹; ¹Bern/CH, ²Burgdorf/CH

Specific traumatology in avalanche victims. Results from a French Trauma Center Database.

B. Trilling¹, E. Girard¹, Y. Boue¹, S. Barbois¹, P. Lavagne¹, F. Jarry², M. Blancher¹, C. Arvieux¹; ¹La Tronche/FR, ²Grenoble/FR

Attitudes to "Battlefield ATLS" & ATLS among Dutch Military Physicians

S. Dierckx¹, J. Ryan²; ¹Amsterdam/NL, ²London/UK

Combat related vascular injuries: a Dutch experience

T. van Dongen¹, J. Hamming², E. Tan³, L. Leenen¹, R. Hoencamp²; ¹Utrecht/NL, ²Leiden/NL, ³Nijmegen/NL

Trauma Room Manual - Improving Trauma Care by implementing a Trauma Room Manual

M. Münzberg¹, L. Wilkskamp¹, C. Huwer², S. Flohé³, M. Müller⁴, C. Schellenberger⁵, H. Trentzsch⁶, J. Brokmann⁷, A. Heller⁴, K. Käßler¹, J. Horter¹, C. Wölfl¹; ¹Ludwigshafen Am Rhein/DE, ²Berlin/DE, ³Düsseldorf/DE, ⁴Dresden/DE, ⁵Frankfurt / Main/DE, ⁶München/DE, ⁷Aachen/DE

2D versus 3D Fluoroscopic Navigation in Posterior Pelvic Fixation

S. Thakkar¹, R. Thakkar², G. Osgood², B. Shafiq², E. Hasenboehler¹; ¹Baltimore/US, ²Baltimore, MD/US

A Clinical Evaluation of Headless Compression Screws Fixation for Medial Malleolus Fractures

J. Bekken, G. Roukema, M. Harms; Rotterdam/NL

**10:30 - 12:00 Abdominal surgery**Moderation: T. Gaarder¹, I. Martínez²; ¹Oslo/NO, ²Alicante/ES**Rectal disruption from abdominal seatbelt injury – description of cases and discussion of injury mechanism**J. El Kafsi, R. Kraus, R. Guy; Oxford/UK**Is the laparoscopic (LA) approach appropriate in complicated appendicitis? A comparative study with the open (OA) approach.**L. Fattori, I. Gattuso, C. Dammaro; Monza/IT**Epidemiology of Ruptured Abdominal Aortic Aneurysms in a well defined Norwegian population.**A. Reite, M. Vethrus, C. Ellingsen, J. Kvaløy, K. Søreide; Stavanger/NO**How to decide damage control surgery in trauma care ? - Damage control indication detecting score (DECIDE score) -**K. Murata, Y. Otomo; Bunkyo-Ku/JP**NPWT and open abdomen management: a single high volume center experience**M.C. Tinti, F. Baticci, M. Ceolin, S. Mei, H. Kurihara; Rozzano - Milano/IT**Emergency Surgery for Colorectal Cancer: Evaluation of the Patients Underwent Emergent Resection with Curative Intent**M. Kement, F. Mulkut, F. Yegen, M. Kündes, A. Atıcı, A. Acar, M. Eser, L. Kaptanoglu, S. Vural; Istanbul/TR**Perioperative Biomarkers Associated with In-hospital Mortality in patients with Perforation peritonitis**S.H. Lee, K.W. Lee, J.G. Lee, M.J. Jung, H.W. Kim; Seoul/KR**10:30 - 12:00 Spine & Miscellaneous**Moderation: M.J.B. Keel¹, K.W. Wendt²; ¹Bern/CH, ²Groningen/NL**Bedrest leads to changes in lumbar intervertebral disc composition**B. Ganse¹, J. Zange¹, J. Rittweger¹, R. Pohle-Fröhlich², P. Frings-Meuthen¹, D. Belavy³, P. Bansmann¹, D. Felsenberg³, P. Eysel¹, T. Koy¹; ¹Cologne/DE, ²Krefeld/DE, ³Berlin/DE**Radiological changes in Patients with Ankylosing Spondylitis: A source of misinterpretation in case of cervical trauma**K. Almahmoud, R. Pfeifer, H. Eisenkrein, H. Andruszkow, F. Hildebrand, H.C. Pape, P. Kobbe; Aachen/DE**Pre-hospital prediction of spine fractures.**W. Klein Gebbink¹, J. ten Brinke¹, M. Hogervorst¹, T.P. Saltzherr¹, L. Pallada¹, A. Hosman²; ¹Apeldoorn/NL, ²Nijmegen/NL**Posterior Short Segment Pedicle Screw Fixation with Application of Pedicle Screws at the Fractured Level in Thoracolumbar Burst Fracture**T. ElHewala, Zagazig - Sharkia/EG**Operative versus Non-operative management of Floating Shoulder injuries**M. Elsoufy, Zagazig - Elsharkia/EG**Open Reposition And Fixation Of The Posterior Malleolus Via The Posterolateral Approach.**S. Verhage¹, J. van Vliet¹, I. Schipper², J. Hoogendoorn¹; ¹Den Haag/NL, ²Leiden/NL**Tension band wiring of olecranon fractures, still the best option?**



A. Terstappen¹, C. Vos², J. van den Brand¹; ¹Alkmaar/NL, ²Amsterdam/NL

Prevention of Excessive Medialisation of Trochanteric Fracture by a Buttress Screw: A Novel Method and Finite Element Analysis

B. Mahaisavariya¹, N. Chantarapanich², K. Riansuwan¹, K. Sithiseripratip³; ¹Bangkok/TH, ²Chonburi/TH, ³Pathumthani/TH

Geriatric trauma unit: the results of implementing a multidisciplinary treatment approach for elderly patients with a hip fracture

J. Langenberg, Leiderdorp/NL

14:00 - 15:30 Epidemiology / Evidence based traumacare

Moderation: L. Handolin¹, I.B. Schipper²; ¹Fi- Hus Finland/FI, ²Leiden/NL

Prediction models for venous thrombosis risk after cast immobilization of the lower extremity.

B. Németh¹, R. van Adrichem¹, S. le Cessie¹, A. van Hylckama Vlieg¹, P. Bucciarelli², I. Martinelli², F. Rosendaal¹, I. Schipper¹, S. Cannegieter¹; ¹Leiden/NL, ²Milan/IT

Contrast-induced nephropathy in polytrauma patients.

E. Slagter, B. Andela, B. Beuker, M. el Moumni; Groningen/NL

The value of routine radiographic follow-up in patients with ankle fractures in three large teaching hospitals in the Netherlands

N. Weil¹, M. Termaat¹, H. van der Meulen², J. Hoogendoorn², P. Krijnen¹, I. Schipper¹; ¹Leiden/NL, ²Den Haag/NL

Risk adjusted traffic related mortality decreased in parallel to a lower number of accidents during 2001-2011 in Sweden.

R. Larsen¹, D. Backstrom¹, M. Fredriksson¹, S. Walther¹, R. Gedeberg², F. Sjöberg¹; ¹Linköping/SE, ²Uppsala/SE

Risk adjusted assault related mortality remains unchanged in the period of 2001-2011 in a nationwide study in Sweden.

R. Larsen¹, D. Backstrom¹, R. Gedeberg², M. Fredriksson¹, S. Walther¹, F. Sjöberg¹; ¹Linköping/SE, ²Uppsala/SE

Improving outpatient care after head injury: introducing a screening questionnaire at a London major trauma centre

A. Lawson McLean, D. Wang, C. Hill; London/UK

Injury prevention in the Chilean work force

D. ROIZBLATT, M. Plaza de los Reyes, R. Geni, R. Campos; Santiago/CL

The Reliability and Reproducibility of the AO Classification System for Humeral Shaft Fractures

K. Mahabier¹, E.M.M. Van Lieshout¹, B. Van Der Schaaf¹, G. Roukema¹, B. Punt², M. Verhofstad¹, D. Den Hartog¹, . On behalf of the Hummer trial investigators¹; ¹Rotterdam/NL, ²Dordrecht/NL

14:00 - 15:30 Pancreatic injury and pancreatitis

Moderation: H. Kurihara¹, H. Yanar²; ¹Rozzano, Milano/IT, ²Istanbul/TR

Admission serum lipase and amylase as a predictor of pancreatic injury in polytraumatised patients

K. Rollins, A. Brooks, P. MacGoey, A. Navarro, N. Watson; Nottingham/UK

A comparison of lipase and amylase in diagnosis of acute pancreatitis



A.F. Gok, I.F. Azamat, C.B. Kulle, Ş. Karakuş, M. Ilhan, S. Bademler, F. Yanar, C. Ertekin; Istanbul/TR

Bones in the belly: Heterotopic Mesenteric Ossification after Blunt abdominal trauma and Multiple abdominal surgeries

S.K. NATARAJAN, L.T. TEO, M. HTIN; Singapore/SG

Outcomes of forty-three surgically managed cases of blunt pancreatic injury

K. Okawara, M. Sawano, K. Sagawa, M. Matsuda, K. Asai; Kawagoe-Shi, Saitama/JP

Left Gastric Artery Pseudoaneurysm In Necrotizing Pancreatitis A Rare Cause of Fatal Bleeding: Is There A Standard Operative Approach

D. Mcphee¹, S. Patil², E. Irizarry³, J. Jorge¹; ¹New York, NY/US, ²Livingston/US, ³New York/US

Predictive factors for severe evolution in acute pancreatitis

B.V. Martian, I. Diaconescu, B. Matei Razvan, G. Andrei, C. Roxana, M. Beuran; Bucharest/RO

14:00 - 15:30

Hip

Moderation: R. Kdolsky¹, G. Govaer²; ¹Vienna/AT, ²Groningen/NL

A systematic review of the effect of Tranexamic Acid in reducing Blood transfusion requirements in Hip Surgery

L. Evans¹, K. Turner²; ¹Norwich/UK, ²Rothera Research Station/AQ

The treatment of femoral neck fractures and the results of the GANNET.

H. Roerdink¹, A.D.P. Walsum², J. Vroemen³, H. Janzing⁴, T. Winkelhorst⁵; ¹Deventer/NL, ²Enschede/NL, ³Breda/NL, ⁴Venlo/NL, ⁵Nijmegen/NL

Stability of fixation of proximal femur fractures: a radiostereometric analysis

D. van Embden¹, G. Stollenwerck², L. Koster³, B. Kaptein³, R. Nelissen³, I. Schipper³; ¹Den Haag/NL, ²Maastricht/NL, ³Leiden/NL

Periprosthetic cortical bone remodeling in patients with osseo-integrated prostheses

L. Haket, J.P. Frölke, N. Verdonschot, P. Tomaszewski, H. Van de Meent; Nijmegen/NL

Hip fracture: results of surgical treatment within 48 hours after admission at Trauma Center in Turin. Italy.

E. grosso, R. sisto, D. mellano, K. zoccola; Turin/IT

Influence of frailty in outcome of femoral periprosthetic fractures

R. Mars, R. Zuurmond; Zwolle/NL

Comparing the minimally invasive anterolateral approach to the traditional anterolateral approach for hemiarthroplasty in elderly patients with femoral neck fractures.

F. de Jong, C. Deugd, K. Van der Vlies, G. Roukema; Rotterdam/NL

14:00 - 15:30

Pelvic

Moderation: P. Rommens¹, M.H.J. Verhofstad²; ¹Mainz/DE, ²Rotterdam/NL

Combination of CT extravasation sign and retroperitoneal hematoma thickness can accurately predict need for transcatheter arterial embolization in patients with pelvic fracture.

S. Yoshikawa¹, A. Shiraishi¹, M. Kojima¹, T. Shoko², Y. Otomo¹; ¹Tokyo/JP, ²Chiba/JP

**Precision of computer navigated versus fluoroscopic guided fixation of percutaneous iliosacral screws**

J. Verbeek¹, E. Hermans², A. Van Vugt², J.P. Frölke¹; ¹Nijmegen/NL, ²Enschede/NL

Assessment of occult posterior pelvic ring injuries in elderly patients

I. Gárgyán, Á. Csonka, B. Kószó, E. Varga; Szeged/HU

Potential optimization of percutaneous sacroiliac joint fixation by use of specific entry and aiming points on lateral pelvic views assessed in cadavers

J. Jost, T. Ecker, J. Basedow, J. Cullmann, M. Keel, L. Benneker, J. Bastian; Bern/CH

MRI Assessment of Ligament Injury in Patients with Fragility Fracture of the Pelvis

Y. Ueda¹, H. Tsuji¹, Y. Kurata¹, J. Saito¹, A. Sakuma¹, T. Tsumura²; ¹Sapporo/JP, ²Obihiro/JP

Title: Radiological analysis of the roof impaction in fractures of the acetabulum

T. Noda, Y. Shimamura, M. Inoue, Y. Yamakawa, T. Uehara, T. Ozaki, Y. Kinami; Okayama/JP

Radiographic analysis of entry and aiming points on lateral pelvic views for optimal sacroiliac joint fixation using sacroiliac screws

J. Jost, J. Cullmann, E. Aghayev, M. Keel, L. Benneker, J. Bastian; Bern/CH

Outcome after osteosynthesis of hip fractures in nonagenarians

K. de Leur, J. Vroemen, D.I. Vos, L. Elmans, L. van der Laan; Breda/NL

Predictive variables of open reduction in intertrochanteric fracture nailing

V. Jiménez Díaz, A. Prada Cañizares, I. Auñon-Martín, A. Toro-Ibarguen, M. Arroyo, P. Páramo Díaz, M.Á. Martínez-Leocadio, J. Gallardo Roig, M. Aroca, C. Olaya, P. Caba; Madrid/ES

14:00 - 15:30

Pediatric & Hip

Moderation: S. Berger¹, J.H. Allema²; ¹Berne/CH, ²Aa/NL

Pediatric cervical spinal cord injury – a retrospective outcome analysis

F. Högel, D. Maier, V. Bühren, D. Schneidmüller; Murnau/DE

Pelvic fractures in children

S. Cornelisse, E. Tan, J. Biert, E. Hermans; Nijmegen/NL

Surgical Management of Femoral Neck Non Union in Children with Valgus Intertrochanteric Osteotomy

A. Abdelazeem¹, A. El-Adawy²; ¹Zagazig- Elsharkia/EG, ²Zagazig-Elsharkia/EG

Complex tibial shaft fractures in children involving the distal physis managed with the Ilizarov Method

G. Rogers, H. Tan, P. Harwood, P. Foster; Leeds/UK

Analysis of early vascular and nerve complications of supracondylar humerus fractures in children

R. Tomaszewski, Katowice/PL

The conservative treatment of stable upper cervical spine fractures in children

R. Tomaszewski, Katowice/PL

Cross Fixation Superior to Lateral Fixation of Supracondylar fractures

A. Vahedi, R. Jeavons, A. Rangan; Middlesbrough/UK

The efficacy of stent for blunt pancreatic injury in pediatric patients

T. Ishihara, K. Nishiyama, T. Ohno, K. Sueyoshi, Y. Sumi, Y. Inoue, S. Matsuda, K. Okamoto, H. Tanaka; Urayasu, Chiba/JP



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