Wednesday, October 7, 2015

2015 International Committee

Peter V Giannoudis, MD, Chair
Ney Amaral, MD; Fernando de la Huerta, MD;
Amir M Matityahu, MD; Cyril Mauffrey, FRCS (Ortho), MD
Max Morandi, MD; Thomas A (Toney) Russell, MD

Attendees of this activity can earn up to 8.75 AMA PRA Category 1 Credits™

Target Audience

The Orthopaedic Trauma Association (OTA) International Orthopaedic Trauma Care Forum is for the benefit of orthopaedic trauma surgeons and related allied health care professionals with an interest in international trauma healthcare.

Objectives

Attendees of the International Orthopaedic Trauma Care Forum will:

- Learn about the varied methods of treating fracture and trauma complications from around the world
- Understand the pros and cons of open reduction techniques of the difficult young intra-capsular NOF fracture
- Increase knowledge and understanding of the anterior and posterior approach to vertical shear pelvic fractures
- Become familiar with unique approaches to acetabulum fractures in the elderly treated in Germany
- Understand the most recent advances and controversies of post traumatic femoral AVN
- Gain insight as to best practices when things go wrong

Program

7:30 am Welcome
Peter V Giannoudis, MD, Program Chair

7:35 am - 8:05 am Symposium I
Focus Surgical Techniques - Vertical Shear Pelvic Fracture: My Preferred Method of Reduction-Fixation

Moderators: William G DeLong Jr, MD
Tim Chesser, MD
- Anterior Approach – Cyril Mauffrey, MD
- Posterior Approach – Amir M Matityahu, MD

8:05 am - 8:37 am Session 1 – Acetabulum

8:05 am Paper 1

Acetabular Fractures in Elderly Patients: A Comparative Study of Low-Energy versus High-Energy Injuries
Cyril Mauffrey, MD; Ji-Wan Kim, MD; Benoit Herbert, MD; Jiandong Hao, MD; William Min, MD; Bruce Ziran, MD

8:13 am Paper 2

The State of Pelvic and Acetabular Surgery in the Developing World: A Global Survey of Orthopaedic Surgeons at SIGN Hospitals
Paul Whiting, MD; Duane Anderson, MD; Daniel Galat, MD; Lewis Zirkle, MD; Hassan Mir, MD

8:29 am Discussion

8:37 am - 9:09 am Session 2 – Pelvic Injuries and Femur

8:37 am Paper 4

Impact of Pelvic Fracture on the Clinical Outcomes of Severely Injured Trauma Patients: Where We Stand in 2015
Khalid Almahmoud, MD; Roman Pfeifer, MD; Philipp Lichte, MD; Thomas Dienstknecht, MD; Frank Hildebrand, MD; Hans-Christoph Pape, MD

8:53 am Paper 5

Pelvic Fractures In Paediatric Polytrauma Patients: Classification, Concomitant Injuries And Early Mortality
Theodoros Tosoulidis, MD; Hassaan Sheikh, MD; Peter Giannoudis, MD

8:53 am Paper 6

Predictors of Reoperation for Adult Femoral Shaft Fractures Managed Operatively in Sub-Saharan Africa
Edmund Eliezer, MD; Billy Haonga, MD; Saam Morshed, MD; David Shearer, MD

9:01 am Discussion

9:09 am Break
9:25 am - 9:45 am SIGN Session
Moderator: Lewis G Zirkle, MD
–Earthquake Nepal 2015
Bhaskar Raj Pant, MD
–2015 Earthquake Disaster Response by Nepal Orthopaedic Hospital
Saju Pradhan, MD

9:45 am - 10:17 am Session 3 – Knee Injuries
Moderators: Max Morandi, MD
Paulo Roberto Lourenco, MD

9:45 am Paper 7
Comminuted Patella Fractures in Adults: Management and Clinical Outcome
Liam Walker, MD; Michalis Panteli, MD; Ippokrates Pountos, MD; Peter Giannoudis, MD

9:53 am Paper 8
Internal Fixation without Bone Grafting for Depressed Articular Surface Fractures of the Tibial Plateau
Tim Chesser, MD; Steven Morris, MD

10:01 am Paper 9
Structural Bone Grafting as a Treatment for Periprosthetic Knee Fractures: A Review of 15 Cases
Ion Carrera, MD; Angelica Millan, MD; Xavier Aquilera, MD; Julio De Caso, MD; Fernando Celaya, MD

10:09 am Discussion

10:17 am - 10:49 am Session 4 – Foot and Ankle
Moderator: Fernando de la Huerta, MD
Hans-Christoph Pape, MD

10:17 am Paper 10
Arthroscopic Assisted Minimally Invasive Fixation of the Supination-External Rotation Ankle Fractures
Chao-Ching Chiang, MD; Ching-Kuei Huang, MD; Yun-Hsuan Tzeng, MD

10:25 am Paper 11
Direct Comparison of Syndesmotic Reconstructive Techniques Using Weightbearing CT
Jennifer Hagan, MD; Boyko Gueorguiev, PhD; R Geoff Richards, PhD; Kajetan Klos, MD; Paul Simons, MD

10:33 am Paper 12
Close Reduction and Percutaneous Screw Fixation for Talar Neck Fractures
Hu Wang, MD; Zhe Song, MD

10:41 am Discussion

10:49 am - 11:16 am Symposium II
Debate: Open Reduction of the Difficult Young Intra-capsular NOF Fracture
Moderator: Mohit Bhandari, MD, PhD
–Anterior Open Reduction-Fixation Technique (video)
Christian Krettek, MD, FRACS
–Pros/Con – Best Evidence
Brad Petrisor, MD

11:16 am - 11:48 am Session 5 – Basic Science
Moderators: Cyril Mauffrey, FRCS (Ortho), MD
Emil H Schemitsch, MD

11:16 am Paper 13
The Impact of a Femur Fracture on Systemic Neutrophil Activation in Pigs
Michel Teuben, MD; Marjolein Heeres, MD; Taco Blokhuis, MD; Roman Pfeifer, MD; Klemens Horst, MD; Leo Koenderman, MD; Hans-Christoph Pape, MD; Luke Leenen, MD

11:24 am Paper 14
Angular Stable Intramedullary Nailing - Does It Provide Biomechanical Benefit?
Peter Augat, MD; Stefanie Hoffmann, MD; Manuel Kessler, MD; Daniel Stephan, MD; Geert von Oldenburg, MD; Claus Gerber, MD

11:32 am Paper 15
Nail Medullary Canal Ratio Affects Mechanical Axis Deviation during Femoral Lengthening with an Intramedullary Distractor
Nael Hawi, MD; Mohamed Kenawy, MD; Christian Krettek, MD; Emmanouil Liodakis, MD

11:40 am Discussion
Session 6 – Tibia Injuries

Moderator: Christopher G Moran, MD
P Duffy, MD

Paper 16
Minimally Invasive Plate Osteosynthesis for Periprosthetic Tibial Fractures after Total Knee Arthroplasty
Joon-Woo Kim, MD; Ki-Chul Park, MD; Jong-Keon Oh, MD; Chang-Wug Oh, MD; Hee-Soo Kyung, MD; Kyung-Hyun Park, MD

Paper 17
Bone Transport Combined with Open Wound Treatment for Tibial Fracture Infected Nonunion
Hu Wang, MD; Pen-fei Wang, MD

Paper 18
Outcomes of Tibia Fractures Treated with a SIGN Intramedullary Nail at Nepal Orthopedic Hospital
Michael Self, MD; Jill Larson, MD; Anil Shrestha, MD; S David Stulberg, MD

Paper 19
Lower Extremity Fractures in Uganda Continue to Impact Income, Quality of Life and the School Attendance of Dependents at One Year Post-injury
Nathan O’Hara, MD; Rodney Mugurura, MD; Jeffrey Potter, MD; Trina Stephens, MD; Marit Rehavi, MD; Patrick Francois, MD; Piotr Blachut, MD; Peter O’Brien, MD; Tito Beyeza, MD; Gerard Slobogean, MD

Paper 20
Ilioinguinal Approach and Infrapectineal Plate Fixing Posterior Column for Complex Acetabular Fractures
Yan Zhuang, MD; Hu Wang, MD

Session 7 – Best of the Best

Moderator: Thomas A (Toney) Russell, MD

Paper 21
Isolating only a Novel Mesenchymal Stem Cell Subpopulation Leads to a High Mitogenic and Osteogenic Outcome
Ippokrates Pountos, MD; Karen Henshaw, MD; Peter Giannoudis, MD

Paper 22
Reconstruction of Femoral Head Impaction Injuries using Osteochondral Shell Autografts Harvested from the Head-Neck Junction
Marius Keel, MD; Jennifer Cullmann, MD; Salvatore Tomagra, MD; Harald Bonel, MD; Johannes Bastian, MD

Symposium III
Post Traumatic Femoral AVN

Moderator: Christian Krettek, MD, FRACS
– Core Decompression – B Bouillon, MD
– Biological Based Therapies
  Peter V Giannoudis, MD

Session 8 – Proximal Femoral Fractures

Moderator: Andrew H Schmidt, MD

Paper 23
Which Intramedullary Nailing Treatment for Intertrochanteric Femoral Fractures Results in Better Outcomes?
Martin Hoffmann, MD; Debra Sietsema, MD; Justin Khoriaty, MD; Clifford Jones, MD

Symposium IV
Guest Nation: Germany
Acetabulum Fracture Fixation in the Elderly: My Preferred Method of Treatment

Moderator: Peter V Giannoudis, MD
Theodore Miclau III, MD
– Non-operative Treatment
  William G DeLong Jr, MD
– Fixation – Florian Gebhard, MD, PhD
– Replacement – Michael L Nerlich, MD

Symposium V
(My Worst Case: When Things Go Wrong Then/What?)

Moderator: Roy Sanders, MD
– Case 1 – Christopher G Moran, MD
– Case 2 – Daniel S Horwitz, MD

Keynote Speaker – Hans-Christoph Pape, MD
University of Aachen Medical Center
Aachen, Germany
Introduction: Theodore Miclau III, MD
INTERNATIONAL ORTHOPAEDIC TRAUMA CARE FORUM, continued

4:18 pm   Paper 24  Effect of Teriparatide on Atypical Complete Femoral Fractures treated with Intramedullary Nailing  
Hyun-Seok Joo, MD; Dong-Eun Kim, MD; Ji-Wan Kim, MD; Ki-Chul Park, MD; Jung-Jae Kim, MD

4:26 pm   Paper 25  Incidence of Bone Protection and Associated Fragility Injuries in Patients with Proximal Femoral Fractures  
Ignacio Aguado-Maestro, MD; Michalis Panteli, MD; Manuel Garcia-Alonso, MD; Alejandro Bañuelos-Diaz, MD; Roberto Escudero-Marcos, MD; Peter Giannoudis, MD

4:34 pm   Discussion

4:42 pm - 5:22 pm Session 9 – Upper Extremity  
Moderator: Douglas W Lundy, MD

4:42 pm   Paper 26  Removal of Volar Plates after Open Reduction Internal Fixation of Distal Radius Fractures: Clinical Reasons and Radiographic Analysis  
Amir Shlaifer, MD

4:50 pm   Paper 27  Prevention of Complex Regional Pain Syndrome Type 1 in Patients with Distal Radius Fracture - A Pilot Study  
Emily Boersma, MD; Henk Van de Meent, MD; Jan Paul Frölke, MD

4:58 pm   Paper 28  Diaphyseal Humeral Fractures in the Elderly: Results of Surgical Treatment  
Nirrod Snir, MD; Ron Batash, MD; Oleg Dolkart, MD; Eran Maman, MD; Gilad Eisenberg, MD; Yaniv Warschawski, MD; Ely Steinberg, MD

5:06 pm   Paper 29  Elbow Hinged External Fixator: Our Treatment Approach for Complex Elbow Dislocation in Elderly  
Pietro Maniscalco, MD; Marco Caforio, MD; Patrizia Mantelli, MD; Luigi Bisogno, MD

5:14 pm   Discussion

5:22 PM   ADJOURN TO INTERNATIONAL POSTER RECEPTION

5:30 pm - 6:30 pm International Poster Reception

Poster 1  Determinants of Access to Orthopaedic Surgery at Uganda’s National Hospital  
Trina Stephens, MSc; Nathan O’Hara, MHA; Jeffrey Potter, MD; Rodney Mugarura, MBCnH, M.Ed; Piotr Blachut, MD; Peter O’Brien, MD; Tilo Beyeza, MD; Gerard Slobogean, MD

Poster 2  Correction of Osteotomy of The Distal Femur: A Minimally Invasive Surgical Technique Using a Locking Plate and Temporary External Fixation  
Joon-Woo Kim, MD; Chang-Wug Oh, MD; Jong-Keon Oh, MD; Tae-Joon Cho, MD; Hee-Soo Kyung, MD; Hee-June Kim, MD

Poster 3  Possible Predictors for Difficult Removal of Locking Plates: A Case-Control Study  
Yang Lv, MD; Fang Zhou, MD; Yun Tian, MD; Hongquan Ji, MD; Zhishan Zhang, MD; Yan Guo, MD; Yunfei Hou, MD

Poster 4  Long-Term Analysis (10 Versus 20 Years) After Severe Trauma: What are the Effects on Quality of Life?  
Roman Pfeifer, MD; Hagen Andruszkow, MD; Klemens Horst, MD; Frank Hildebrand, MD; Hans-Christoph Pape, MD

Poster 5  The Global Burden of Spine Fractures: A Pilot Prospective Multicenter Evaluation  
Ilyas Aleem, MD; Dylan Demarco, BHSc; Brian Drew, MD; Sohail Shariff, BSc; C.J. Foote, MD; Nathan Evaniew, MD; Vijay Shetty, MD; Mandeep Dhillon, MD; Roman Mundi, MD; Mohit Bhandari, MD

Poster 6  Functional Results After Fracture Dislocations of the Elbow  
Kaare Midtgaard, MD; Ida Sletten, MD; Jørgen Michelsen, MD; Jan Erik Madsen, MD; Gunnar Flugsrud, MD

Poster 7  Closed Reduction and Internal Fixation with MIPPO Technique for Calcaneal Fractures  
Yan Guo, MD; Fang Zhou, MD; Yun Tian, MD; Yang Lv, MD

Poster 8  Is Polyaxial Plating Technology Effective for Fixation of Distal Femoral Fractures?  
Kalliopi Lampropoulou-Adamidou, MD; Theodoros Tosounidis, MD; Nikolaos Kanakaris, MD; Peter Giannoudis, MD

Poster 9  Does Operative Restoration of the Clavicle Portion of the Floating Shoulder Injury Affect Scapular Deformity?  
Alex Glide, MD; Debra Sietsema, PhD; Christiane Kruppa, MD; Martin Hoffmann, MD; Clifford Jones, MD

Poster 10  Blood Glucose in Multiply Injured Patients – A Reliable Parameter for Haemorrhagic Shock and Outcome?  
Philipp Mommesen, MD; Christian Schröter, MD; Christian Zeckey, MD; Mohamed Omar, MD; Christian Krettek, MD; Marcel Winkelmann, MD

Poster 11  Entrapment – A Risk Factor for Outcome In Multiple Trauma Patients?  
Christian Zeckey, MD; Philipp Mommesen, MD; Marika Sarakintsis; Marcel Winkelmann, MD; Christian Schröter, MD; Christian Krettek, MD; Christian Macke, MD