INTERNATIONAL ORTHOPAEDIC TRAUMA CARE FORUM

Wednesday, October 15, 2014
Peter V. Giannoudis, MD, Program Chair
William G. DeLong Jr, MD, Saqib Rehman, MD, Amir M. Matityahu, MD, Program Committee

Attendees of this activity can earn up to 7.5 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 health care.

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 getting involved in humanitarian orthopaedic care overseas
- Increase knowledge and understanding of global clinical research
- Become familiar with unique approaches to fractures around the knee joint treated in Brazil

Program
7:00 am  Registration and Continental Breakfast
7:30 am  Introduction
William G. DeLong Jr, MD
Peter V. Giannoudis, MD

7:35 am - 8:05 am  Symposium I
Trauma Care Systems-An Update
Moderator: Saqib Rehman, MD
Panelists: Christopher G. Moran, MD, FRCS
João Antonio Matheus Guimarães, MD

8:05 am - 10:10 am  Paper Session 1
Femoral and Pelvic Injuries
Moderators: Saqib Rehman, MD
Amir M. Matityahu, MD

8:05 am  Paper 1
Outcome of Femoral Fractures in Post-Poliomyelitis Patients
Yoram A. Weil, MD; Yechiel N. Gellman, MD; Amal Khoury, MD; Rami Mosheiff, MD; Meir Liebergall, MD
Israel

8:13 am  Paper 2
Atypical Femoral Fractures Associated with Bisphosphonate Use: A Case Series and Discussion on Surgical Treatment
Andrew Riddick, FRCS (ORTHO), MBBS; Tom Fleming; Michael Kelly, MBBS, MD, FRCS (Ortho); Mehool R. Acharya, MD
United Kingdom

8:21 am  Paper 3
Periprosthetic Cortical Bone Remodeling in Patients with Osseo-Integrated Leg Prosthesis
Jan Paul M. Frolke, MD, PhD; Lisanne M. Haket, MSc; Nico Verdonschot, MSc; Pavel K. Tomaszewski, MSc; Henk Van de Meent, MD, PhD
Netherlands

8:29 am  Discussion

8:44 am  Paper 4
Predictors of Intra-Operative Fractures in Uncemented and Cemented Hip Hemiarthroplasty for the Treatment of Intra Capsular Neck of Femur Fractures
Nayef Aslam-Pervez Fahad Siddique Hossain, MBBS, MRCS; Mohamed Altayeb Mussa; Jan Luigi Marciniaiak; Shiva Gopal
United Kingdom

8:52 am  Paper 5
Are Dislocations Following Hip Hemiarthroplasty a Predictor of Increased Mortality?
Michalis Panteli, MD; Michalis Panteli, MD; Anastasios Lampropoulos; Peter V. Giannoudis, MD
United Kingdom
9:00 am  Paper 6
Do Proven Cemented Taper-Slip Femoral Stem Hemiarthroplasties Have a Low Complication Rates? The Largest and the Longest Exeter Trauma Stem Survival Study to Date
Salah Hammouche, MD; Catherine Holt, PhD; Jonathan Phillips, MBChB, BSc, MRCS; Brigitte Scammell, MD; Christopher G. Moran, MD, FRCS
United Kingdom

9:08 am  Discussion

9:13 am  Break

9:33 am  Paper 7
Time to Surgery is Not a Risk Factor for Complications in Garden 3 and 4 Femoral Neck Fractures Treated with Cannulated Screws
Dr. Koki Edson Kojima; Dr. Jorge dos Santos Silva; Marcos De Camargo Leonhardt, MD; Fernando Brandao, MD; Tales Guimaraes
Brazil

9:41 am  Paper 8
Microvascular Function Following Open (DHS) Versus Less Invasive (PCCP) Extramedullary Fixation of Intertrochanteric Hip Fractures
Matthias Knobe, MD; Gertraud Gradl, MD; Franziska Böhle; Hagen Andruszkow; Klemens Horst, MD; Frank Hildebrand, MD; Hans-Christoph Pape, MD
Germany

9:49 am  Paper 9
Low Energy Pelvic Fractures of the Elderly Population: Clinical - Radiological Outcome and Associated Prognostic Factors
Tess Greven, MSc; Jack H. Gilmore; Robert M. West, MSc; Arie Van Vugt, PhD; Peter V. Giannoudis, MD; Nikolaos K. Kanakaris, MD
United Kingdom

9:57 am  Paper 10
Outcome Following Fixation of Comminuted Quadrilateral Plate Fracture- Single Surgeon’s Experience
Theodoros Tosounidis; Sunibabu Gudipati, MBBS, MRCS; Nikolaos K Kanakaris, MD; Peter V. Giannoudis, MD
United Kingdom

10:05 am  Discussion

10:10 am - 10:30 am  Symposium II
Orthopaedic Care Overseas: Get Involved!
Moderator: Lewis G. Zirkle Jr, MD
Christopher T. Born, MD
Panelists: Amir M. Matityahu, MD TBD
Humanitarian Efforts Abroad: Pearls and Pitfalls of Getting Involved in Humanitarian Orthopaedic Care Overseas

10:30 am - 11:36 am  Paper Session 2: Lower Extremity and Foot and Ankle Injuries
Moderators: Axel Ekkernkamp, MD
João Antonio Matheus Guimarães, MD

10:30 am  Paper 11
The Perceptions of Kenyan Orthopaedic Surgeons Regarding the Role of Visiting Foreign Orthopaedic Surgeons: A Qualitative Study
Luke Harmer, MD, MPh, FRCSC; Rachel Seymour, PhD; Jeff Mutisya Mailu, MB, ChB; United States

10:38 am  Paper 12
Characterization of Lower Extremity Fracture Patients in Uganda
Jeff Potter, MD; Rodney Mugarura, MBChB, M.Med; Nathan O’Hara, MHA; Trina V. Stephens, MSc; Gerard Slabogeant, MD, MPH, FRCS; Piotr A. Blachut, MD
Canada

10:46 am  Paper 13
Knee Fusion Using the SIGN Nail
Duane R. Anderson, MD; Lucas Anderson, MD; Abebe Chala Soddo; Justin M. Haller, MD
Ethiopia/United States

10:54 am  Discussion

10:59 am  Paper 14
Microcirculation of the Healthy Hindfoot. A Proband-Study from the Perspective of the Surgical Approach
Matthias Knobe, MD; John B. Carow; Gertraud Gradl, MD; Hagen Andruszkow; Klemens Horst, MD; Frank Hildebrand, MD; Hans-Christoph Pape, MD
Germany
11:07 am  Paper 15  
Inhaled and Oral Corticosteroids in Chronic Lung Disease Patients with Ankle Fractures: Effect on Fracture and Wound Healing  
Waseem Jerjes, MD, PhD; Peter V. Giannoudis, MD  
United Kingdom

11:15 am  Paper 16  
Posterior Malleolar Fracture Patterns  
Diederik T. Meijer; Lukas Mangnus; Jos Melema; Sjoerd Stufkens; Ernst Philip Steller; Peter Kloen, MD; Gino M. Kerkhoffs, MD, PhD; Job N. Doornberg, MS  
Netherlands

11:23 am  Paper 17  
Treatment of Deltoid Ligament Injuries in Ankle Fracture: Should it Be Repaired or Not?  
Ting Li; Xie-yuan Jiang; Manyi Wang, MD  
China

11:31 am  Discussion

11:36 am  Lunch

12:30 pm - 2:02 pm  Paper Session 3: Basic Science and Fracture Healing Complications  
Moderators: William G. DeLong Jr, MD; Hans-Christoph Pape, MD

12:30 pm  Paper 18  
What is the Cell Composition and Characteristics of Fibrous Tissue Harvested from the Nonunion Site of Long Bone Atrophic Nonunions?  
Richard J. Cuthbert, BSc; Ahmed Lotfy; Hiang Boon Tan, MBBS; Elena Jones, PhD; Peter V. Giannoudis, MD  
United Kingdom

12:38 pm  Paper 19  
Predictors for Nonunion, Reoperation and Infection after Surgical Fixation of Patellar Fracture  
Assat Kadar, MD; Hagai Sherman, MD; Ely Liviu Steinberg, MD  
Israel

12:46 pm  Paper 20  
Multipotential Stromal Cell Abundance in Cellular Bone Allograft: Comparison with Fresh Age-Matched Iliac Crest Bone and Bone Marrow Aspirate  
Thomas Baboolal, PhD; Sally Boxall, PhD; Yasser M. El-Sherbiny, MBBS, MSc, PhD; Timothy Moseley; Richard J. Cuthbert, BSc; Peter V. Giannoudis, MD; Elena Jones, PhD  
United Kingdom

12:54 pm  Discussion

12:59 pm  Paper 21  
Free Vascularized Medial Femoral Condyle Corticocancellous Graft in Treating Recalcitrant Upper Extremity Nonunions  
Fei Wu  
China

1:07 pm  Paper 22  
Long Bone Defects Managed with the Induced Membrane Technique: Treatment Protocol and Clinical Outcomes  
Peter V. Giannoudis, MD; Suribabu Gudipati, MBBS, MRCS; Paul Harwood, MD; Nikolaos K. Kanakaris, MD  
United Kingdom

1:15 pm  Paper 23  
Tibial Plateau Fractures: Will I Need a Knee Replacement?  
Eleanor Davidson, MB, CHB; William M. Oliver, MBBS; Timothy O. White, MD, FRCS; John F. Keating  
United Kingdom

1:23 pm  Paper 24  
Hormone Replacement Therapy in Proximal Humerus Fracture Patients: Effect on Fracture Severity and Fracture Healing  
Waseem Jerjes, MD, PhD; Peter V. Giannoudis, MD  
United Kingdom

1:31 pm  Paper 25  
Are Individuals with TNF-B NCO1 Polymorphism at a Higher Risk of Developing Postoperative Sepsis?  
Professor Rajeshwar Nath Srivastava Sr.; Kavita Baghel; Saloni Raj  
India

1:39 pm  Paper 26  
Correction of Coxa Vara Deformity and Femur Neck Malunion with an IM SIGN Nail”  
Hilario M. Diaz, MD; Philippines; Henry Ndasi, MBBS, DS, FCS; SW Region Cameroon
2:02 pm - 3:20 pm  
Guest Nation Symposium  
Fractures Around the Knee Joint  
Introduction  
William G. DeLong Jr, MD

2:05 pm  
Brazil – Distal Femoral Fractures: What to Do with the Difficult Multifragmented Fracture Patterns  
Daniel Babachevsky, MD

2:20 pm  
US – Comminuted Patella Fractures: Is There an Ideal Method of Treatment?  
Andrew H. Schmidt, MD

2:35 pm  
Brazil – Posterior Shearing Tibial Plateau Fractures: My Preferred Method of Treatment  
Paulo Barbosa, MD

2:50 pm  
Brazil – Floating Knee Injuries: How Can We Optimize the Outcome?  
João Antonio Matheus Guimarães, MD

3:05 pm  
Discussion

3:20 pm  
Break

Combined Basic Science Focus Forum and International Symposia

Global Clinical Research: Bigger Data—Bigger Problems

3:45 pm - 4:50 pm  
Symposium 4  
Bigger Data—Bigger Problems?  
Moderators:  
Mohit Bhandari, MD, PhD  
Gerard P. Slobogean, MD, MPH, FRCSC

3:45 pm  
What is Big Data?  
Gerard P. Slobogean, MD, MPH, FRCSC

4:00 pm  
NHS Database—What it can and Cannot Do  
TBD

4:10 pm  
Scandinavian Data—Ongoing Challenges and Successes  
Frede Frihagen, MD, PhD

4:20 pm  
Designing Studies That Utilize Large Databases: The Basics  
Mary L. Forte, PhD

4:30 pm  
The Future of Large Scale Databases—Will They Replace the Clinical Trial?  
Saam Morshed, MD, PhD

4:40 pm  
Discussion