



Dublin 2012

International Congress on Cartilage Repair of the Ankle

March 9-10, 2012



FINAL PROGRAM

Friday, March 9, 2012

- 7:45 a **Welcome**
John G. Kennedy, MD, MCh, MMSc, FRCS (Orth)
C. Niek van Dijk, MD, PhD
Richard D. Ferkel, MD

SESSION 1 – NATURAL HISTORY, PREVALENCE, AND DIAGNOSIS

- 8:05a **Keynote Lecture**
The Impact of Articular Cartilage Injuries on Athletes Worldwide
Lars Engebretsen, MD, PhD: Oslo, Norway
- 8:30a **Special Guest Lecture**
Innovation in Sports Medicine
Freddie H. Fu, MD, DSc (Hon), DPs (Hon): Pittsburgh, Pennsylvania, USA
- 8:50a The Natural History of Osteochondral Lesions of the Ankle
James W. Stone, MD: Franklin, Wisconsin, USA
- 9:00a Cartilage Lesions and the Development of Osteoarthritis in the Ankle
James D. F. Calder, MD, FRCS (Tr & Orth), FFSEM: London, United Kingdom
- 9:10a Diagnostic Strategies for Osteochondral Lesions
Victor Valderrabano, MD, PhD: Basel, Switzerland
- 9:20a Classification of Osteochondral Lesions of the Ankle
Jonathan T. Deland, MD: New York, New York, USA
- 9:30a Articular Cartilage Repair of the Ankle: Where We Stand Today
Stephen R. Kearns, MD, FRCSI (Tr & Orth): Galway, Ireland
- 9:40a Discussion
Moderator: C. Niek van Dijk, MD, PhD: Amsterdam, The Netherlands
- 10:00a Break

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SESSION 2 – TREATMENT STRATEGY

- 10:20a The Subchondral Bone – Basic Science and Clinical Importance
C. Niek van Dijk, MD, PhD: Amsterdam, The Netherlands
- 10:30a The Evolution of Surgical Treatment for Osteochondral Lesions
Sandro Giannini, MD: Bologna, Italy
- 10:40a Treatment Strategy and Surgical Approach
Mark E. Easley, MD: Durham, North Carolina, USA
- 10:50a Osteochondral Lesions of the Ankle: Factors Affecting Clinical Outcome
Jin Woo Lee, MD, PhD: Seoul, South Korea
- 11:00a Arthroscopic Bone Marrow Stimulation Techniques
Keun-Bae Lee, MD, PhD: Gwangju, South Korea
- 11:10a Discussion
Moderator: Richard D. Ferkel, MD: Van Nuys, California, USA
- 11:30a Mosaicplasty of the Talus
Lazslo Hangody, MD, PhD, DSc: Budapest, Hungary
- 11:40a Osteochondral Allograft Transplantation of the Talus
William D. Bugbee, MD: La Jolla, California, USA
- 11:50a Retrograde Drilling and Retrograde Cancellous Bone Plug Transplantation for Osteochondral Lesions of the Ankle
Masato Takao, MD, DMSc: Tokyo, Japan
- 12:00p Osteochondral Lesions of the Distal Tibia
Steven M. Raikin, MD: Philadelphia, Pennsylvania, USA
- 12:10a Discussion
Moderator: John G. Kennedy, MD, MCh, MMSc, FRCS (Orth): New York, New York, USA
- 12:30p Lunch
- 1:45p Autologous Chondrocyte Implantation of the Talus
Richard D. Ferkel, MD: Van Nuys, California, USA
- 1:55p Matrix-Induced Autologous Chondrocyte Implantation of the Talus
Martin R. Sullivan, MD: Sydney, Australia
- 2:05p Autologous Matrix-Induced Chondrogenesis in Ankle: My Experience
Victor Valderrabano, MD, PhD: Basel, Switzerland

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- 2:15p **Autologous Matrix-Induced Chondrogenesis in Ankle: A Prospective Study**
Hajo Thermann, MD: Heidelberg, Germany
- 2:25p **Juvenile Articular Cartilage Grafting in the Ankle**
Lew C. Schon, MD: Baltimore, Maryland, USA
- 2:35p **Discussion**
Moderator: C. Niek van Dijk, MD, PhD: Amsterdam, The Netherlands
- 2:55p **Special Guest Lecture**
Magnetic Resonance Imaging of Articular Cartilage
Thomas M. Link, MD: San Francisco, California, USA
- 3:15p **Break**

SESSION 3 – BIOLOGICAL AUGMENTATION

- 3:40p **Special Guest Lecture**
**The Basic Science of Mesenchymal Stem Cells and Growth Factors
in Cartilage Repair**
Lisa A. Fortier, DVM, PhD, DACVS: Ithaca, New York, USA
- 4:00p **Special Guest Lecture**
Cartilage Tissue Engineering and Gene Therapy
Daniel A. Grande, PhD: Long Island, New York, USA
- 4:20p **Biological Enhancement of Surgical Treatment Strategies for
Osteochondral Lesions of the Ankle**
*John G. Kennedy, MD, MCh, MMSc, FRCS (Orth):
New York, New York, USA*
- 4:30p **One-Step Regeneration Techniques in the Ankle**
Francesca Vannini, MD: Bologna, Italy
- 4:40p **Discussion**
Moderator: Richard D. Ferkel, MD: Van Nuys, California, USA
- 5:00p **Closing Remarks**
- 5:00p **Meet the Faculty – Indigo Lounge**
- 7:00p **Gala Dinner**
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Saturday, March 10, 2012

- 8:00a **Closed Faculty Session – Consensus/Current Concepts Meeting**
Classification of OCLS
■ Directing Treatment Strategy
■ When to Repair or Replace?

Ankle Sprain and Fracture
■ Need for More Sophisticated Imaging?
■ When to Scope for Chondral Injury?

Biologics (PRP, BMAC, etc.)
■ What to Use
■ When to Use
- 10:00a **Welcome Back Delegates**
- 10:00a Consensus/Current Concepts Summaries
- 10:35a The History of Cartilage Repair
Kyle Stuart, MD: Van Nuys, California, USA
- 10:45a **The Young Guns Present on the Future of Cartilage Repair**
Microfracture for Osteochondral Lesions of the Talus: A Systematic
Review of Reporting of Outcome Data
Charles P. Hannon, BS: New York, New York, USA
- 10:50a Metal Implantation for Secondary Osteochondral Defects of the Talus:
A Prospective Study
Christiaan J.A. van Bergen, MD: Amsterdam, The Netherlands
- 11:00a Break
- 11:20a Photochemical Tissue Bonding in Cartilage Repair
Christopher D. Murawski: New York, New York, USA
- 11:30a Second Generation Mesenchymal Stem Cell Implantation for Cartilage Repair
Amgad Haleem, MD: New York, New York, USA
Mohammed Gomaa, MD: Cairo, Egypt
- 11:40a The Synovial Fluid Secretome of Ankle Arthritis: Implications for Cartilage Repair
Samuel B. Adams Jr., MD: Durham, North Carolina, USA
- 11:50a Discussion
Moderator: John G. Kennedy, MD, FRCS (Orth): New York, New York, USA
- 12:00p Panel Discussion: Interesting Cases (All Faculty Members)
Moderator: Richard D. Ferkel, MD: Van Nuys, California, USA
- 1:00p Closing Remarks