9:00-10:00
Symposium 1 Recent Topics of Lesser Toe Surgery p.85-p.88
Moderators: Dong Yeon Lee
Seoul National University, Korea
Norio Usami
Orthopedic Surgery, Usami Orthopedic Surgery, Japan

1-S1-1 Instability of Lesser Toes on Metatarsophalangeal Joint with Plantar Plate Deficiency
Yeung-Jen Chen
Department of Orthopaedics, Chang Gung Memorial Hospital, Chang Gung University, Taiwan

1-S1-2 Hammer Toe
Jin Soo Suh
Orthopedic department foot and ankle division, Inje University Ilsan Paik Hospital, Korea

1-S1-3 Long-Term Outcome of Joint-preserving Surgery by Combination Metatarsal Osteotomies for Shortening for Forefoot Deformity in Patients with Rheumatoid Arthritis
Hisateru Niki
Department of Orthopaedic Surgery, St.Marianna University School of Medicine, Japan

1-S1-4 Oblique Proximal Lesser Metatarsal Osteotomy
João De Carvalho Neto
Orthopaedic Division, Sirio Libanes Hospital, Brazil

10:10-10:40
Special Lecture p.71-p.72
Moderators: Kazuya Sugimoto
Nara Prefecture General Medical Center, Japan
Hideji Kura
Department of Orthopaedic Surgery, Hitsujigaoka Hospital, Japan

1-SL-1 The Relationship Between Hypermobility of the First Tarsometatarsal Joint and Hallux Valgus
Brian C. Toolan
Department of Orthopaedic Surgery and Rehabilitation Medicine, University of Chicago Pritzker School of Medicine, USA

1-SL-2 Talar Osteochondral Defects: The Rational for Diagnosis and Treatment.
C. Niek van Dijk
Department of Orthopaedic Surgery, Academic Medical Center Amsterdam, Netherlands
Saturday, November 19, 2016  Room A

10 : 50-11 : 50  Symposium 2  How Do We Treat Complicated Hallux Valgus Deformities?  p.89-p.92
Moderators:  In-Tak Chu
Foot and Ankle Division, Daehanminguk Hospital, Korea
Chao-Ching Chiang
Taipei Veterans General Hospital/National Yang-Ming University, Division of Orthopaedic Trauma/Department of Orthopaedics & Traumatology, Taiwan

1-S2-1  Severe Hallux Valgus (HAV > 50)
Kyungtai Lee, Hyuk Jegal
KT lee orthopedic Hospital, Korea

1-S2-2  Lapidus Arthrodesis in Severe Hallux Valgus
Tanawat Vaseenon
Orthopaedics, Faculty of Medicine, Chiang Mai University, Thailand

1-S2-3  Comparison of Outcomes between Proximal and Distal Chevron Osteotomy, Both with Supplementary Lateral Soft-Tissue Release, for Severe Hallux Valgus Deformity
Do-Youn Kim, Hyeong-won Park, Keun-Bae Lee
Department of Orthopaedic Surgery, Chonnam National University Medical School and Hospital, Korea

1-S2-4  Surgical Treatment for Hallux Valgus with Metatarsus Adductus - Our Original Procedure and Intermediate-term Results -
Ryuzo Okuda¹, Hiroaki Shima²
¹Department of Orthopaedic Surgery, Shimizu Hospital, Japan
²Osaka Medical College, Japan

13 : 10-13 : 20  Opening Remarks
Yasuhito Tanaka
President of the 6th AFFAS
Department of Orthopaedic Surgery, Nara Medical University, Japan

Henry SF Yip
Private Orthopaedic Surgeon, Centre for Orthopaedic Surgery, Hong Kong/China

Hyung Jin Chung
Program Committee
Department of Orthopaedics, Inje University, Sanggye Paik Hospital, Korea

13 : 20-13 : 50  Presidential Lecture  p.69
Moderator:  Yoshinori Takakura
Department of Orthopaedic Surgery, Nishinara Central Hospital, Japan

1-PL-1  Challenges Toward Establishing Absolute and Objective Morphological Evaluations for Foot Disorders
Yasuhito Tanaka
President of the 6th AFFAS
Department of Orthopaedic Surgery, Nara Medical University, Japan
Program

Saturday, November 19, 2016
Room A

13 : 50-14 : 20
Invited Lecture

Moderator: Yasuhito Tanaka
Department of Orthopaedic Surgery, Nara Medical University, Japan

1-IL-1 Matrix-associated Stem Cell Transplantation (Mast) for Chondral Defects at Foot and Ankle. Rationale, Technique and Study Results
Martinus Richter
Department for Foot and Ankle Surgery Nuremberg and Rummelsberg, Hospital Rummelsberg, Germany

14 : 30-16 : 00
National Society Session

Moderators: Mitsuo Kinoshita
Honorary President, Nishinomiya-Kyoritsu Neurosurgical Hospital, Japan
Henry SF Yip
Private Orthopaedic Surgeon, Centre for Orthopaedic Surgery, Hong Kong/China

1-NS-1 The Current State of Foot and Ankle Surgery in Japan
Satoru Ozeki
Department of Orthopaedic Surgery, Dokkyo Medical Univ. Koshigaya Hospital, Japan

1-NS-2 Taiwan Orthopaedic Foot & Ankle Society
Yeung-Jen Chen
Department of Orthopaedics, Chang Gung Memorial Hospital, Chang Gung University, Taiwan

1-NS-3 Status of Foot and Ankle Surgery in India
Balvinder Rana
Orthopaedics-Foot and Ankle Surgery, Fortis Bone and joint Institute, Fortis Healthcare, India

1-NS-4 The Current State of Foot and Ankle Surgery in Korea
Il-Hoon Sung
Department of Orthopaedic Surgery, Hanyang University School of Medicine, Korea

1-NS-5 The Current State of Foot and Ankle in the Philippines
Emiliano B Tablante1, 2, 3, 4
1Institute of Orthopedics, St. Luke’s Medical Center, Philippines
2St. Luke’s College of Medicine, Philippines
3St. Luke’s Medical Center, Philippines
4Jose Reyes Memorial Medical Center, Philippines

1-NS-6 Foot and Ankle Surgery in Singapore
Inderjeet S Rikhraj
Department of Orthopaedic Surgery, Duke-NUS School of Medicine, Singapore

1-NS-7 The Current State of Foot and Ankle Surgery in Malaysia
Tze Choong Low
Orthopaedic Department, Kuala Lumpur Sports Medicine Centre, Malaysia
**Program**

**Saturday, November 19, 2016**

**Room A**

**1-NS-8**  Current Status of Foot and Ankle Society in Hong Kong
Henry SF Yip
*Private Orthopaedic Surgeon, Centre for Orthopaedic Surgery, Hong Kong/China*

**1-NS-9**  The Current State of Foot and Ankle Surgery in Thailand
Bavornrit Chuckpaiwong
*Orthopaedic surgery, Siriraj Hospital, Mahidol university, Thailand*

**1-NS-10**  The Current State in Foot and Ankle Surgery in China
Fei Chang
*Department of foot and ankle, JiLin University, China*

**1-NS-11**  Foot and Ankle Surgery in Indonesia : A Transformation
Andri Primadhi
*Department of Orthopaedics and Traumatology, Universitas Padjadjaran Medical School, Indonesia*

**1-NS-12**  The Current State of Foot and Ankle Surgery in Russia
Victor Protsko¹, Elmar Sultanov², Alexey Mazalov³
¹Traumatology and Orthopedics, Peoples friendship university of Russia, Russia
²RUSFAS Russian foot and ankle society, Russia
³Clinical Hospital 79 Peoples’ Friendship University of Moscow city, Russia

**16 : 10-17 : 10**

**Symposium 3**  Managements for Flatfoot & Cavus Foot  p.93-p.95

**Moderators:**
Yong Wook Park
*Orthopedic Department, Hallym University, Kangnam Sacred Heart Hospital, Korea*

Haruyasu Yamamoto
*Chiba-Kashiwa Rehabilitation Hospital, Japan*

**1-S3-1**  Pediatric Flatfoot
Woo Chun Lee, Young Yi, Ji-Beom Kim
*Department of Orthopaedic Surgery, Seoul Paik Hospital Inje University, Korea*

**1-S3-2**  Anatomy of the Spring Ligament Fibrocartilage Complex and Surgical Procedure for Stage II Adult-acquired Flatfoot Deformity.
Akira Taniguchi, Yasuhito Tanaka
*Department of Orthopaedic Surgery, Nara Medical University, Japan*

**1-S3-3**  Surgical Outcomes of Double Arthrodesis for Severe Flatfoot: Comparison in Patients With and Without Preoperative Subluxation of the Subtalar Joint
Hiroaki Shima, Toshito Yasuda, Katsunori Mori, Momoko Kizawa, Seiya Tsujinaka, Masashi Neo
*Department of Orthopedic Surgery, Osaka Medical College, Japan*
Can 3D Printing for Calcaneal Fracture Surgery Reduce Operation Time and Enhance Accurate Reduction?

Hyong Nyun Kim, Hyun Woo Na, Yong Wook Park
Department of Orthopedic Surgery, Kangnam Sacred Heart Hospital, Hallym University
College of Medicine, Korea

Anatomical Design of Screw Guiding Plate for MIS Sustentacular Screw Fixation
Jun Young Lee¹, Bo Seon Kim¹, Yeon Soo Lee²
¹Department of Orthopedic Surgery, Chosun University College of Medicine, Korea
²Catholic University of Daegu, School of Medical Science, Korea

Open Reduction and Internal Fixation of Acute Intra-Articular Displaced Calcaneal Fractures: A Retrospective Analysis of Surgical Timing and Infection Rates
Peng-Ju Huang¹, Yuh-Min Cheng², Cheng-Jung Ho³, Su-Jung Chen¹
¹Department of Orthopedic, Kaohsiung Medical University Hospital, Taiwan
²Ping-Tung Hospital, Ministry of Health and Welfare, Taiwan
³Kaohsiung Municipal Ta-Tung Hospital, Taiwan

Fixation Methods in Open Reduction of Calcaneal Intra-articular Fractures: Fixation with Plate vs. Screws Only
Tae-jung Bang¹, Su-Young Bae¹, Hyung-Jin Chung¹, Seung-Hun Woo²
¹Department of Orthopedic Surgery, Sanggye Paik Hospital, Inje University College of Medicine, Korea
²Pusan National University Yangsan Hospital, Pusan National University School of Medicine, Yangsan, Korea

Comparative Study of Open Reduction and Internal Fixation and Primary Subtalar Arthrodesis for Sanders Type IV Intra-articular Calcaneal Fractures
Seung-Hun Woo¹,², Hyung-Jin Chung², Su-Young Bae², Tae-Jung Bang²
¹Department of Orthopedic Surgery, Pusan National University Yangsan Hospital, Pusan National University School of Medicine, Korea
²Department of Orthopedic Surgery, Sanggye Paik Hospital, Inje University College of Medicine, Korea
1-O-6  Comparison of Two Surgical Approaches for Displaced Intra-articular Calcaneal Fractures: Sinus Tarsi Versus Extensile Lateral Approach
Do-Youn Kim, Je-Hyoung Yeo, Keun-Bae Lee
Department of Orthopedic Surgery, Chonnam National University Medical School and Hospital, Korea

9:55-10:40
Scientific Session 2  Trauma I  p.128-p.130
Moderators: Il-Hoon Sung
Department of Orthopaedic Surgery, Hanyang University School of Medicine, Korea
Tadashi Fujii
Department of Orthopaedic Surgery, Nara Kashiba Center for Arthroplasty and Spine Surgery, Kashiba Asahigaoka Hospital, Japan

1-O-7  Outcomes of Ollier Approach with Screw Fixation for Intraarticular Calcaneal Fractures Comparative Study with Extensile Lateral Approach with Lateral Plating
Seung-Hun Woo¹, Su-Young Bae², Hyung-Jin Chung², Tae-Jung Bang²
¹Department of Orthopedic Surgery, Pusan National University Yangsan Hospital, Pusan National University School of Medicine, Korea
²Department of Orthopedic Surgery, Sanggye Paik Hospital, Inje University College of Medicine, Korea

1-O-8  Ollier Incision for Reduction of Intra-articular Comminuted Calcaneal Fracture
Masato Ogawa, Yuki Tochigi, Masanobu Nishikawa, Ichiro Sugimoto, Masataka Kakhina, Satoru Ozeki
Department of Orthopedic Surgery, Dokkyo Medical University Koshigaya Hospital, Japan

1-O-9  Evaluation of the Syndesmosis Stabilized with Suture Button on CT Images
Shuji Isefuku, Mika Abe
Department of Orthopedic Surgery, Sendai Medical Center, Japan

1-O-10  Comparison of Intraoperative Stress Radiography to MRI and Arthroscopy in Diagnosis of Syndesmotic Injury in Acute Ankle Fracture
Thanut Valleenukul¹, Parisak Phungoen², Pongpol Petchkum²
¹Department of Orthopedic Surgery, Bhumibol Adulyadej Hospital, Thailand
²Bhumibol Adulyadej Hospital, Thailand
1-O-11 Time-dependent Change in the Syndesmotic Reduction after Syndesmotic Fixation for Ankle Malleolar Fractures with Syndesmotic Diastasis
Jun M Endo¹, Satoshi Yamaguchi², Sasho Takahisa²
¹Department of Orthopedic Surgery, Sanmu medical center, Japan
²Chiba University, Department of Orthopaedic Surgery, Japan

10:50-11:50
Scientific Session 3 Trauma II p.131-p.134
Moderators: Sukij Laohajaroensombat
Department of Orthopaedics, Ramathibodi Hospital, Mahidol University, Thailand
Chang Fei
Department of Foot & Ankle Surgery, 2nd Hospital of Jilin University, China

1-O-12 Evaluation of Soft Tissue Damages in Ankle Fractures Using MRI
Masamitsu Kido, Kazuya Ikoma, Masahiro Maki, Kan Imai, Yusuke Hara, Yuji Arai, Hiroyoshi Fujiwara, Toshikazu Kubo
Department of Orthopedic, Graduate School of Medical Science, Kyoto Prefectural University of Medicine, Japan

1-O-13 Soft Tissue Problems in Lateral Malleolar Fractures- the Impact of Diabetes
Chih-Wei Chang, Chien-An Shih, I-Ming Jou
Department of Orthopedic, National Cheng Kung Univ. Hosp, Taiwan

1-O-14 Minimally Invasive Plate Osteosynthesis (MIPO) for Unstable Ankle AO 43-B3 Fracture
Denis D. Lee, Kern S. Tiew, Ann J. Lee, Rifa A. Subhan, Guan M. Ng, Kamil M Kasim, Leong H. Ang, Pan H. Tan², Quan L. Lau²
Department Of Orthopedic, Hospital Tengku Ampuan Rahimah Klang, Malaysia

1-O-15 The Contribution of Anterior Deltoid Ligament to Ankle Stability in Isolated Lateral Malleolar Fractures
Young Hwan Park¹, Tae Hoon Lee¹, Kyu Sun Jang¹, Gi Won Choi², Chan Dong Jeong¹, Suk Joo Hong³, Min A Yoon³, Hak Jun Kim¹
¹Department of Orthopedic Surgery, Korea University Guro Hospital, Korea
²Department of Orthopaedic Sugery, Korea University Ansan Hospital, Korea
³Department of Radiology, Korea University Guro Hospital, Korea

1-O-16 Treatment of Weber B Fractures with Retrograde Screwing: A Case Series
Yan-Yu Chen, Chia-Hung Chu
Foot and Ankle Center, Show-Chwan Memorial Hospital, Taiwan
Saturday, November 19, 2016

1-O-17 Complications of Implant Removal in Ankle Fractures
Taro Kasai¹, Toru Iga¹, Yuji Maenohara², Song Ho Chang²,
Takumi Matsumoto², Tetsuro Yasui², Wakyō Sato¹, Tatsuo Karita¹
¹Department of Orthopedic Surgery, Tokyo Metropolitan Tama Medical Center, Japan
²The University of Tokyo, Department of Orthopaedic Surgery, Japan

1-O-18 Osteotomy Reconstruction Surgery for Pilon Fracture Malunion
Zhongmin Shi
Foot and Ankle Section, Department of Orthopedic, Shanghai Sixth People's Hospital,
Shanghai Jiaotong University, China

1-O-19 Effects of Footwear on Foot and Ankle Injuries in Motorcycle Accidents
Songwut Thitiboonsuwan¹, Tanawat Vaseenon¹, Korakot Maliwankul²,
Krongkarn Sutham¹, Areerak Phanphisarn¹, Jayanton Patumanond³
¹Department of Orthopedic Surgery, Chiang Mai University, Thailand
²Prince of Songkla University, Thailand
³Thammasat University, Thailand

12:00-13:00
Luncheon Seminar 1

Moderator: Masahiko Noguchi
Department of Orthopaedic Surgery, Tokyo Women's Medical University, Japan

1-LS1-1 Surgical Management of Painful Disorders Affecting The Big Toe
Masahito Hatori
Department of Orthopaedic Surgery, KKR Tohoku Kosai Hospital, Japan

16:10-17:10
Scientific Session 4 Ligament

Moderators: Hak Jun Kim
Department of Orthopaedic Surgery, Guro Hospital, Korea University College of Medicine, Korea
Takaaki Hirano
Department of Orthopaedic Surgery, St. Marianna University School of Medicine, Japan

1-O-20 Arthroscopic Ankle Surgery: Does “Transillumination Test” Effective in Localizing the Superficial Peroneal Nerve?
Thos Hamroongroj, Bavornrit Chuckpaiwong
Department of orthopaedics and rehabilitation, Siriraj hospital, Mahidol university, Thailand
1-O-21  Bony Landmarks Available for Minimally Invasive Lateral Ankle Stabilization Surgery: A Cadaveric Anatomical Study
Kentaro Matsui¹,², Masato Takao¹, Xavier Martin Oliva³,⁴, Mark Glazebrook², Hirotaka Kawano¹
¹Department of Orthopedic Surgery, Teikyo University, Japan
²Queen Elizabeth II Health Sciences Center Halifax Infirmary, Canada
³Department of Human Anatomy, Dissection room, Faculty of Medicine, University of Barcelona, Spain
⁴Remei Hospital, foot and ankle surgery, Spain

1-O-22  MR Finding of Deltoid Ligament Tear: How Often Do Both ATFL and Deltoid Ligament Tear Occur at the Same Time?
Yuko Kobashi, Yohei Munetomo, Akira Baba, Shinji Yamazoe, Takuji Mogami
Department of Radiology, Tokyo Dental College Ichikawa General Hospital, Japan

1-O-23  Four Cases of Broström Technique with Tape Augmentation for Reconstruction of The Anterior Talofibular Ligament
Kazunori Maruyama, Hideji Kura, Eiichi Uchiyama
Department of Orthopedic, Hitsujigaoka Hospital, Japan

1-O-24  Modified Broström Procedure for Chronic Ankle Instability with Generalized Joint Hypermobility
Hyong Nyun Kim, Hyun Woo Na, Yong Wook Park
Department of Orthopedic Surgery, Kangnam Sacred Heart Hospital, Hallym University College of Medicine, Korea

1-O-25  Comparison of the Modified Broström Procedure for Chronic Lateral Ankle Instability in Patients With and Without Generalized Joint Laxity
Gun-Woo Lee, He-Xing Xu, Keun-Bae Lee
Department of Orthopaedic Surgery, Chonnam National University Medical School and Hospital, Korea

1-O-26  Comparison of the Modified 1 Brostrom Procedure for Chronic Lateral Ankle Instability With and Without Subfibular Ossicle
Seung-Hyun Yoo, Hyun-wook Ahn, Keun-Bae Lee
Department of Orthopaedic Surgery, Chonnam National University Medical School and Hospital, Korea

1-O-27  Chronic Lateral Ankle Instability Treated With All-Inside Arthroscopic Brostrom-Gould Repair
Yan-Yu Chen¹, Chia-Hung Chu¹,²
¹Foot and Ankle Center, Show-Chwan Memorial Hospital, Taiwan
²Walk Well Clinic, Taiwan
1-O-28  MR T1ρ Mapping of Articular Cartilage Graft after Autologous Osteochondral Transplantation for Osteochondral Lesions of the Talus: A Longitudinal Evaluation
Naoki Haraguchi¹, Koki Ota¹, Naoya Tsunoda¹, Takuma Ozeki¹,
Shingo Nishisaka¹, Naoki Nishida¹, Atsushi Tsutaya²,
Takashige Yoshida²
¹Department of Orthopedic Surgery, Tokyo Metropolitan Police Hospital, Japan
²Department of Radiology, Tokyo Metropolitan Police Hospital, Japan

1-O-29  The Relationship between the Findings of Computed Tomography and Histopathologic Findings in Osteochondral Lesion of Talar Dome
Tomoyuki Nakasa, Nobuo Adachi, Yaunari Ikuta, Mikiya Sawa,
Masahiro Yoshikawa, Yusuke Tsuyuguchi
Department of Orthopedic Surgery, Hiroshima University, Japan

1-O-30  Surgical Treatment for Hepple Type V Osteochondral Lesion of the Talus
Wenqi Gu, Zhongmin Shi
Orthopaedics, Shanghai Sixth People's Hospital, China

1-O-31  Osteochondral Autologous Transplantation Using Donor Ipsilateral Talar Articular Facet for Osteochondral Lesion of the Talus
Quan Yu Dong¹, Jin Cheng Wang¹, Fei Chang¹, Bing Zhe Huang¹,
Yong Wook Park²
¹Department of Orthopedic, The Second Hospital of Ji Lin University, China
²Hallym University Kang Nam Sacred Heart Hospital, Korea

1-O-32  The Effect of Curettage and Bone Graft for Very Large Cystic Osteochondral Lesion of Talus
Youngseok Moon, Myong-Jin Kim, Yoon-Chung Kim, Jae Hoon Ahn
Department of Orthopaedic Surgery, Seoul St. Mary's Hospital, The Catholic University of Korea School of Medicine, Korea

1-O-33  Comparison of Arthroscopic Microfracture for Osteochondral Lesions of the Talus With and Without Subchondral Cyst.
Keun-Bae Lee, Hyeong-won Park, Seung-Hyun Yoo
Department of Orthopaedic Surgery, Chonnam National University Medical School and Hospital, Korea
1-O-34 Two-year Outcomes of Debridement with and Without Gastrocnemius-Soleus Complex Lengthening for Stage 1 Posterior Tibial Tendon Dysfunction
Kae Sian Tay, Inderjeet Rikhraj Singh
Department of Orthopedic Surgery, Singapore General Hospital, Singapore

1-O-35 Treatment for Plano-Valgus Foot Deformities
Victor Protsko
RUSFAS; IFFAS, Russia

1-O-36 Outcomes of Flatfoot Reconstruction with Gastrocnemius Lengthening, Calcaneal Slide Osteotomy, Lateral Column Lengthening, and Dorsal Opening Wedge of Medial Cuneiform
Chamnanni Rungprai¹, ², John Femino², Annunziato Amendola³, Jason Paterson², Phinit Phisitkul²
¹Department of Orthopedic, Phramongkutklao Hospital and College of Medicine, Thailand
²University of Iowa Hospital and Clinics, USA
³Duke University, USA

1-O-37 Effects of the Graft Size in Lateral Column Lengthening to Correct PTTD: A Cadaveric Study
Chaiyarit Cheewawattananchai, Tanawat Vaseenon, Jirawat Saengsin, Pruchawal Aiumporn
Department of Orthopedic, Faculty of Medicine, Chiang Mai University, Thailand

1-O-38 The Influence of Obesity in Adult Acquired Flat Foot Corrective Surgery
Amila Silva, Tet Sen Howe, Inderjeet Singh Rikhraj
Department of Orthopedic, Singapore General Hospital, Singapore
Moderators: 
Woo Chun Lee  
Department Of Orthopaedic Surgery, Seoul Paik Hospital, Inje University, Korea  
Noriyuki Kanzaki  
Orthopaedic surgery, Kobe University Graduate School of Medicine, Japan

1-O-39 Failure to Restore Sagittal Tibiotalar Alignment in Total Ankle Arthroplasty  
Young Yi¹, Jae-Ho Cho², Ji-Beom kim¹, Woo Chun Lee¹  
¹Department of Orthopedics Foot and ankle clinic, Seoul Paik Hospital Inje University, Korea  
²Hallym University Chuncheon, Korea

1-O-40 Effect of Anterior Translation of the Talus on Outcomes of Three-component Total Ankle Arthroplasty.  
Keun-Bae Lee, Seung-Hyun Yoo, Gun-Woo Lee  
Department of Orthopaedic Surgery, Chonnam National University Medical School and Hospital, Korea

1-O-41 Sagittal Balance of Total Ankle Arthroplasty: Radiography Versus Metal Artifact Reduction MRI  
Apisan Chinanuvathana¹, Cesar de Cesar Netto¹,², Moses Lee¹, Lucas Furtado Fonseca¹, Talal Zahoor¹, Eric Dein¹, Hans Zhang¹, ⁴, Pedro Pontin³, Lew Schon¹, Jan Fritz²  
¹Baltimore-MD, Medstar Union Memorial Hospital, USA  
²Johns Hopkins University, USA  
³University of Sao Paulo, Brazil  
⁴Duke University, USA

1-O-42 Outcomes and Complications of Total Ankle Replacement in Patients with Post-traumatic, Primary, and Inflammatory Ankle Arthritis: A Comparative Study  
Chamnanni Rungprai¹,², Phinit Phisitkul², John Femino², Annunziato Amendola³  
¹Department of Orthopedic, Phramongkutklao Hospital and College of Medicine, Thailand  
²University of Iowa Hospital and Clinics, USA  
³Duke University, USA

1-O-43 Total Ankle Arthroplasty Versus Ankle Arthrodesis for Treatment of End-stage Ankle Arthritis: A Meta-analysis of the Comparative Studies  
Gi Won Choi¹,², Jin Woo Lee², Hak Jun Kim¹  
¹Department of Orthopedic Surgery, Korea University, College of Medicine, Korea  
²Yonsei University, College of Medicine, Korea
1-O-44 Neurologic Injuries After Primary Total Ankle Arthroplasty: Prevalence and Effect on Outcomes.
Andri Primadhi¹, Seung-Hyun Yoo², Keun-Bae Lee²
¹Department of Orthopaedics and Traumatology, Universitas Padjadjaran Medical School and Hasan Sadikin Hospital, Indonesia
²Department of Orthopaedic Surgery, Chonnam National University Medical School and Hospital, Korea

1-O-45 Comparison of Outcomes of Total Ankle Arthroplasty for Osteoarthritis with Moderate and Severe Varus Malalignment Compared with Neutral Alignment
Gun-Woo Lee, Sang-don Joo, Keun-Bae Lee
Department of Orthopaedic Surgery, Chonnam National University Medical School and Hospital, Korea

1-O-46 Comparison of the Functional and Clinical Evaluations between the Talar Component Models in the Total Ankle Arthroplasty.
Hiroaki Kurokawa, Yasuhiro Tanaka, Shigeki Morita, Akira Taniguchi, Tsukasa Kumai, Yoshihori Takakura
Nara Medical University, Japan

1-O-47 The Features and Short Term Results of Total Ankle Arthroplasty with Total Talar Whole Body (Hybrid TAA)
Noriyuki Kanzaki¹, Yoshinori Takakura², Yoshiyuki Takakura², Akihiko Toda³, Nobuaki Chinzei¹, Shinsuke Kihara¹, Katsuhiko Haneda¹, Kazuhiro Takeuchi¹, Kazuyuki Ibaraki¹, Ryosuke Kuroda¹
¹Department of Orthopedic Surgery, Kobe University Graduate School of Medicine, Japan
²Takakura Orthopaedic and Sports Clinic, Japan
³Kobe Kaisei Hospital, Japan

12:00-13:00 Luncheon Seminar 2 p.121
Moderator: Satoru Ozeki
Department of Orthopaedic Surgery, Dokkyo Medical University Koshigaya Hospital, Japan

1-LS2-1 Treatment Strategy of Articular Cartilage Injury
Nobuo Adachi¹, Atsuo Nakamae¹, Masakazu Ishikawa¹, Tomoyuki Nakasa¹, Mitsuo Ochi²
¹Department of Orthopaedic Surgery, Institute of Biomedical and Health Sciences, Hiroshima University, Japan
²Hiroshima University, Japan

Sponsored by Taisho Toyama Pharmaceutical Co., Ltd.
1-O-48  Comparison of Mouse and Human Ankles and Establishment of Surgical Destabilization Model of Mouse Ankle Osteoarthritis
Song Ho Chang¹, Tetsuro Yasui², Takumi Matsumoto¹,
Taro Kasai³, Yuji Maenohara¹, Ryutarō Takeda⁴, Yukari Ando⁵,
Sakae Tanaka¹, Taku Saito¹
¹Department of Orthopedic, The University of Tokyo, Japan
²Department of Orthopaedic Surgery, Teikyo University Mizonokuchi Hospital, Japan
³Department of Orthopaedic Surgery, Tokyo Metropolitan Tama Medical Center, Japan
⁴Department of Orthopaedic Surgery, Mitsui Memorial Hospital, Japan
⁵Department of Orthopaedic Surgery, Tokyo Metropolitan Hiroo Hospital, Japan

1-O-49  Safety and Efficacy of Intra-articular Injection of Platelet-rich Plasma in Patients with Ankle Osteoarthritis
Taisuke Fukawa, Satoshi Yamaguchi, Yorikazu Akatsu, Jun Endo,
Yohei Yamamoto, Ryuichiro Akagi,
Takahisa Sasho, Kazuhisa Takahashi
Department of Orthopedic Surgery, Chiba University Graduate School of Medical and Pharmac, Japan

1-O-50  Geometrical Characteristics of the Talar Dome Side-Walls in Osteoarthritic Ankles
Yuki Tochigi¹,², Masato Ogawa¹,², Masataka Kakhana¹,²,
Satoru Ozeki¹,²
¹Department of Orthopedic Surgery, Dokkyo Medical University Koshigaya Hospital, Japan
²Nagareyama Central Hospital, Japan

1-O-51  Weight Bearing Computed Tomography(WBCT) of Varus Ankle Osteoarthritis: The Internal Rotation of Talus in Axial Plane
Jibeom Kim, Young Yi, Woo Chun Lee
Seoul Foot and Ankle Center, Inje medical university, Seoul Paik hospital, Korea
1-O-52  Mechanical Analysis of Five Methods of Tibiotalar Arthrodesis Using Screw Fixation Technique: A Cadaveric Study

Weng Kong Low¹, Yeok Pin Chua², SR Kanthan³, Aik Saw³
¹Department of Orthopedic, National Orthopaedic Centre of Excellent for Research and Learning, University of Malaya, Malaysia
²Sunway Institute For Healthcare Development, Sunway University, Sunway Medical Centre, Malaysia
³National Orthopaedic Centre of Excellent for Research and Learning, University of Malaya, Malaysia

1-O-53  Correction of Supramalleolar Deformities with an External Fixator

Shuhei Ugaji, Hidenori Matsubara, Takao Aikawa, Yasuhisa Yoshida, Hiroyuki Tsuchiya
Department of Orthopedic Surgery, Kanazawa University Graduate school of medicine, Japan

1-O-54  Open Versus Arthroscopic Ankle Arthrodesis: A Comparison of Subsequent Procedures in a Large Database

Youichi Yasui¹, ², Masato Takao², John G Kennedy¹
¹Foot and ankle, Hospital for special surgery, USA
²Department of Orthopaedic Surgery, Teikyo University School of Medicine, Japan

1-O-55  Clinical Comparison of Ankle Arthrodesis with Distal Tibial Oblique Osteotomy for Stage 3B Osteoarthritis of the Ankle.

Daisuke Tsuboyama, Yasuhiito Tanaka, Yuji Maenohara, Kiyotaka Tomiwa, Hiroaki Kurokawa, Akira Taniguchi, Tsukasa Kumai
Nara Medical University, Japan