Scientific Program
Room 1 (Floral Court)

8:30-9:40

Symposium 1: Spine Surgery Symposium
"The decision making and new techniques for spinal diseases"

Chairs: Hiroshi Taneichi (Department of Orthopaedic Surgery, Dokkyo Medical University School of Medicine, Japan)
Seung Woo Suh (Korea University Guro Hospital, Korea)

S1-1 Minimal Invasive Surgery in Scoliosis Correction
Seung Woo Suh, Yang Jae Hyuck, Jang Dong Gyun, Pavan Kumar
Korea University Guro Hospital, Korea

S1-2 Decision making of fusion level and direct vertebral rotation in adolescent idiopathic scoliosis
Dong-Gune Chang¹, Jae Hyuk Yang², Seung-Woo Suh², Jin-Hyok Kim¹, Se-Il Suk³
¹Department of Orthopaedic Surgery, Inje University Sanggye Paik Hospital, Korea
²Department of Orthopaedic Surgery, Korea University Guro Hospital, Korea

S1-3 Mini-extrapleural Approach (Mini-EPA) for Thoracic and Thoraco-lumbar Lesions
Takuya Yamamoto, Masahiko Abematsu, Hiroyuki Tominaga, Ichiro Kawamura, Kazunori Yone, Setsuro Komiya
Department of Orthopaedic Surgery, Graduate School of Medical and Dental Sciences, Kagoshima University, Japan

S1-4 Decision Making in Surgical Treatment for Ossification of Posterior Longitudinal Ligament in the Thoracic Spine
Kei Miyamoto¹, Kazunari Fushimi², Chizuoi Iwai³, Katsuji Shimizu¹, Haruhiko Akiyama³
¹Division of Orthopaedic Surgery and Spine Surgery Gifu Municipal Hospital, Japan
²Gifu University Graduate School of Medicine, Regional Medicine and Musculoskeletal Science, Japan
³Gifu University Graduate School of Medicine, Department of Orthopaedic Surgery, Japan
Symposium 2 : Shoulder Surgery Symposium

**Chairs : Eiji Itoi** (Department of Orthopaedic Surgery, Tohoku University School of Medicine, Japan)

**Jun-Gyu Moon** (Korea University Guro Hospital, Korea)

S2-1  **Researches on biological rotator cuff healing**

  **Joo Han Oh**, Seok Hoon Yang

  *Department of Orthopedic Surgery, Seoul National University College of Medicine, Seoul National University Bundang Hospital, Korea*

S2-2  **Treatment Strategy for Glenoid Bone Defect in Anterior Shoulder Instability**

  **Myung-Sun Kim**

  *Department of Orthopaedics, Chonnam National University School of Medicine, Korea*

S2-3  **Postoperative Evaluation of the Direction of the Drill Holes for Arthroscopic Bankart Repair with Suture Anchors -Clinical and Cadaveric Study-**

  **Hideyuki Goto**\(^1\), Katsumasa Sugimoto\(^2\), Masahito Yoshida\(^3\), Tetsuya Takenaga\(^3\), Hiroto Mitsui\(^1\), Masahiro Nozaki\(^1\), Yuko Nagaya\(^1\), Masaaki Kobayashi\(^1\), Hirotaka Iguchi\(^1\), Takanobu Otsuka\(^1\)

  \(^1\)Department of Orthopaedic Surgery, Nagoya City University Graduate School of Medical Science, Japan

  \(^2\)Nagoya Sports Clinic, Japan

  \(^3\)Department of Orthopaedic Surgery, University of Pittsburgh, U.S.A.

S2-4  **Shoulder function after resection of deltoid for malignant soft tissue tumors: A report of three cases**

  **Kosuke Matsuo**, Takayuki Kamiishi, Yogen Morikawa, Yutaka Nezu, Tomoyuki Saito

  *Department of Orthopaedic Surgery, Yokohama City University, Japan*
Symposium 3: Tumor Symposium
"Biological Reconstruction"

Chairs: Setsuro Komiya (Department of Orthopaedic Surgery, Graduate School of Medical and Dental Sciences, Kagoshima University, Japan)
Sung Taek Jung (Department of Orthopaedic Surgery, Chonnam National University Hospital, Korea)

S3-1 Biological reconstruction using liquid nitrogen-treated tumor-bearing bone in cases of hemicortical resection around knee joint
Norio Yamamoto1), Yu Aoki2), Katsuhiro Hayashi2), Akihiko Takeuchi2), Hiroyuki Tsuchiya2)
1) Department of Advanced and Innovative Musculoskeletal Medicine, Graduate School of Medical Sciences, Kanazawa University, Japan
2) Department of Orthopaedic Surgery, Graduate School of Medical Sciences, Kanazawa University, Japan

S3-2 Long-term outcome of pasteurized autograft reconstruction
Dae-Geun Jeon
Department of Orthopedic Surgery Korea Cancer Center Hospital, Korea

S3-3 Biologic reconstructions of children's malignant bone tumors
Duk-Seop Shin
Department of Orthopedic Surgery, Yengnam University Hospital, Korea

S3-4 Analysis of surgical site infection in musculoskeletal malignancies:
Comparison between biological and prosthetic reconstructions
Satoshi Nagano1), Hiromi Sasaki1), Takao Setoguchi2), Yasuhiro Ishidou3), Setsuro Komiya1)
1) Department of Orthopaedic Surgery, Graduate School of Medical and Dental Sciences, Kagoshima University, Japan
2) The Near-Future Locomotor Organ Medicine Creation Course (Kusunoki Kai), Graduate School of Medical and Dental Sciences, Kagoshima University, Japan
3) Department of Medical Joint Materials, Graduate School of Medical and Dental Sciences, Kagoshima University, Japan
12:10-13:10

Luncheon Seminar 1 : Treatment Strategies for Irreparable Massive Rotator Cuff Tear

Chair : Naoki Suenaga (The Upper Extremity Center of Joint Replacement and Endoscopic Surgery, Hokushin Hospital, Sapporo, Japan)

LS1
Speaker: Joo Han Oh (Department of Orthopaedic Surgery, Seoul National University College of Medicine, Seoul National University Bundang Hospital, Seoul, Korea)

➤ Our surgical strategies for irreparable rotator cuff tear with Reverse Shoulder Arthroplasty RSA and ARCR indications, limits, and 5 year post operation clinical results

Naomi Oizumi (The Upper Extremity Center of Joint Replacement and Endoscopic Surgery, Hokushin Hospital, Sapporo, Japan)

➤ Our surgical strategies for irreparable rotator cuff tear with Anatomical prosthesis with small HHR and its’ indications, limits, and 5 year post operation clinical results

Co-sponsored by : Johnson & Johnson K. K.

13:20-14:20

Afternoon Seminar : The latest findings of osteoporosis

Chair : Hiroshi Ito (Department of Orthopaedic Surgery, Asahikawa Medical University, Japan)

AS-1 Atypical femoral fracture: the incidence, risk factors and background factors
Muneaki Ishijima
Departments of Medicine for Orthopaedics and Motor Organ, Juntendo University Graduate School of Medicine, Japan

AS-2 Effect of Minodronate on Bone Microarchitecture and Strength in Vivo
Taro Mawatari, Shinkichi Arisumi, Satoshi Ikemura, Gen Matsui, Takahiro Iguchi, Hiroaki Mitsuyasu, Yuta Sakemi, Ryuta Sakurai
Department of Orthopaedic Surgery, Hamanomachi Hospital, Japan

Co-sponsored by : Astellas Pharma Inc.
Symposium 4 : Hip Surgery Symposium
"Recent concepts of total hip arthroplasty"

Chairs : Yutaka Inaba (Department of Orthopaedic Surgery, Yokohama City University, Japan)
Young-Hoo Kim (The Joint Replacement Center, Ewha Womans University School of Medicine, SeoNam Hospital, Korea)

S4-1 Can Dual Mobility Cup be a Wise Option for Fractured Neck of Femur in Older Patients?
Kwang Jun Oh, Young-Bong Ko, Do-Kyung Lee
Department of Orthopaedic Surgery, KonKuk University Medical Center, KonKuk University School of Medicine, Korea

S4-2 The Outcomes of Ultrashort and Conventional Anatomic Cementless Stems in the Young and Elderly Patients
Young-Hoo Kim1), Jang-Won Park2), Jun-Shik Kim2)
1) The Joint Replacement Center, Ewha Womans University School of Medicine, SeoNam Hospital, Korea
2) The Joint Replacement Center, Ewha Womans University School of Medicine, MokDong Hospital, Korea

S4-3 Original hybrid THA system for patients with developmental dysplasia of the hip (DDH)
Hiroshi Ito1), Hiromasa Tanino1), Tatsuya Sato1), Yasuhiro Nishida1), Takeo Matsuno2)
1) Department of Orthopaedic Surgery, Asahikawa Medical University, Japan
2) Asahikawa Medical University, Japan

S4-4 Recent development in periprosthetic joint infection diagnosis
Naomi Kobayashi, Yutaka Inaba, Hyonmin Choe, Masaki Kawamura, Tomoyuki Saito
Department of Orthopaedic Surgery, Yokohama City University, Japan
Evening Seminar 1

Chair: Yutaka Nohara (Dokkyo University School of Medicine, Japan)

ES1-1 Chronic OA pain management

Joon Ho Wang
Department of Orthopaedic Surgery, Seoul Samsung Medical Center,
Sungkyunkwan University School of Medicine, Korea

Co-sponsored by: Janssen Pharmaceutical K.K.