<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Presentations</th>
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</table>
| 9:00 - 10:30 | Panel Discussion 10                          | PA10-1 Clinical evaluation of the Anterior Cruciate Ligament Injury Prevention Program for Female Soccer Players  
HACHIOJI Sports Orthopaedic Clinic Rehabilitation Center Hirohisa Magoshi  
PA10-2 Effectiveness of the ACL Injury Prevention Program in Basketball and its Future Prospect  
Medical Committee of the Japan Basketball Association, Japan / Dept. of Orthop. Surg., JR Tokyo General Hospital, Tokyo, Japan Shuichi Nakayama  
PA10-3 Time-dependent change in dynamic lower limb varus/valgus alignment in female and male adolescents  
Dept. of Rehab. Med., Hirosaki University Graduate School of Medicine, Hirosaki, Japan Eiichi Tsuda  
PA10-4 A New Approach to Prevention of Athletic Injury in Female Top Athletes, considering difference characteristics of each Sports  
Dept. of Orthop. Surg., Kyoto Kuramaguchi Medical Center, Kyoto, Japan Aguri Kamitani  
PA10-5 ACL injury prediction from the evaluation of dynamic balance using PU classification and Artificial Intelligence analysis  
Medicine for Sports and Performing Arts, Osaka University Graduate School of Medicine, Osaka, Japan Ken Nakata |
| 10:30 - 12:00 | Symposium 7                                   | SY7-1 Basic Technique of Ultrasonography in the Musculoskeletal System  
Dept. of Orthop. Surg., Nara Medical University, Nara, Japan Yasuaki Nakanishi  
SY7-2 Ultrasound guided diagnosis, intervention and surgery for muscle injuries  
Dept. of Sports Medicine, Kameda Medical Center, Kamogawa, Japan / Department of Clinical anatomy, Graduate School of Medical and Dental Science, Tokyo Medical and Dental University Soichi Hattori  
SY7-3 Management of Low Back Pain with Diagnostic Ultrasound Devices  
Hirosaki University School of Medicine & Hospital Tadashi Kobayashi  
SY7-4 The Role of Ultrasound in the Evaluation of the Shoulder and Elbow Sports Injuries  
Department of Sports Medicine and Orthopedics, Edogawa Hospital, Tokyo, Japan Wataru Iwamoto  
SY7-5 Extra-articular injection under ultrasonographic imaging for knee pain related sports activity  
Dept. of Orthop. Surg., Kanazawa University, Kanazawa, Japan Junsuke Nakase  
SY7-6 Role of ultrasonography in diagnosis of sport injuries of the food  
Maeda Orthopaedic Clinic Manabu Maeda |
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<tr>
<th>Time</th>
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<tr>
<td>12:30 - 13:30</td>
<td>Luncheon Seminar 15</td>
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<tr>
<td></td>
<td>Moderator: Hiromasa Miura</td>
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<tr>
<td>LS15</td>
<td>Treatment strategy for the meniscus damage including the arthropathy knee.</td>
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<td>National Hospital Organization Disaster Medical Center Takeshi Muneta</td>
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Room 2 (1F Mid-sized Hall)

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<th>Time</th>
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<tbody>
<tr>
<td>9:00 - 10:30</td>
<td>Panel Discussion 11</td>
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<tr>
<td></td>
<td>Diagnosis of early osteoarthritis, How much earlier?</td>
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<tr>
<td></td>
<td>Moderators: Shigeyuki Wakitani Masahiko Ikeuchi</td>
</tr>
<tr>
<td>PA11-1</td>
<td>Concept of Early Osteoarthritis</td>
</tr>
<tr>
<td></td>
<td>Stem Cells and Regenerative Medicine, Tokyo Medical and Dental University /</td>
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<tr>
<td></td>
<td>Department of Orthopaedic Sugery, Yokohama City University</td>
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<tr>
<td></td>
<td>Nobutake Ozeki</td>
</tr>
<tr>
<td>PA11-2</td>
<td>Pathological Mechanisms Involved in Early OA</td>
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<tr>
<td></td>
<td>Department of Life Sciences, Graduate School of Arts and Sciences, The University</td>
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<td></td>
<td>of Tokyo / Clinical Research Center, National Hospital Organization Sagamihara</td>
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<tr>
<td></td>
<td>Hospital Naoshi Fukui</td>
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<tr>
<td>PA11-3</td>
<td>Diagnosis for early-stage knee osteoarthritis by radiography</td>
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<tr>
<td></td>
<td>Department of Medicine for Orthopaedics and Motor Organ,</td>
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<td></td>
<td>Juntendo University Graduate School of Medicine, Tokyo, Japan /</td>
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<td>Department of Orthopaedics, Juntendo University Hospital, Tokyo, Japan /</td>
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<td>Sportology Center, Juntendo University Graduate School of Medicine, Tokyo, Japan</td>
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<td>Muneaki Ishijima</td>
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<tr>
<td>PA11-4</td>
<td>The Diagnosis of Early Cartilage Change of Anterior Cruciate Ligament Deficient</td>
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<td></td>
<td>Knees Using 3D T1rho MRI</td>
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<td></td>
<td>Dept. of Orthop. Surg., Nara Medical University Yusuke Inagaki</td>
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<tr>
<td>PA11-5</td>
<td>Medication for early osteoarthritis</td>
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<tr>
<td></td>
<td>Dept of Orthop. Surg., Nagoya University Graduate School of Medicine, Nagoya, Japan</td>
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<tr>
<td></td>
<td>Nobunori Takahashi</td>
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<tr>
<td>PA11-6</td>
<td>Opening wedge high tibial osteotomy in patients with early knee OA</td>
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<tr>
<td></td>
<td>Dept. of Orthop. Surg., Yokohama City University School of Medicine, Yokohama, Japan</td>
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<td>Yasushi Akamatsu</td>
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<tr>
<td>11:00 - 12:00</td>
<td>Medical Safety Lecture 3</td>
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<td>Moderator: Kengo Yamamoto</td>
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<tr>
<td>MSL3</td>
<td>Complications in arthroscopic surgery</td>
</tr>
<tr>
<td></td>
<td>Department of Orthopaedic Surgery Hirosaki University Graduate School of Medicine</td>
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<td></td>
<td>Yasuyuki Ishibashi</td>
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<th>Time</th>
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<tr>
<td>12:30 - 13:30</td>
<td>Luncheon Seminar 16</td>
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<tr>
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<td>Moderator: Toshihiko Yamashita</td>
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<tr>
<td>LS16</td>
<td>Total knee arthroplasty: measures against polyethylene wear and postoperative pain</td>
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<tr>
<td></td>
<td>Department of Orthopaedic Surgery, Osaka City University Graduate School of Medicine</td>
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<td>Yukihide Minoda</td>
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<td>Sponsored by SHIONOGI &amp; CO., LTD. / Eli Lilly Japan K.K.</td>
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</table>
Stress fractures on foot and ankle, Diagnosis and Treatment

Moderators: Hisateru Niki, Shoichiro Nakayama

SY8-1 Ultrasound Diagnosis and Treatment Strategy for Stress Fractures of Foot and Ankle
Teikyo University Institute of Sports Science and Medicine, Tokyo, Japan
Dept. of Orthop. Surg., Teikyo University, Tokyo, Japan
Dept. of Sport and Medical Science, Faculty of Medical Technology, Teikyo University, Tokyo, Japan
Jun Sasahara

SY8-2 Diagnosis and Treatment for Stress Fracture of Medial Malleolus
Dept. of Orthop., Graduate School of Medical Science, Kyoto Prefectural University of Medicine, Kyoto, Japan
Kazuya Ikoma

SY8-3 Treatment for stress fracture of the tarsal navicular
Dept. of Orthop. Surg., Nara Prefecture General Medical Center
Shinji Isomoto

SY8-4 Stress fractures of the second metatarsal base
Department of Orthopaedic Surgery, St. Marianna University School of Medicine, Kanagawa, Japan
Hiroyuki Mitsui

SY8-5 Rostral Fifth Metatarsal Stress Fractures; Treatment and Screening for Incomplete Fractures.
Dept. of Orthop. Surgery & Sports Medicine, Kawaguchi Kogyo General Hospital, Saitama, Japan
Jones Fracture Research Group
Takashi Ogiuchi

SY8-6 Stress Fracture of the Proximal Phalanx of the Great Toe in Athletes
Sports Medicine Research Center, Keio University, Yokohama, Japan
Takeshi Hashimoto
### Symposium 9

**Hip pain of athletes, Differential diagnosis and treatment**

**Moderators:** Hajime Sugiya
Soshi Uchida

<table>
<thead>
<tr>
<th>SY9-1</th>
<th>The layer concept of hip pain for athletes</th>
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<tbody>
<tr>
<td></td>
<td>Dept. of Orthop. Surg., Wakamatsu Hospital of the University of Occupational and Environmental Health, Japan</td>
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<td>Dept. of Orthop. Surg., Teikyo University Hospital, Mizonokuchi, Japan</td>
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<td>Shihoko Kanezaki</td>
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<tr>
<th>SY9-2</th>
<th>Diagnosis of Groin Pain: Radiographical Diagnosis and Supplemental Diagnosis Using Ultrasoundography</th>
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<tbody>
<tr>
<td></td>
<td>Dept. of Artificial Joints and Biomaterials, Hiroshima University, Hiroshima, Japan</td>
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<td>Takuma Yamasaki</td>
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<tr>
<th>SY9-3</th>
<th>Conservative Treatment for Athletes’ Groin Pain.</th>
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<tbody>
<tr>
<td></td>
<td>AR-Ex Oyamadaii Orthopedic Clinic Tokyo Arthroscopy Center, Tokyo, Japan</td>
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<td>Michihisa Aoyama</td>
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<tr>
<th>SY9-4</th>
<th>The clinical practice of hip arthroscopy for femoroacetabular impingement</th>
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<tbody>
<tr>
<td></td>
<td>Dept. of Orthop. Surg., Kobe Univ. Graduate School of Medicine</td>
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<td>Shingo Hashimoto</td>
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<tr>
<th>SY9-5</th>
<th>Hip arthroscopic treatment for borderline acetabular dysplasia - Results in the Steadman Philippon Research Institute and the natural history of contralateral hips in patients undergoing unilateral rotational acetabular osteotomy</th>
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<tbody>
<tr>
<td></td>
<td>Dept. of Orthop. Surg., Kanazawa Medical University, Ishikawa, Japan</td>
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<td>Kiyokazu Fukui</td>
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<tr>
<th>SY9-6</th>
<th>Hip endoscopy for extra-articular disorder</th>
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<td>Dept. of Orthop. Surg., University of Occupational and Environmental Health</td>
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<td></td>
<td>Dept. of Orthop. Surg., Yokohama City University Medical Center</td>
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<td></td>
<td>Yohei Yukizawa</td>
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### Room 4 (1F 104+105)

**Oral 67**

**Sports: Medical Checkup and Prevention 1**

**Moderator:** Shinichi Aso

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<thead>
<tr>
<th>O3-67-1</th>
<th>WEB application to show the risk of the throwing injuries for the junior baseball pitcher</th>
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<tbody>
<tr>
<td></td>
<td>Matsudo Orthopaedic Hospital, Chiba, Japan</td>
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<td>Kentaro Kameyama</td>
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<tr>
<th>O3-67-2</th>
<th>Related factors of the medial elbow injury in youth baseball pitchers</th>
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<td></td>
<td>Dept. of Medical technology center. Rehabilitation part., Nara Medical University Hospital, Nara, Japan</td>
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<td>Ryota Inoue</td>
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<tr>
<th>O3-67-3</th>
<th>Difference of Humeral Torsion and Range of Motion among Elementary School, Junior High-School, and High School Right Handed Baseball Players</th>
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<tr>
<td></td>
<td>Dept. of Orthop. Surg., Graduate School of Biomedical &amp; Health Sciences, Hiroshima University</td>
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<td>Shin Yokoya</td>
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<tr>
<th>O3-67-4</th>
<th>Medical examination of junior baseball players in miyazaki. The relation between result and range of motion.</th>
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<tbody>
<tr>
<td></td>
<td>Dept. of Orthop. Surg., University of Miyazaki, Miyazaki, Japan</td>
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<td>Makoto Nagasawa</td>
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<tr>
<th>O3-67-5</th>
<th>The Relation Between Subjective Assessment and Shoulder Pain, Elbow Pain, and Low Back Pain.</th>
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<tbody>
<tr>
<td></td>
<td>Dept. of Orthop. Surg., JCHO Akita Hospital, Akita, Japan</td>
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<td>Norihiro Sasaki</td>
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<tr>
<th>O3-67-6</th>
<th>Comparison of the fitness test result according to the position in the schoolchild period Little League player</th>
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<tr>
<td></td>
<td>Sports Medicine Center, National Hospital Organization Kyoto Medical Center</td>
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<td></td>
<td>Seishun Ito</td>
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9th JOSKAS

10:00 - 11:00  Oral 68  
Sports: Medical Checkup and Prevention 2

03-68-1 Characteristics of balance ability in high school basketball players  
Graduate school of Biomechanical and Health Science, Hiroshima University, Hiroshima, Japan  
Yukio Urabe

03-68-2 Characteristic for Anterior Cruciate Ligament Injuries in the Female High School Basketball Team  
Chikushi jogakuen High school,Basketball Team / Department of Rehabilitation, Marine Hospital  
Yuka Nagayoshi

03-68-3 Comparison of lower limb muscle flexibility and relationship with stretch time in top-level and general-level adolescent soccer players  
Murakami memorial hospital of Asahi university  
Akinori Kobayakawa

03-68-4 Asymmetry of muscle thickness in adolescent athletes.  
Dept. of Rehabilitation, Kyoto Kujo Hospital, Kyoto, Japan  
Kohei Yoshikawa

03-68-5 Relationship between dynamic disability of lower limbs joints and ground reaction force during squat  
Department of Tokyo Physical Therapy, Teikyo University of Science  
Minoru Toriyama

03-68-6 When Should a Judo Player Pull His Hand to Perform Osoto-gari with Safety?  
Dept. of Orthop. Surg., Nagano Matsushiro General Hospital, Nagano, Japan  
Daigo Matsunaga

03-68-7 The psychological characteristics of the general injured school athletes.  
Rehabilitation and Sports medical center Kumamoto Kaiseikai Hospital, Kumamoto,Japan  
Daichi Miyazono

11:00 - 11:50  Oral 69  
Sports: Stress Fracture

03-69-1 Therapy for Imcomplete Jones Metatarsal Fracture  
Jones Fracture Research  
Tomohiko Tateishi

03-69-2 Intramedullary screw fixation with iliac bone grafting for Jones fracture  
Dept. of Orthop. Surg, DOUAI Memorial Hospital, Tokyo, Japan  
Takuya Kato

03-69-3 Evaluating a risk of using artificial grass for 5th metatarsal fracture in soccer players  
Dept. of Orthopaedic Surgery, Juntendo University School of Medicine / Jones fracture research group  
Masashi Nagao

03-69-4 Analysis of Breaking Stress in the Patient with Incomplete Jones Fracture by Three Dimensional Finite Element Method  
Dept. of Orthopaedics and Sports medicine, Juntendo University, Tokyo, Japan / Jones fracture research group  
Yoshitomo Saita

03-69-5 Therapeutic experience of stress fracture of patella  
Fujieda Municipal General Hospital  
Kazuki Nomoto

03-69-6 The mechanism of first rib stress fracture caused by batting motion  
Keiyu Orthopaedic Hospital  
Yuya Itoh
Room 5 (2F Small Hall)

9:00 - 10:00 Oral 70 p.790-p.792

Knee: TKA BCR

O3-70-1 A study on the pain in the lateral posterior region of the knee after Bi-cruciate retaining TKA
Dept. of Orthop. Surg., National Hospital Organization Osaka Minami Medical Center, Osaka, Japan
Shigeyoshi Tsuji

O3-70-2 The factor for loss of screw home movement after total knee arthroplasty, a cadaveric study
Dept. of Orthop. Surg., University of Tokushima, Tokushima, Japan
Keizo Wada

O3-70-3 Complaints after BCR TKA
Dept. of Orthop. Surg., Yamagata Saisei Hospital, Yamagata, Japan
Shigenobu Fukushima

O3-70-4 Comparison between the kinematics of BCR TKA and normal knee -a navigation based cadaveric study-
Dept. of Orthop. Tokushima University, Tokushima, Japan
Daisuke Hamada

O3-70-5 Excessive posterior Stability causes pain in bicruciate retaining TKA
Dept. of Orthop. Surg., Yamagata Prefectural Shinjo Hospital, Yamagata, Japan
Tamon Asano

O3-70-6 The comparison with the ranges of motion after TKA, among bicruciate retaining TKA, PCL retaining TKA and Posterior stabilized TKA
JA Hiroshima Yoshida General Hospital
Mitsuru Motoyama

O3-70-7 The component gap of bi-cruciate retaining TKAComparison of CR TKA, UKA -
Dept. of Orthop. Surg., Nagoya City University, Nagoya, Aichi, Japan
Masahiro Nozaki

10:00 - 11:00 Oral 71 p.793-p.795

Knee: TKA BCS

O3-71-1 Internal rotated tibial component increases patellofemoral pressure in bi-cruciate stabilized total knee arthroplasty
Dept. of Orthop., Toho University Ohashi Medical Center, Tokyo, Japan
Shinya Toyoda

O3-71-2 Influence of the axial rotational mismatch between femur and tibial components on intraoperative kinematics of guided motion TKA (Journey II BCS)
Department of Orthopaedic Surgery, Faculty of Medicine, The University of Tokyo
Hiroshi Inui

O3-71-3 The Posterior femoral Offset Ratio of Journy2 CR-type
Dept. of Orthop. Surg., Chiba Rehabilitation Center
Yoshikazu Tsuneizumi

O3-71-4 Effect of Tibial Posterior Slope on Stability and Knee Kinematics After Bi-Cruciate Stabilized Total Knee Arthroplasty
Dept. of Orthop Surg., University of Toho, Tokyo, Japan
Masaru Hada

O3-71-5 The comparison of the step up-down ability after BCS, CR, and PS-TKAs
Dept of Orthop Surg., Kamimoku Spa Hospital, Minakami, Japan
Takanori Iriuchishima

O3-71-6 Three-dimensional knee kinematics during gait after total knee arthroplasty
Dept. of Orthop. Surg., University of Kyushu, Fukuoka, Japan
Koji Murakami

O3-71-7 Short-term clinical result of Journey II BCS
Dept Orthopaedic Surgery, Siga Univ of Med Sci, Shiga, Japan
Kosuke Kumagai
Knee: TKA Navigation

Moderator: Yuichiro Maruyama

03-72-1 Accuracy verification of instrumentation in total knee arthroplasty using accelerometer based navigation. -Evaluated by 3D Computer Tomography-  
Department of Orthopaedic Surgery, Osaka Rosai Hospital  Tomoaki Suzuka

03-72-2 Accuracy of posterior angle of tibial component assisted by image free navigation system in TKA  
Dept. of Orthop. Surg., University of Teikyo, Tokyo, Japan  Nobuhiro Nishihara

03-72-3 Investigation of the accuracy in the alignment of implants in total knee arthroplasty using CT-free navigation  
Dept. of Orthop. Surg., Hamamatsu University School of Medicine, Shizuoka, Japan  Mitsuru Hanada

03-72-4 Comparing image-free navigation-based in vivo knee kinematics between a cruciate-retaining and a cruciate-substituting implant  
Dept. of Orthop., Juntendo Urayasu Hospital  Hiroaki Kanazawa

03-72-5 Correlation between extension/flexion stability and midflexion stability was different between CR and PS-TKA  
Dept. of Orthop. Surg., University of Ehime, Ehime, Japan  Kazunori Hino

03-72-6 Comparison between intraoperative and postoperative alignment of total knee arthroplasty using image free navigation  
Dept. of Orthop., Juntendo Univ Urayasu Hosp  Tetsuya Inui

03-72-7 Midterm Surgical Outcomes in Primary Total Knee Arthroplasty Using Navigation System  
Department of Orthopedic Surgery Showa University Fujigaoka Hospital, Kanagawa, Japan  Shin Kato

Room 6 (2F 204)

9:00 - 10:00 Oral 73  p.799-p.801

Knee: ACL Complication and Pain Control

Moderator: Tatuo Kobayashi

03-73-1 Analysis of risk factors for surgical site infection after anterior cruciate ligament reconstruction using the DPC database  
Dept. of Orthop. Surg., University of Tokyo, Tokyo, Japan  Manabu Kawata

03-73-2 Investigation of postoperative infections after arthroscopic anterior cruciate ligament reconstruction.  
Dept. of Sports Medicine and Orthopaedic Surgery, Toshiba General Hospital  Kentaro Takagi

03-73-3 Withdrawn

03-73-4 Incidence and risk factor of pulmonary embolism and deep vein thrombosis after arthroscopic surgery applied contrast enhanced CT  
Dept. of Orthop. Surg., Osaka City University Graduate School of Medicine, Osaka, Japan  Yohei Nishida

03-73-5 Relationships between cyclops lesion and tibial tunnel position after ACL reconstruction  
Department of Orthopaedic Surgery. Tokyo Teishin Hospital  Shin Sameshima

03-73-6 Breakage of the FlipCutter during anterior cruciate ligament reconstruction: a case report.  
Ohkubo Hospital, Tokyo Metropolitan Health and Medical Treatment Corporation  Hiroshi Mizuochi
O3-73-7 Periarticular Injection Versus Femoral Nerve Block for Pain Relief After Anterior Cruciate Ligament Reconstruction: A Randomized Controlled Trial

Department of Orthopaedic Surgery, Hyogo College of Medicine

Kenji Kurosaka

10:00 - 11:00 Oral 74 p.802-p.804

Knee: ACL Concomitant Injury and Reinjury

Moderator : Hiroya Sakai

O3-74-1 The influence of the waiting period before ACL reconstruction on the meniscal and cartilage damage in adolescence

Dept. Orthop. Surg., Yokohama Minami Kyousai Hospital, Yokohama, Japan

Riku Hayashi


Dept. of Orthopedics, Osaka University Graduate school of medicine

Gensuke Okamura

O3-74-3 Impacts of Meniscal Statuses and Surgical Procedures for Meniscus Injuries on One-year Clinical Outcomes after Single-bundle Anterior Cruciate Ligament Reconstruction -TMDU MAKS study-

Dept of Orthop. Surg, Tokyo Medical and Dental University, Tokyo, Japan / TMDU MAKS Study Group

Kei Inomata

O3-74-4 two-years clinical outcomes after double-bundle anterior cruciate ligament reconstructions among different statuses and procedures for meniscus injuries -TMDU MAKS study-

Dept. of Orthop. Surg, Tokyo Medical and Dental University, Tokyo, Japan

Takashi Hoshino

O3-74-5 combined revision anterior cruciate ligament reconstruction and anterolateral ligament reconstruction using allograft for anterior cruciate ligament re-tear : a report of two cases

Dept. of Orthop. Surg., Kitasato University School of Medicine

Yoshihisa Ohashi

O3-74-6 Relationship between preoperative duration and early graft rupture after anatomic ACL reconstruction with hamstring tendon grafts

Department of Sports Orthopedics, Osaka Rosai Hospital, Sakai, Japan

Yoshinari Tanaka

O3-74-7 Histological Evaluations of Non Anatomic Placed Graft at the Time of Revision Anterior Cruciate Ligament Reconstruction

Dept. of Orthop. Surg., Jichi Medical University

Satomi Ugawa

11:00 - 12:00 Oral 75 p.805-p.807

Knee: ACL Evaluation 3

Moderator : Tosiaki Takahashi

O3-75-1 Meniscal surgery with anterior cruciate ligament reconstruction effect recovery of knee proprioceptive function

Sports Medical Center, Hiroshima University Hospital, Hiroshima, Japan / Division of Rehabilitation, Department of Clinical Practice and Support, Hiroshima University Hospital, Hiroshima, Japan

Kazuhiko Hirata

O3-75-2 Knee Varus-Valgus Angle at Single Leg Forward Jump after Anterior Cruciate Ligament Reconstruction-Correlation with Isokinetic Knee Muscle Strength-

Division of Rehabilitation, Department of Clinical Practice and Support, Hiroshima University Hospital, Hiroshima, Japan / Sports Medical Center, Hiroshima University Hospital, Hiroshima, Japan

Makoto Asaeda
9th JOSKAS

Room 7 (2F 206)

9:00 - 10:00 Oral 76  p.808-p.810

Hip: FAI

Moderator : Takuma Yamasaki

O3-76-1  AllS impingement after osteochondoroplasty for cam-type FAI~Evaluation by simulation study~
Dept. of Orthop. Surg., Yokohama City University, Yokohama, Japan
Naomi Kobayashi

O3-76-2  The concordance rate of the location of uptake by positron emission tomography/computed tomography (PET/CT) and the impingement point by computer simulation in cam-type FAI.
Department of Orthopedic surgery, Odawara municipal hospital / Department of Orthopedic Surgery, Yokohama City University
Takayuki Oishi

O3-76-3  Osteoarthritis of Illo-sacral joint associated with Femoro-acetabular impingement
Dept. of Orthop. Surg., Sendai city hospital, Sendai, Japan
Moriyuki Noguchi

O3-76-4  Femoral neck anteverision of FAI cases
Dept. of Orthop. Surg., Sendai city hospital, Sendai, Japan
Moriyuki Noguchi

O3-76-5  Are Femoro-acetabular Impingement after Rotational Acetabular Osteotomy, the Tip of Iceberg?
Hanna Central Hospital Sports Arthroscopy Center
Tetsuji Ohmura

O3-76-6  A case of hip revision arthroscopy due to Cam lesion
Dept.of Orthop.Surg.,Jichi Medical University,Tochigi,Japan
Osamu Miyamoto

O3-76-7  Three cases of adolescent competing unicyclists with osteoarthritis of the hip joint
Dept. of Orthop. Surg., Hamamatsu University School of Medicine
Shoichi Nishikino
Knee: UKA 3

Moderator: Hiroshi Horiuchi

03-77-1 Mid-term results of obese patients after Unicompartmental Knee Arthroplasty
Department of Orthopaedic Surgery, Faculty of Medicine, Kagawa University, Kagawa, Japan
Shohei Kawakami

03-77-2 The influence of tibial slope angle on the range of motion after unicompartmental arthroplasty of the knee
Dept. of Orthop. Surg., University of Kagawa
Yoichi Ishibashi

03-77-3 Midterm results after deep-flexion unicompartmental knee arthroplasty
Dept. of Orthop. Surg., Kagawa Univ.
Masaki Mori

03-77-4 Outcome of UKA for the refractory medial meniscal lesion of the elderly patients.
Department of Orthopaedics, Kagawa University
Shingo Yoshitake

03-77-5 Postoperative Outcomes of UKA for Pre-operative Knee Extension Deficit.
Department of Orthopaedic Surgery, Tohoku University School of Medicine
Yasuhiro Sogi

03-77-6 The correlation between joint line and lower limb alignment in unicompartmental knee arthroplasty
Department of Orthopaedic Surgery, Kobe University Graduate School of Medicine
Koji Takayama

03-77-7 An initial experience of HLS Uni Evolution
Department of Orthopedic Surgery, Takatsuki General Hospital
Masanori Tsubosaka

11:00 - 12:00 Oral 78

Knee: UKA 4

Moderator: Tasuku Mashiba

03-78-1 Intra-Operative passive flexion kinematics of osteoarthritic knees before and after UKA
Dept. of Orthop. Surg., Hyogo College of Medicine, Nishinomiya, Japan
Takatoshi Morooka

03-78-2 Navigation based kinematics of unicompartmental knee arthroplasty
Dept. of Orthop. Surg., Hakodate Goryokaku Hospital
Kousuke Shiwaku

03-78-3 A rotational alignment of tibia component with unicompartmental knee arthroplasty
Dept of Orthop Surg, Hiroshima Prefectural Akitsu Hospital, Hiroshima, Japan
Tosihiko Goto

03-78-4 Examination of appropriately intraoperative gap balance in UKA
Dept. of Orthop. Surg., Kinki Univ
Shinji Inoue

03-78-5 Two cases of postoperative persistent pain caused by ligament tightness in knee flexion after unicompartmental knee arthroplasty
Dept. of Orthop Surg., Kindai University Faculty of Medicine, Osaka, Japan.
Shigeshi Mori

03-78-6 A case of Pseudomeniscus Impingement after Unicompartmental Knee Arthroplasty
Dept. of Orthop. surg., University of Oita, Oita, Japan
Yu Nagashima

03-78-7 Prosthetic joint infection after unicompartmental knee arthroplasty. A report of two cases.
Dept. of Orthop. Surg., University of Yamagata, Yamagata, Japan
Atsushi Narita
9th JOSKAS
第 9 回 日本関節鏡・膝・スポーツ整形外科学会

Room 8 (2F 207)

9:00 - 9:40 Oral 79  p.817-p.818

Shoulder: Rotator Cuff 3

Moderator: Masao Kurokawa

03-79-1 Recovery of Pre-operative Suprascapular Neuropathy after Arthroscopic Rotator Cuff Repair in Large to Massive Rotator Cuff Tear
Dept. of Orthop. Surg., Chiba University after Graduate School of Medicine, Chiba, Japan
Nobuyasu Ochiai

03-79-2 Relationship Between Clinical Outcome After Arthroscopic Rotator Cuff Repair and Histological Evidence of Degeneration of the Torn Rotator Cuff Tendon
Dept. of Orthop. Surg., Faculty of Life Sciences, Kumamoto University, Kumamoto, Japan
Takuya Tokunaga

03-79-3 Relationship between rotator cuff tear and grade of coracoacromial ligament degeneration
Department of Orthopaedic Surgery, Wajo Eniwa hospital / Department of Orthopaedic Surgery, Fukuoka University Faculty of Medicine
Satoshi Miyake

03-79-4 Comparison of Periarticular Multimodal Drug Injection and Brachial Nerve Block for Postoperative Pain Control in Arthroscopic Rotator Cuff Repair
Dept. of Orthop. Surg., University of Teikyo, Tokyo, Japan
Seikai Toyooka

03-79-5 Relationship between preoperative rehabilitation of ARC R and anxiety
Department of Rehabilitation, Fukuoka Shion Hospital of Fukuoka, Japan
Nobuya Harada

10:00 - 10:40 Oral 80  p.819-p.820

Shoulder: Throwing Injury

Moderator: Masafumi Hara

03-80-1 Stenosis rate of Subclavian artery in Thoracic Outlet Syndrome.
Keiyu Orthopaedic Hospital Sports Medical Center
Hiroshi Kusano

03-80-2 The relationship between shoulder internal rotation torque and mechanical work on knee joint of the stride leg
Fujita Orthopaedic & Sports Clinic
Tomoya Uchida

03-80-3 The Factor of Throwing Disorder Using Ultrasound in Baseball Players
Dept. of Orthop. Surg., Kobe University Graduate School of Medicine, Kobe, Japan
Takeshi Kataoka

03-80-4 Relationship between CAT/HFT and elasticity of posterior shoulder muscles
Dept. of Orthop. Surg., Kobe University, Kobe, Japan
Yutaka Mifune

03-80-5 Evaluation of the function of the hitting shoulder in male volleyball players
Dept. of Rehabilitation Medicine, Hirosaki University, Hirosaki, Japan
Kazutomo Miura

11:00 - 11:50 Oral 81  p.821-p.822

Shoulder: Trauma, Contracture and Pain Control

Moderator: Kohji Midorikawa

03-81-1 Radiological Bone Tunnel Enlargement after Arthroscopic Coracoclavicular Ligament Reconstruction for Acute Acromioclavicular Joint Separation
EAST HOKKAIDO HOSPITAL
Takeshi Makihara

03-81-2 Treatment of Craig type5 Distal Clavicle Fractures -The Key is Avulsion Fragment which Coracoclavicular Ligament Attached to.
Dept. of Orthop. Surg., Seirei Hamamatsu general hospital
Takaki Yoshimizu
03-81-3 **Arthroscopic Fixation for Displaced Greater Tuberosity Fracture**  
Kurashiki Central Hospital, Okayama, Japan  
Shunsuke Yamada

03-81-4 **Subchondral insufficiency fracture of the humeral head: A report of the two cases**  
Dept. of Orthop. Surg. School of medicine Fukuoka University  
Shizuhide Nakayama

03-81-5 **Clinical Outcomes of Arthroscopic Capsular Release and Manipulation in Shoulder Stiffness with and without Partial-thickness Rotator Cuff Tears**  
Dept. of Orthop. Surg., Osaka Medical College, Takatsuki, Japan  
Akihiko Hasegawa

03-81-6 **Comparative study of clinical symptoms of existing catheter and new catheter in Patient controlled interscalene analgesia**  
Department of Orthopaedic Surgery, Nagayoshi General Hospital  
Hayato Shimizu