

Saturday, February 22, Room 1

9 : 10~10 : 10 Debate Session 2 Which do you choose for TKA ? (1)		Moderators : Go OMORI, Yoshifumi NAMBA	
2-1-DB2-01	Surgical treatment of OA in middle-aged patients - High tibial osteotomy Dept. of Orthop. Surg., Tokyo Women's Medical Univ.	Umito KUWASHIMA, et al	.....329
2-1-DB2-02	Surgical treatment of OA in middle-aged patients - Unicompartmental knee arthroplasty Dept. of Orthop. Surg., Tokushima Univ.	Keizo WADA, et al	.....329
2-1-DB2-03	Ligament balance - Symmetric balance Dept. of Orthop. Surg., Tokyo Univ.	Hiroshi INUI, et al	.....330
2-1-DB2-04	Ligament balance - Asymmetric balance Dept. of Orthop., Tokushima Univ. Graduate School	Daisuke HAMADA, et al	.....330
10 : 20~11 : 20 Educational Lecture 4		Moderator : Hiroshi TSUMURA	
2-1-EL4-01	Total knee arthroplasty: A half century of history and proposals for the future - for physiological reconstruction of the knee - Dept. of Orthop. Surg., Kindai Univ.	Masao AKAGI	.....285
11 : 40~12 : 40 Luncheon Seminar 10		Moderator : Nobuhiro ABE	
2-1-LS10-01	In the Robotics & AI technology era, basic TKA technique is reviewed all-out first; CR primary to revision surgery Sonoda Joint Replacement Center Hospital	Kazutaka SUGIMOTO	.....298
Sponsored by Johnson & Johnson K. K.			
12 : 50~13 : 50 Invited Lecture 2		Moderator : Keishi MARUMO	
2-1-IL2-01	TKA- Surgical Technique, "Where are we Going?" Dept. of Orthopaedics, ISK Institute; NYU Langone Medical Center	W Norman SCOTT	.....281
14 : 20~15 : 20 Debate Session 3 Which do you choose for TKA ? (2)		Moderators : Hirotsugu MURATSU, Tasuku MASHIBA	
2-1-DB3-01	Installation and fixation - Cementless - Efficacy and limit of cementless TKA and UKA - Dept. of Orthop. Surg., Tokyo University/ The University of Tokyo Sports Scientific Initiative/ Iwai Orthopaedic Medical Hospital	Kohei KAWAGUCHI, et al	.....331
2-1-DB3-02	Installation and fixation - Cemented Dept. of Orthop. Surg., Osaka Rosai Hosp.	Shigeru NAKAGAWA	.....331
2-1-DB3-03	Alignment - Neutral alignment Dept. of Orthop. Surg., Kyoto Univ.	Shinichi KURIYAMA, et al	.....332
2-1-DB3-04	Alignment - Kinematic alignment Dept. of Orthop. Surg., Kobe Univ.	Tomoyuki MATSUMOTO, et al332

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Day 1 Feb. 21 (Fri)	15 : 40~17 : 10 Panel Discussion 3 TKA in the future Moderators : Takashi SATOH, Shuichi MATSUDA	
Day 2 Feb. 22 (Sat)	2-1-PD3-01	Application of the latest technology (artificial intelligence and robotic surgery) for total knee arthroplasty Dept. of Orhop. Surg., Niigata Univ. Tomoharu MOCHIZUKI, et al .....317
Room 1	2-1-PD3-02	Evolution of TKA to learn from long-term results case experience and innovation Sonoda Joint Replacement Center Hospital Kazutaka SUGIMOTO, et al .....318
Room 2	2-1-PD3-03	Anatomically Aligned Total Knee Arthroplasty: Update on Surgical Techniques and Clinical Results Dept. of Orthop. Surg., Keio Univ. Yasuo NIKI, et al .....318
Room 3	2-1-PD3-04	TKA in th Future -Next 50years? Issues to be achieved in the next 10years- Dept. of joint Recon., Ehime Univ/ Minamimatsuyama Hospital Kazunori HINO, et al .....319
Room 4	2-1-PD3-05	Unsolved issues and future perspectives in total knee arthroplasty Dept. of Orthop. Surg., Tokyo Women's Medical University Ken OKAZAKI, et al319
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9 : 10~10 : 14 Oral 50 UKA Surgical technique Moderator : Shusaku MATSUDA

- 2-2-OR50-01 Recutting can be reduced by predicting the amount of osteotomy ahead of the medial condyle of the tibia in UKA using preoperative CT
Dept. of Orthop. Surg., Hiroshima City Asa Citizens Hosp. Makoto NISHIMORI429
- 2-2-OR50-02 Referencing the substitute anteroposterior line of the tibia improves rotational alignment of the components in medial unicompartmental knee arthroplasty
Dept. of Orthop. Surg., Kinki Univ. Ichiro TSUKAMOTO, et al429
- 2-2-OR50-03 The References of Frontal Osteotomy in Medial Unicompartmental Knee Arthroplasty - Toward the Constitutional Varus Angle of the Tibia Articular Surface in Japanese Patients
Dept. of Orthop. Surg., Ogikubo Hospital Ichiro MORIYAMA429
- 2-2-OR50-04 Relationship between postoperative lower limb alignment after medial unicompartmental knee arthroplasty and anatomical limb parameters
Dept. of Orthop and Rheumatol., Kindai Nara Hosp Shigeshi MORI, et al429
- 2-2-OR50-05 The effect of preoperative varus alignment on intraoperative gap in unicompartmental knee arthroplasty
Department of Orthopaedic Surgery,
Kobe University Graduate School of Medicine Koji TAKAYAMA, et al430
- 2-2-OR50-06 Relationship between tibia sagittal cutting and patella tendon in lateral unicompartmental knee arthroplasty
Dept. of Orthop. Surgery. and Joint Surgery. Centre, Takatsuki
General Hospital Daiya KITAZAWA, et al430
- 2-2-OR50-07 Is there a learning curve for the use of portable navigation in unicompartmental arthroplasty?
Osaka City General Hospital Yoshio MATSUI, et al430
- 2-2-OR50-08 Accuracy of posterior slope of the tibial implant in unicompartmental knee arthroplasty. A comparison of image-free navigation and conventional methods
Dept. of Orthop. Surg.
Kokonoura Rehabilitation Center attached Hospital Nobuyuki MIYAZAKI, et al430

10 : 20~11 : 20 Educational Lecture 5 Moderator : Shinroh TAKAI

- 2-2-EL5-01 Report on Patent Application Trends in Artificial Joints Field
JAPAN PATENT OFFICE Patent Examination Department
(Mechanical Technology) Medical Device Division
(Surgical and Therapeutic Device Sub-Division) Sho-ji YASUDA286
- 2-2-EL5-02 Mechanical engineering for development of artificial joint
Faculty of Advanced Science and Technology,
Kumamoto Univ. Yoshitaka NAKANISHI, et al286

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11 : 40~12 : 40 Luncheon Seminar 11		Moderator : Shinro TAKAI
2-2-LS11-01	Proposals of TKA suitable for Asian populations based on bone morphology and kinematics Dept. of Orthop Biomaterial Sci., Osaka Univ.	Tetsuya TOMITA299
2-2-LS11-02	Future Knee; Asian Specific Posterior Stabilized Knee Prosthesis Based on Asian Morphology Dept. of Orthop. Surg., Nihon Univ.	Keinosuke RYU .....299 Sponsored by TEIJIN NAKASHIMA MEDICAL CO., LTD.
12 : 50~13 : 50 Educational Lecture 6		Moderator : Satoru OZEKI
2-2-EL6-01	Total ankle arthroplasty: A half century of history and proposals for the future Dept. of Orthop. Surg., Nara Medical Univ.	Yasuhito TANAKA .....287
14 : 00~15 : 30 Symposium 4 Future perspectives for total ankle arthroplasty		Moderators : Yasuhito TANAKA, Satoru OZEKI
2-2-SY4-01	Clinical performance of the TNK ankle [®] and prospects for the future Dept. of Orthop. Surg., Nara Medical Univ.	Akira TANIGUCHI, et al .....340
2-2-SY4-02	Clinical results of TNK ankle and Combined TAA Dept. of Orthop. Surg., Kobe Univ. School of Medicine	Noriyuki KANZAKI, et al .....341
2-2-SY4-03	The results of TAA with FINE total ankle -comparative analysis in osteoarthritis and rheumatoid arthritis- Dept. of Orthop. Surg., Kyoto Univ.	Hiromu ITO, et al .....341
2-2-SY4-04	Essence of biomechanics and condition of ankle joint for ideal total joint prosthesis Dept. of Orthop. Surg., Osaka Univ.	Makoto HIRAO, et al .....342
2-2-SY4-05	Design Rationale and Clinical Outcomes of Transfibular Total Ankle Replacement System First Dept. of Orthop. Surg., Dokkyo Medical Univ. Saitama Medical Center	Yuki TOCHIGI .....342
15 : 40~16 : 20 Oral 51 UKA Outcome 2		Moderator : Sho AKIZUKI
2-2-OR51-01	The rotational alignment and coverage of the femoral and tibial component for lateral unicompartmental knee arthroplasty Fukuoka Orthopaedic Hospital	Fuyuki TOMINAGA, et al .....431
2-2-OR51-02	Influence of tibial component rotation on clinical outcomes in lateral unicompartmental knee arthroplasty Dept. of Orthop. Surg., Kobe Univ. Graduate School of Medicine/ Dept. of Orthop. Surg. and Joint Surg. Centre, Takatsuki General Hospital	Masahiro FUJITA, et al .....431
2-2-OR51-03	Correlation between PF degeneration and clinical result of UKA Dept. of Orthop. Surg., Niigata Central Hosp.	Munenori MATSUEDA, et al .....431

2-2-OR51-04	Minimum 5-year results of modular unlinked bicompartamental knee arthroplasty (BiKA) for medial and patellofemoral arthritis Hakodate Orthopedics Clinic Yasumitsu OHKOSHI, et al .....431
2-2-OR51-05	Mid-term results of bicompartamental knee arthroplasty Dept. of Orthop. Surg., Kagawa Univ. Masaki MORI, et al .....432
16 : 25~17 : 05 Oral 52 UKA Outcome 3 Moderator : Hiroshi INUI	
2-2-OR52-01	Short-term results of cementless Oxford UKA Osaka National Hospital Takashi MIYAMOTO, et al .....432
2-2-OR52-02	Radiographical evaluation of Oxford mobile-bearing UKA using cementless components Dept. of Orthop. Surg., Anshin Hosp. Shingo NITTA, et al .....432
2-2-OR52-03	A relationship between fracture after cementless Oxford UKA and tibial morthology - a multicentre study- Dept. of Orthop. Surg. and Joint Surg. Centre, Takatsuki General Hospital Takafumi HIRANAKA, et al .....432
2-2-OR52-04	Relationship between placement angle of tibial component and postoperative deviation in Cementless Oxford UKA Dept. of Orthop. Surg., Higashisumiyoshi Morimoto Hosp. Hirotaka FUKUSHIMA, et al .....433
2-2-OR52-05	Examination of clinical results in subsidence cases of cementless Oxford UKA Dept. of Orthop., Hamamatsu redcross Hosp. Ryosuke FURUHASHI, et al433

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9 : 10~10 : 40 Symposium 5 Pitfalls in perioperative management for arthroplasty
Moderators : Masahiko IKEUCHI, Akio KOBAYASHI

- 2-3-SY5-01 Management of comorbidities in prosthetic joint replacement
Dept. of Orthop. Surg., Kyoto Univ. Kohei NISHITANI, et al343
- 2-3-SY5-02 Wound closure and management after TKA
Dept. of Orthop. Surge., Wajo Eniwa Hosp. Shoichi KIMURA, et al343
- 2-3-SY5-03 Perioperative pain management in Total Joint Arthroplasties
Dept. of Orthopedic Surgery,
Osaka City University Graduate School of Medicine Ryo SUGAMA, et al344
- 2-3-SY5-04 Management of Postoperative Blood Loss in Total Knee Arthroplasty
Dept. of Orthop. Surg., Kobe Kaisei Hosp. Kazunari ISHIDA, et al344
- 2-3-SY5-05 Incidence and risk factors for postoperative delirium after THA and TKA
Dept. of Orthop. Surg., Hyogo college of medicine Ryo IWAKURA, et al345
- 2-3-SY5-06 Current thromboprophylaxis after total joint arthroplasty
Dept. of Orthop. Surg., Takarazuka Daiichi Hosp. Satoru FUJITA345

10 : 50~11 : 30 Oral 53 THA Pain etc. Moderator : Toshiki IWASE

- 2-3-OR53-01 The effect of Using Intravenous low dose Dexamethasone for Patients Undergoing Total Hip Arthroplasty
Dept. of Orthop. Surg., Osaka Rosai Hosp. Junichiro KOYANAGI, et al433
- 2-3-OR53-02 Pain management after total hip arthroplasty by multimodal local periarticular injection
Dept. of Orthop. Surg., Fukuoka kinen Hospital Shohei MIYASHITA, et al433
- 2-3-OR53-03 Evaluation of chronic pain in patients with stable total hip arthroplasty
Dept. of Orthop. Surg., Hirosaki Univ. Yoshifumi HARADA, et al434
- 2-3-OR53-04 Does Alteration of Anesthetic Management Reduce the Postoperative Pain And Nausea Following Primary Total Hip Arthroplasty?
Dept. of Orthop. Surg., Matsudo City General Hospital Yosuke IKEDA, et al434
- 2-3-OR53-05 Revision to A new clinical pathway common among 4 hospitals
Orthop. Surg., Saiseikai Kumamoto Hospital Masashi KAMIKAWA, et al434

11 : 40~12 : 40 Luncheon Seminar 12 Moderator : Yasuharu NAKASHIMA

- 2-3-LS12-01 The up-to-date information for pathophysiology and pain treatment in osteoarthritis of the knee
Juntendo University Graduate School of Medicine Muneaki ISHIJIMA300
- Sponsored by Pfizer Japan Inc./Eli Lilly Japan K.K.

12 : 50~13 : 50 Educational Lecture 7		Moderator : Norimasa IWASAKI
2-3-EL7-01	Total wrist arthroplasty: A half century of history and proposals for the future Japan Organization of Occupational Health and Safety Hokkaido Spinal Cord Injury Center	Akio MINAMI, et al .....287
14 : 00~15 : 30 Symposium 6 Infection control for arthroplasty		Moderators : Hiroshi HORIUCHI, Yutaka INABA
2-3-SY6-01	The Japanese database of SSI following arthroplasty and spinal instrumentation surgery, now and future Dept. of Orthop. Surg., Kanto Rosai Hospital	Koji YAMADA, et al .....346
2-3-SY6-02	Considering surgical environment for prevention of periprosthetic joint infection Dept. of Orthop. Surg., Tokyo Medical Univ.	Toshiyuki TATEIWA, et al .....346
2-3-SY6-03	Periprosthetic joint infection considering from microbiological culture Dept. of Orthop. Surg., Yokohama City University Medical Center	Naomi KOBAYASHI, et al .....347
2-3-SY6-04	Proper use of antibiotics for prevention of prosthetic joint infection Dept. of Orthop. Surg., Kawasaki Municipal Tama Hosp.	Kazuhiko MATSUSHITA, et al .....347
2-3-SY6-05	Periprosthetic joint infection after total knee arthroplasty treated with direct intraarticular antibiotic infusion with implant retention Dept. of Bone and Joint Surg., Ehime Univ. Graduate School of Medicine.	Tatsuhiko KUTSUNA, et al .....348
15 : 40~17 : 10 Symposium 7 Rehabilitation for patients - Kinematical theory and advanced therapy for early recovery -		Moderators : Hiroshi HAGINO, Toshikazu KUBO
2-3-SY7-01	Rehabilitation for shoulder arthroplasty (total shoulder arthroplasty and reverse total shoulder arthroplasty) Dept. of Orthop. Surg., Nippon Kokan Fukuyama Hospital	Hisayoshi KATO, et al .....348
2-3-SY7-02	The rehabilitation after total hip arthroplasty Dept. of Orthop. Surg., Shiroishi Kyoritsu Hosp	Masaru KITAJIMA, et al .....349
2-3-SY7-03	Postoperative Rehabilitation after Total Knee Arthroplasty Dept. of Orthop. Surg., Fujita Health Univ.	Kazue HAYAKAWA, et al .....349
2-3-SY7-04	A point of view from the rehabilitation medicine specialists for rehabilitation therapy after replacement arthroplasty Dept. of Rehabilitation Medicine, Chiba Rehabilitation Center	Naohisa KIKUCHI .....350
2-3-SY7-05	Knee extension training with a single-joint hybrid assistive limb during the early postoperative period after total knee arthroplasty Division of Regenerative Medicine for Musculoskeletal System, Univ of Tsukuba/ Dept. of Orthop. Surg., Univ of Tsukuba.	Tomokazu YOSHIOKA, et al350

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8 : 00~9 : 00 Morning Seminar 1 Moderator : Satoshi HAMAI

2-4-MS1-01 Basic knowledge to reduce outliers and postoperative pain in total knee arthroplasty
 Morooka Orthop. Hosp. Takaaki MOROOKA308
 Sponsored by DAIICHI SANKYO COMPANY, LIMITED

9 : 10~9 : 58 Oral 54 Imaging assessment for THA 1 Moderator : Motoki SONOHATA

2-4-OR54-01 Relationships between reconstructed joint position and hip abductor strength in THA
 with similar femoral offset ratio
 Keijinkai Kawasaki Hospital/
 Dept. of Orthop. Surg., Fukuoka Medical Univ. Shoshiro OKUBO, et al434

2-4-OR54-02 Adjustment of the anteversion in taper wedged stem
 Tohoku Hip Joint Center, Matsuda Hosp. Yasuhiro NAKAMURA, et al435

2-4-OR54-03 Accuracy of cementless stem-implantation with the neck-height gauge
 Dept. of Orthop. Surg., Iizuka Hosp Masashi YAMANA, et al435

2-4-OR54-04 Preoperative anatomical leg length discrepancy is significantly different from patients'
 perception of the leg length discrepancy
 Dept. of Orthop Surg, Nagoya Univ. Genta TAKEMOTO, et al435

2-4-OR54-05 Presence of the posteromedial osteophyte of femoral head influence the postoperative
 femoral rotation in total hip arthroplasty
 Dept. of Orthop. Surg., Jyuzen Memorial Hospital Hiroshi KOYAMA, et al435

2-4-OR54-06 The effect of patellofemoral alignment by stem detorsion in THA
 Dept. of Orthop. Surg., Nisinomiya Kaisei Hospital. Makoto KANTO, et al436

10 : 00~10 : 48 Oral 55 Imaging assessment for THA 2 Moderator : Masaki TAKAO

2-4-OR55-01 Interobserver and Intraobserver Reliability of Three-Dimensional Postoperative
 Evaluation Software in Total Hip Arthroplasty
 Dept. of Orthop. Surg., Chiba Univ. Kenta KONNO, et al436

2-4-OR55-02 Relationships Among High Hip Center, ROM and Anteversion of Stems
 Dept. of Orthop. Surg., Marunouchi Hospital. Masashi NAWATA, et al436

2-4-OR55-03 A study of the factor which defines the rotational ROM after total hip arthroplasty
 Joint Surg. Center, Chiba Medical Center, NHO Isao ABE, et al436

2-4-OR55-04 Does 3D preoperative planning soft make it possible to prevent the implant to implant
 impingement after total hip arthroplasty ?
 Dept. of Orthop. Surg., Tominaga-Kusano Hosp. Tomoyuki ITO, et al437

2-4-OR55-05 Is the distance from the tear drops to the greater trochanter useful for the surgical
 strategy of sublux hip arthritis?
 Dept. of Orthop. Surg., Nagoya Medical Univ. Yusuke OSAWA, et al437

2-4-OR55-06 Measurement of offset after total hip arthroplasty using X-ray and 3D analysis software
Dept. of Orthop. Surg., Mie Univ. Shine TONE, et al437

10 : 50~11 : 30 Oral 56 THA Bleeding

Moderator : Hirohiko TOKUNAGA

2-4-OR56-01 A comparison of combined intravenous and topical administration of tranexamic acid with intravenous tranexamic acid for blood loss reduction after simultaneous bilateral total hip arthroplasty

Dept. of Orthop. Surg., Hanwa Daini Senboku Hospital/
Dept. of Orthop. Surg., Hokusukai Kinen Hospital. Kenji KUROSAKA, et al437

2-4-OR56-02 Tranexamic acid reduce hospital stay after total hip arthroplasty
Dept. of Orthop. Surg., Konan Kosei Hosp. Masanori OKAMOTO, et al438

2-4-OR56-03 Intra-Articular Tranexamic Acid Injection During the Bipolar Hip Arthroplasty in Elderly Femoral Neck Fracture Patient
Dept. of Orthop Surg., Toyota Memorial Hosp. Kazuki YOSHIDA, et al438

2-4-OR56-04 Effects of Tranexamic Acid in Total Hip Arthroplasty
Dept. of Orthop. Surg., Keio University Taro UMEZU, et al438

2-4-OR56-05 Tranexamic acid reduces intraoperative and postoperative bleeding in total hip replacements
Dept. of Joint Replacement Center,
National Hospital Organization Tokyo Medical/
Department of Orthopaedics,
National Hospital Organization Tokyo Medical Center Takahiro KAMEDA, et al438

11 : 40~12 : 40 Luncheon Seminar 13

Moderator : Masashi NAWATA

2-4-LS13-01 Efficacy of asymmetric design (KR type) TKA aiming at normal knee kinematics
Sapporo Hospital Tatsuya IGARASHI300
Sponsored by Lima Japan K.K.

14 : 00~14 : 48 Oral 57 TKA Complication 2

Moderator : Kazue HAYAKAWA

2-4-OR57-01 Examination of Bone Density Change after Total Knee Arthroplasty
Dept. of Orthop. Surg., Shinbeppu Hosp. Takahiro NOGUCHI, et al439

2-4-OR57-02 The Study for Osteoporosis in Osteoarthritis of the Knee
Joint Replacement Center, Ogori Daiichi General Hospital Kazuhiro YAMAZAKI, et al439

2-4-OR57-03 Can periarticular osteophyte formation predict the incidence of total knee arthroplasty in patients with rheumatoid arthritis?
Dept. of Orthop. Surg., Nagoya Univ. Shuji ASAI, et al439

2-4-OR57-04 Calcaneal stress fractures after ipsilateral total knee arthroplasty
Nagoya Joint Replacement Orthopaedic Clinic Michitaka KATO, et al439

2-4-OR57-05 Double plating for Supracondylar Fractures of the Distal after Total Knee Arthroplasty
Sankokai Takai Hospital Tatsuya TAMAKI, et al440

2-4-OR57-06 Intraoperative fracture during primary total knee arthroplasty
Joint Replacement Center, Ogori Daiichi General Hosp. Hiroshi FUJII, et al440

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Day 2 Feb. 22 (Sat)	2-4-OR58-01 The Impact of Diabetes Mellitus on Patient Outcomes After Total Knee Arthroplasty Dept. of Orthop. Surg., Kyoto Univ./ Dept. of Orthop. Surg., Seirei Mikatahara General Hospital.	Kazuaki FUJITA, et al440
Room 1	2-4-OR58-02 Does cocktail injection with steroid increase postoperative blood glucose level? Dept. of Orthop. Surg., Japan Community Health care Organization Saitama Medical center	Katsuya NAGAI, et al .....440
Room 2	2-4-OR58-03 Survey of Chronic Kidney Disease in the Patients of Kee Arthroplasty Dept. of Orthop. Surg., Wajo-kai Sapporo Hosp.	Hidetoshi HAMAGUCHI, et al .....441
Room 3	2-4-OR58-04 Risk Factors for Development of Sleep Disorder After Arthroplasty KAWASAKI Hosp.	Atsushi FUKUMOTO, et al .....441
Room 4	2-4-OR58-05 Vibration Property of Stems: a Possibility of Resonance-induced Periprosthetic Femoral Fracture Dept. of Orthop. Surg., Toranomon Hosp.	Yukari WATANABE, et al .....441
Room 5	2-4-OR58-06 Prediction of walking ability acquisition at 2 weeks after total knee arthroplasty in late elderly using artificial intelligence (AI) Dept. of Rehabilitation, Yamaguchi Prefectural Grand Medical Center	Shinya MATSUSHITA, et al .....441
15 : 50~16 : 46 Oral 59 TKA PF joint		Moderator : Masahiko KOBAYASHI
Room 6	2-4-OR59-01 Anatomical analysis of the patellar resection surface in total knee arthroplasty Dept. of Orthop. Surg., Kyusyu Univ.	Ryosuke TSURUI, et al .....442
Room 7	2-4-OR59-02 Selective patellar resurfacing in total knee arthroplasty, a prospective study Dept. of Orthop. Surg., Ogikubo Hospital	Ichiro MORIYAMA .....442
Room 8	2-4-OR59-03 Patellar Tilt Angle after Mobile Bearing Total Knee Arthroplasty with Modified Gap Technique Dept. of Orthop. Surg., Nishinomiya Watanabe Hospital	Kenji FUKUNAGA, et al .....442
Room 9	2-4-OR59-04 Relationship of long-term clinical outcomes and patella baja with infrapatellar fat pad resection in TKA Dept. of Orthop. Surg., Prefectural Akitsu Hosp.	Toshihiko GOTO, et al .....442
Room 10	2-4-OR59-05 Comaparison in clinical outcome of primary TKA between Vanguard RP and PSRP Department of Orthopedic Surgery, Gifu University Medical School	Daiki USUI, et al .....443
Room 11	2-4-OR59-06 Examination of PF joint in TKA with patellar Retention using Vanguard ROCC Rotating Platform Knee Nihonkai General Hospital	Hirobumi SUGAWARA, et al .....443
Room 12	2-4-OR59-07 Non-resurfaced patella alignment of CS mobile-bearing total knee arthroplasty. - Vanguard ROCC vs LCS- Dept. of Orthop. Surg., Tokyo Women's Medical Univ.	Masafumi ITOH, et al443
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8 : 00~9 : 00		Morning Seminar 2	Moderator : Shohei WATABE
2-5-MS2-01	The mechanisms of joint destruction and recent topics of foot and ankle surgery in rheumatoid arthritis	Dept. of Musculoskeletal Regenerative Medicine, Osaka Univ.	Kosuke EBINA, et al308
Sponsored by CHUGAI PHARMACEUTICAL CO., LTD.			
9 : 10~10 : 06		Oral 60 TKA Outcome 1	Moderator : Shigenobu FUKUSHIMA
2-5-OR60-01	The long-term results of NexGen LPS-Flex System total knee arthroplasty	Dept. of Orthop. Surg., Mie Prefectural General Medical Ctr.	Tetsuya HATTORI, et al .....443
2-5-OR60-02	Midium long term result of LFA ceramic TKA	Dept. of Orthop. Surg., Dokkyo Medical Univ. Saitama Medical center	Yoko MASUDA .....444
2-5-OR60-03	Long-Term clinical outcomes of total knee arthroplasty after high tibial osteotomy	Fukuoka Sanno Hosp.	Kazuhiko SAEKI, et al .....444
2-5-OR60-04	Long-term results following cruciate retaining total knee arthroplasty without patellar resurfacing	Funabashi Orthopaedic Hospital	Taishi NINOMIYA, et al .....444
2-5-OR60-05	Assessment of spinopelvic alignment after total knee arthroplasty	Dept. of Orthop. Surg., Kobe Rosai Hospital	Hiroshi SASAKI, et al .....444
2-5-OR60-06	Investigation of the effect of anterior cruciate ligament dissection using patient reported outcomes after Cruciate Ligament-Retaining total knee arthroplasty	Dept. of Orthop. Surg., Tokushima Municipal Hospital	Shinji YOSHIOKA, et al .....445
2-5-OR60-07	The morphology of patella tendon after TKA and relation between knee flexion angle after TKA -evaluation by MRI-	Dept. of Orthop. Surg., Tokyo Women's Medical Univ.	Masafumi ITOH, et al .....445
10 : 20~11 : 24		Oral 61 TKA Outcome 2	Moderator : Yoshikazu TSUNEIZUMI
2-5-OR61-01	The effect of ligament balance for clinical results in TKA is depends on limb alignment	Dept. of Orthop. Surg., Shiga University of Medical Science	Mitsuhiko KUBO, et al .....445
2-5-OR61-02	Comparison of clinical outcomes after TKA between OA and RA using New Knee Society Score	Dept. of Orthop. Surg., Kyoto Univ.	Kohei NISHITANI, et al .....445
2-5-OR61-03	Self-reported knee instability after total knee arthroplasty affects Forgotten Joint Score-12 and satisfaction in daily living activity	Dept. of Orthop. Surg. Osaka City Univ. Grad. Sch. of Med.	Susumu TAKEMURA, et al .....446
2-5-OR61-04	Relationship between ADL and pain, catastrophic thinking three months after total knee replacement	Dept. of Rehabilitation Shimada Hosp.	Sae NISHINO, et al446

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Room 11	2-5-OR62-06	Changes in Length of Patellar Tendon After Total Knee Arthroplasty Do Not Correlate With Mid-to-long-term Clinical Outcome: prospective quasi-randomized study	Dept. of Orthop. Surg., Hidaka Hospital/ Dept. of Orthop. Surg., Gunma Univ.	Satoshi NONAKA, et al448
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- 2-5-OR62-08 Patellar resurfacing is not necessary for posterior-stabilized total knee arthroplasty: prospective randomized study
2nd Dept. of Orthop. Surg., Dokkyo Medical Univ. Saitama Medical Center/
Dept. of Orthop. Surg., Tokyo Medical and Dental Univ. Ryusuke SAITO, et al449

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- 2-5-OR63-01 Analysis for sports activity after Total knee arthroplasty
Dept. of Orthop. Surg. Kohka Public Hospital/
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- 2-5-OR63-02 A presentation of high impact sports after CR-TKA
Daiyukai General Hospital Arthroplasty Center Kunio NAKANE, et al449
- 2-5-OR63-03 The effect of kinematics for clinical results after TKA
Dept. of Orthop. Surg., Shiga University of Medical Science Mitsuhiko KUBO, et al450
- 2-5-OR63-04 clinical result and implant design in total knee arthroplasty
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- 2-5-OR63-05 Influence of coronal knee alignment on the joint stability after cruciate retaining total knee arthroplasty
Steel Memorial Hirohata Hospital Yoshihito SUDA, et al450
- 2-5-OR63-06 Comparison of the short-term clinical results between CR-type TKA and PS-type TKA using Attune
Wajo Eniwa hospital Noriaki MORI, et al450
- 2-5-OR63-07 Short term result of kinematic retaining total knee arthroplasty
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- 2-5-OR64-02 Improvement of muscle strength after reverse total shoulder arthroplasty
Dept. of Orthop. Surg., Yamagata Univ. Faculty of Medicine Issei YUKI, et al451
- 2-5-OR64-03 Clinical outcomes of reverse total shoulder arthroplasty with and without subscapularis repair
Dept. of Orthop. Surg., Shin-Suma General Hosp. Takeshi KOKUBU, et al451
- 2-5-OR64-04 Reverse shoulder arthroplasty with pectoralis major or latissimus dorsi anterior transfer in patients with anterosuperior three tendon tear of rotator cuff could provide same outcomes as subscapularis transfer
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- 2-5-OR64-05 Does radiographic markers affect postoperative muscle strength in reverse shoulder arthroplasty?
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Dept. of Orthop. Surg., Tokyo Women Medical Univ. Haruki TOBIMATSU, et al456

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Funabashi Orthopaedic Hospital Nobuhiko SUMIYOSHI, et al456

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- 2-6-OR69-03 Factors affecting the flexion contracture after TKA -Importance of the maximum knee extension angle under anesthesia immediately after surgery-
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- 2-6-OR69-04 Factors affecting the final knee extension angle of the knees demonstrating the insufficient maximum extension angle under anesthesia immediately after TKA
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- 2-6-OR69-05 THE influence of intraoperative knee maximum extension angle for postoperative extension angle after total knee arthroplasty
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- 2-6-OR69-06 Extension range of motion after total knee arthroplasty -comparison of pre- and post-operative factors between complete extension and extension restrictions-
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- 2-6-OR70-02 The relationship between tibial component rotation angle and postoperative knee range of motion for medial pivot type total knee arthroplasty
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- 2-6-OR70-03 Relationship between Early Recovery of Knee Function and Postoperative Range of Motion in Total Knee Arthroplasty
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Kasugai Municipal Hosp., Aichi, Japan Masaki SHIMAMOTO, et al461
- 2-6-OR70-04 The effect of patella cutting thickness on knee flexion angle in total knee arthroplasty
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2-7-OR72-02	Impact on non-operative knee after unilateral knee replacement in patients with bilateral knee osteoarthritis Dept. of Orthop. Surg., Kyoto Univ.	Mutsumi WATANABE, et al463
2-7-OR72-03	Comparison of foot pressure during walking and standing between kinematically aligned and mechanically aligned total knee arthroplasty Dept. of Orthop. Surg., Kobe Univ.	Tomoyuki KAMENAGA, et al463
2-7-OR72-04	Assessing the Accuracy of Bone Resection in Total Knee Arthroplasty Using a MRI-based Patient Specific Instrumentation Graduate School of Orthop. Surg., Kyoto Univ.	Kengo ABE, et al464
2-7-OR72-05	The Gait Analysis of the Rotating Hinge knee in Revision TKA in Initial of Stance Phase Section Sports Medicine Clinical Center, Tokyo Medical and Dental Univ./ Tokyo Metropolitan Univ.	Takehiro OHMI, et al464
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- 2-8-OR79-05 Daptomycin for the treatment of Gram-positive periprosthetic hip infections
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Osaka Rosai Hospital Shigeru NAKAGAWA

Nishinomiya Watanabe Hospital Joint Reconstruction Center Shinichi FUKUOKA

Kashiba Asahigaoka Hospital Tadashi FUJII

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2-12-OR94-06 Mid-to-long term results of primary hybrid THA in our institution

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2-12-OR95-01 Correlation between preoperative medication and postoperative JHEQ in total hip arthroplasty

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PS57-03	Outcome of Total Knee Arthroplasty After Treatment for Septic Arthritis of the Knee Dept. of Orthop. Surg., Univ. of Toyama	Makiko NOGAMI, et al587
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PS58-02	Two cases of single-stage exchange arthroplasty of chronic periprosthetic knee infection Dept. of Orthop. Surg., Kimitsu Chuo Hospital	Makoto OTSUKA, et al588
PS58-03	A case of revision arthroplasty using Synovasure for infection after total knee arthroplasty Dept. of Orthop. Surg., Mie Chuo Medical Center	Hisatsugu TAKAGITA, et al588
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PS59-03	Early term result of Persona TKA using with Knee Align 2 Ortho. Surg., Kohsei Chuo General Hospital	Satoshi MIYAMOTO, et al589
PS59-04	Total knee arthroplasty assisted by Stryker CT-free precisioN Knee Navigation System Dept. of Orthop. Surg., Sumitomo Hosp.	Kosuke TSUDA, et al590
PS59-05	The Evaluation of Intraoperative Kinematic of PS-mobile TKA Using Imageless Navigation System Nanpuh Hospital	Hideyuki KAWABATA, et al590
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PS65-07 Short-term results of TKA: A comparison between Persona PS and Persona MC
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