

Program of the 48th Annual Meeting of the Japanese Society for Replacement Arthroplasty

Friday, February 23, Room 1

8 : 10 ~ 9 : 40 Symposium 1 Aligment in TKA

Moderators : Tokifumi MAJIMA, Ken OKAZAKI

- | | | | |
|-----------|---|---------------------------------|--------|
| 1-1-SY1-1 | Postoperative alignment affect patient satisfaction after TKA
Dept. of Orthop. Surg., Kyushu Univ. | Hideki MIZU-UCHI, et al.....269 | Room 1 |
| 1-1-SY1-2 | In vivo three dimensional kinematics during stair activity in PS total knee arthroplasty
Dept. of Orthop. Biomaterial Science, Osaka Univ. | Tetsuya TOMITA, et al.....269 | Room 2 |
| 1-1-SY1-3 | Rotatory Instability in Total Knee Arthroplasty
-the influence of release or resection of ligaments-
Dept. of Orthop. Surg., Nippon Medical School | Norishige IIZAWA, et al.....270 | Room 3 |
| 1-1-SY1-4 | Three-dimensional alignment of surgical epicondylar axis
and geometries of femoral articular surfaces in elderly normal subjects
Dept. of Orhtop. Surg., Niigata Medical Center | Takashi SATO, et al.....270 | Room 4 |
| 1-1-SY1-5 | Anatomically aligned total knee arthroplasty: what is optimal alignment
for Japanese population
Dept. of Orthop. Surg., Keio Univ. | Yasuo NIKI, et al.....271 | Room 5 |

9 : 50 ~ 11 : 20 Symposium 2 Character & selection of reverse total shoulder

Moderators : Kazuya TAMAI, Shinji IMAI

- | | | | |
|-----------|---|-----------------------------------|-------------|
| 1-1-SY2-1 | Grammont Type Reverse Shoulder Arthroplasty: Early Results and Concerns
Sports Medicine & Joint Center, Funabashi Orthop. Hosp. | Hiroyuki SUGAYA, et al.....271 | Room 6 |
| 1-1-SY2-2 | Characteristics and Clinical Outcomes of TM Reverse Shoulder System
Dept. of Orthop. Surg., Nippon Medical
School Chiba Hokusoh Hospital | Hiroshi HASHIGUCHI, et al.....272 | Room 7 |
| 1-1-SY2-3 | Short-term Outcomes of SMR Reverse Total Shoulder Arthroplasty
Dept. of Orthop. Surg., Toho Univ. Sch. of Med. | Hiroyasu IKEGAMI, et al.....272 | Room 8 |
| 1-1-SY2-4 | Short-term clinical outcome of DeltaXtend: Pros and cons
in using Grammont type RSA
Dept. of Orthop. Surg., Fukui General Hospital | Kotaro YAMAKADO.....273 | Room 9 |
| 1-1-SY2-5 | Characteristics and Selection of Model in Reverse Shoulder Arthroplasty.
Zimmer-Biomet Comprehensive Reverse Shoulder System
Dept. of Orthop. Surg., Fukuoka University Chikushi Hospital | Yozo SHIBATA.....273 | Poster Room |
| 1-1-SY2-6 | Is patient specific instrument (PSI) actually useful?
Dept. of Orthop. Surg., Gunma Univ. Graduate School of Medicine | Tsuyoshi ICHINOSE, et al.....274 | |

Day 1
Feb.23(Fri)

Day 2
Feb.24(Sat)

Room 1

Room 2

Room 3

Room 4

Room 5

Room 6

Room 7

Room 8

Room 9

Poster Room

Day 1 Feb.23(Fri)	11 : 35 ~ 12 : 40 Luncheon seminar 1	Moderator : Norimasa IWASAKI
Day 2 Feb.24(Sat)	1-1-LS1-1 Efficacy of Duloxetine for Knee Osteoarthritis and Prolonged Pain after Total Knee Arthroplasty	Dept. of Orthop. Surg., Bange Kosei General Hospital Tadashi KIKUCHI.....249 Sponsored by SHIONOGI & CO., LTD./ Eli Lilly Japan K.K.
Room 1	13 : 50 ~ 14 : 50 Educational Lecture 1 Knacks & pitfall of TKA	Moderator : Kengo YAMAMOTO
Room 1	1-1-EL1-1 Lessons through bitter experience of THA	Kansai Medical Univ. Medical Center Hirokazu IIDA.....241
Room 2	1-1-EL1-2 Learning from the TKA became nightmare	Dept. of Orthop. Surg., Kaguchikogyo General Hosp. Akiho HOSHINO.....241
Room 3	15 : 00 ~ 16 : 05 Afternoon seminar 1	Moderator : Shuichi MATSUDA
Room 4	1-1-AS1-1 In Vivo Kinematic Analysis of Normal Knee and Bicruciate Preserving Arthroplasty	Dept. of Orthop. Biomaterial Sci. Osaka Univ. Graduate School of Medicine Tetsuya TOMITA, et al.....261 Sponsored by Zimmer Biomet G.K.
Room 5	16 : 15 ~ 16 : 45 Presidential Lecture	Moderator : Hiromasa MIURA
Room 5	1-1-PL Progress and Harmony in Knee Arthroplasty	Dept. of Orthop. Surg., Nippon Medical School Shinro TAKAI.....235
Room 6	16 : 55 ~ 18 : 25 Symposium 3 Perioperative management of joint replacemet	Moderators : Satoshi ABE, Hiroshi TSUMURA
Room 7	1-1-SY3-1 Perioperative Pain Management in Total Joint Arthroplasty	Dept. of Orthop. Surg., Kochi Univ. Masahiko IKEUCHI.....274
Room 7	1-1-SY3-2 Alternative Rehabilitation after Total Knee Arthroplasty	Dev. of Orthop. Surg., Saiseikai Takaoka Hosp. Koichi KANEKASU, et al.....275
Room 8	1-1-SY3-3 Prevention of surgical site infection in total joint arthroplasty -Basic concept of SSI prevention and characteristics of pathogens-	Dept. of Orthop. Surg., Yokohama City Univ. Naomi KOBAYASHI, et al.....275
Room 9	1-1-SY3-4 Prevention of VTE after arthroplasty of lower limbs	Dept. of Orthop. Surg., Kindai Univ. Hosp. Masaso AKAGI.....276
Poster Room		

Friday, February 23, Room 2

8 : 10 ~ 9 : 10 Invited Lecture 1 Development of Joint center

Moderator : Kazuo HIRAKAWA

1-2-IL1 Creation of a Center of Excellence

The Rothman Institute Richard H. ROTHMAN.....236

9 : 15 ~ 10 : 15 Invited Lecture 2 Surgical technique for THA

Moderator : Naoto ENDO

1-2-IL2-1 30 Years of Clinical Experience With the Dynamic Model of THA

Dept. of Orthop. Surg., The Brooklyn Hosp. Medical Center Joseph F. FETTO.....237

1-2-IL2-2 Patient specific surgery: fact or fiction?

Spire Southampton Hosp. Univ. Southampton Jeremy M. LATHAM.....238

10 : 20 ~ 11 : 20 Invited Lecture 3 Pitfalls and knacks for complex cases in TKA

Moderator : Tomoyuki SAITO

1-2-IL3-1 Major problems and solutions of TKA in North America

Dalhousie University Michael J. DUNBAR.....239

1-2-IL3-2 Complex cases in TKA in Asia: major problems and solution

Dept. of Orthop., Chulalongkorn Hosp.
& Faculty of Medicine, Chulalongkorn Univ. Aree TANAVALEE.....240

11 : 35 ~ 12 : 40 Luncheon seminar 2

Moderator : Masao AKAGI

1-2-LS2-1 Bi-Cruciate Retaining Total Knee Arthroplasty -A New World-

Dept. of Orthop. Surg., St. Peter's Univ. Hosp., USA Alfred J. TRIA Jr.....249

1-2-LS2-2 New Bi-Cruciate Retaining Total Knee Arthroplasty

Kushiro Sanjikai Hosp. Osamu NISHIIKE.....250
Sponsored by Smith & Nephew KK

13 : 50 ~ 14 : 50 Educational Lecture 2 Principle of THA biomechanics & short stem

Moderator : Kenji OHZONO

1-2-EL2-1 Hip biomechanics revisited - A more complete model and its consequences

Dept. of Orthop. Surg., The Brooklyn Hosp. Medical Center Joseph F. FETTO.....242

1-2-EL2-2 Short Stem -Treatment Option in Young Patients Involved by the Severe Hip Disease-

Showa Univ. Takashi ATSUMI, et al.....242

Day 1
Feb.23(Fri)Day 2
Feb.24(Sat.)

Room 1

Room 2

Room 3

Room 4

Room 5

Room 6

Room 7

Room 8

Room 9

Poster Room

Day 1 Feb.23(Fri)	16 : 55 ~ 17 : 15 Debate 1 Gap balancing vs Measured resection techniques Moderator : Yoshinori KADOYA	
Day 2 Feb.24(Sat.)	1-2-DB1-1	Gap balancing technique Baylor Scott & White Health Kirby D. HITT.....305
	1-2-DB1-2	Measured resection OrthoCarolina Walter B. BEAVER, Jr.....305
Room 1	17 : 15 ~ 17 : 35 Up-dated lecture 1 TKA kinematic analysis Moderator : Tokifumi MAJIMA	
Room 2	1-2-UL1	Using accelerometer in mobile phones to assess and follow arthroplasty patients Dalhousie Univ. Michael J. DUNBAR.....307
	17 : 45 ~ 18 : 05 Debate 2 Cement vs cementless THA Moderator : Yasuharu NAKASHIMA	
Room 3	1-2-DB2-1	Cement THA Spire Southampton Hosp. Univ. Southampton Jeremy M. LATHAM.....306
Room 4	1-2-DB2-2	Cementless THA Dept. of Orthop. Medical Engineering, Osaka Univ. Nobuhiko SUGANO.....306
	18 : 05 ~ 18 : 25 Up-dated lecture 2 THA bearing surface Moderator : Joseph F. FETTO	
Room 5	1-2-UL2	Bearings in THA: beyond wear reduction AlpinA Consulting GmbH Robert M. STREICHER.....307
Room 6		
Room 7		
Room 8		
Room 9		
Poster Room		

Friday, February 23, Room 3

Day 1
Feb.23(Fri)Day 2
Feb.24(Sat)

Room 1

Room 2

Room 3

Room 4

Room 5

Room 6

Room 7

Room 8

Room 9

Poster Room

8 : 10 ~ 9 : 40 Symposium 4 Stable total elbow replacement

Moderators : Hiroyuki KATO, Kenji TAKAHASHI

- 1-3-SY4-1 Indication and Limitation of Non-constrained Total Elbow Arthroplasty for Rheumatoid Elbow
Dept. of Orthop. Surg., Univ. of the Ryukyus Chojo FUTENMA, et al.....276
- 1-3-SY4-2 Results after primary Kudo elbow: A study of 53 rheumatoid arthritis elbows
Dept. of Orthop. Surg., Shinshu Univ. Masanori HAYASHI, et al.....277
- 1-3-SY4-3 Examination of optimum installation position and usefulness of three components system of FINE Total Elbow Joint
Dept. of Orthop. Surg., Toho Univ. Masayuki SEKIGUCHI, et al.....277
- 1-3-SY4-4 Linked Type Total Elbow Arthroplasty / Coonrad-Morrey and Nexel Total Elbow
Dept. of Orthop. Surg., Showa Univ. Northern Yokohama Hosp. Jun IKEDA, et al.....278
- 1-3-SY4-5 The outcome and perioperative complications of TEA observed in a multicenter study
Dept. Orthop. Surg., Kyoto Univ. Graduate School of Med. Hiromu ITO, et al.....278
- 1-3-SY4-6 Revision Total Elbow Arthroplasty in RA
Dept. Orthop. Surg. & Rheum. Junwakai Sanno Hosp. Hiroshi NAKAMURA, et al.....279

9 : 50 ~ 11 : 20 Symposium 5 Indication & implant selection for artificial finger joint

Moderators : Katsunori INAGAKI, Keiichiro NISHIDA

- 1-3-SY5-1 Clinical evaluation after metacarpophalangeal joints arthroplasty with different two silicone implants in patients with rheumatoid arthritis
Dept. of Orthop. Surg., Hiratsuka Kyosai Hospital Katsushi ISHII, et al.....279
- 1-3-SY5-2 Self Locking Finger Joint System for MP Joint of Rheumatoid Hand
Dept. of Orthop. Surg., Kumamoto Orthopaedic Hospital Hiroto TSUKANO, et al.....280
- 1-3-SY5-3 Our Treatment Strategy of PIP Joint Osteoarthritis -From Conservative Therapy to Silicon Implant Endoprosthesis-
Kawaguchi Municipal Medical Center Hideyuki MURANAKA.....280
- 1-3-SY5-4 Total Finger Arthroplasty for PIP Joint with Self -Locking Finger Joint
Dept. of Rehabilitation, Saitama National Hospital Yasushi MORISAWA, et al.....281
- 1-3-SY5-5 Clinical Experiences of Implant Arthroplasty for MP joint and PIP joint
Dept. of Orthop. Surg., Ishioka-shi Ishikai Hospital Masafumi ISHIZUKI.....281

11 : 35 ~ 12 : 40 Luncheon seminar 3

Moderator : Takashi NISHII

- 1-3-LS3-1 Direct Superior Approach: A Less Invasive Approach for Posterior Hip Surgeons
The Institute of Clinical Orthopedics and Neuroscience, Desert Regional Medical Center, USA Douglas J. ROGER.....250

1-3-LS3-2 Direct Superior Approach for Hip Disease in Japan
 Dept. of Orthop. Surg., Fukushima Med. Univ. Shigeo AOTA.....251
 Sponsored by Stryker Japan K.K.

13 : 20 ~ 14 : 50 Symposium 6 Bipolar hemiarthroplasty for metastatic proximal femoral bone tumor
 Moderators : Katsuyuki KUSUZAKI, Yasuyuki KITAGAWA

1-3-SY6-1 Evaluation of the risk of pathological fracture in the proximal femora using
 a CT scan-based Finite element method
 Dept. of Orthop. Surg., Fujisawa City Hosp. Kosuke MATSUO, et al.....282

1-3-SY6-2 Indication for intramedullary nailing of femoral metastases and postoperative results
 Dept. of Orthop. Surg. Musculoskeletal Oncology
 Service, Osaka International Cancer Institute Takaaki TANAKA.....282

1-3-SY6-3 Prosthetic Replacement of the Proximal Femur after Resection of
 Musculoskeletal Tumors: Results and Indication
 Dept. of Orthop. Surg., Niigata Cancer Center Hospital Hiroshi HATANO, et al.....283

1-3-SY6-4 Proximal femoral replacement for metastatic bone tumor using
 the trochanteric sliding osteotomy
 Dept. of Orthop. Surg., Osaka Medical College Ichiro BABA, et al.....283

1-3-SY6-5 Complications and Postoperative Mortality Rate After Surgery for
 Bone Metastasis to Proximal Femur
 Dept. of Orthop. Surg. Tokyo Univ. Yusuke TSUDA, et al.....284

15 : 00 ~ 16 : 05 Afternoon seminar 2 Moderator : Masaaki MAWATARI

1-3-AS2-1 Tapered-wedge Femoral Stem Design for Anterior Minimally Invasive Surgery
 Lenox Hill Hosp., USA Jose A. RODRIGUEZ261

1-3-AS2-2 AMIS Approach-minimally Invasive Interstitial Spontaneous Hip Replacement Surgery
 Using Leg Positioner
 Dept. of Orthop. Surg., KEIO Univ. school of Medicine Toru NISHIWAKI, et al.....262
 Sponsored by Medacta Japan Co., Ltd.

16 : 55 ~ 18 : 25 Symposium 7 Clinical results & future of TAA
 Moderators : Yasuhito TANAKA, Masahiko NOGUCHI

1-3-SY7-1 Indication and Clinical Results of Total Ankle Arthroplasty Using TNK Ankle®
 Dept. of Orthop. Surg., Nara Medical Univ. Akira TANIGUCHI, et al.....284

1-3-SY7-2 Result of Total Ankle Arthroplasty about Post Operative Implant's Subsidence
 Dept. of Ortop. Surg., Dokkyo Medical Univ. Koshigaya Hosp. Masato OGAWA, et al.....285

1-3-SY7-3 Developing strategy of TAA for severely deformed rheumatoid foot
 Dept. of Ortop. Rheumatology,
 National Hosp. Organization,
 Osaka Minami Medical Center Jun HASHIMOTO, et al.....285

1-3-SY7-4 Clinical Results and Surgical Indications of Total Ankle Arthroplasty Using
Total Talar Prosthesis (Combined TAA)
Dept. of Orthop Surg., Kobe Univ. Graduate School of Medicine Noriyuki KANZAKI, et al.....286

1-3-SY7-5 Revision surgery using alumina ceramic total talar prosthesis
for failed total ankle arthroplasty
Dept. of Orthop. Surg., Nishi Nara Central Hosp. Ryuhei KATSUI, et al.....286

Day 1
Feb.23(Fri)

Day 2
Feb.24(Sat.)

Room 1

Room 2

Room 3

Room 4

Room 5

Room 6

Room 7

Room 8

Room 9

Poster Room

Friday, February 23, Room 4

8 : 10 ~ 9 : 10 Oral 1 Clinical results of THA • cementless 1 Moderator : Hajime SUGIYAMA

- | | | |
|-----------------------|-----------|---|
| Day 1
Feb.23(Fri) | 1-4-OR1-1 | Clinical outcomes of total hip arthroplasty for osteonecrosis of the femoral head
Dept. of Orthop. Surg., Graduate School of Medicine, Nagoya Univ. Yusuke OSAWA, et al.....311 |
| Day 2
Feb.24(Sat.) | 1-4-OR1-2 | Is Bulk Bone Graft Necessary for Cementless THA Resulting from Dysplastic Hip?
Saitama Co-operative Hospital Kotaro NIHEI, et al.....311 |
| Room 1 | 1-4-OR1-3 | Femoral Functional Position after THA with a Version Changeable Dual Taper Modular Neck System.
Dept. of Orthop. Medical Engineering, Osaka Univ. Graduate School of Medicine Ema NAKAHARA, et al.....311 |
| Room 2 | 1-4-OR1-4 | Unilateral primary total hip arthroplasty affects the contralateral hip pain and function
Dept. of Orthop. Surg., Nagoya graduate school of medicine Yasuhiko TAKEGAMI, et al.....311 |
| Room 3 | 1-4-OR1-5 | Clinical and radiological findings of cementless total hip arthroplasty over 20 years
Dept. of Orthop. Surg., Showa Univ. Northern Yokohama Hosp. Masanori NAKAMURA, et al.....312 |
| Room 4 | 1-4-OR1-6 | The effect that unilateral total hip arthroplasty gives in a contralateral natural course for bilateral steroidal osteonecrosis of femoral head
Dept. of Orthop. Surg., St. Marianna Univ. Hideki KOIZUMI, et al.....312 |
| Room 5 | 1-4-OR1-7 | Long Term Results of Autologous Acetabular Bone Grafting in the Negative Socket Centre-edge Angle
Eniwa Hospital Satomi ABE, et al.....312 |

9 : 15 ~ 10 : 15 Oral 2 Clinical results of THA • cementless 2 Moderator : Kensuke TAMAI

- | | | |
|-------------|-----------|--|
| Room 6 | 1-4-OR2-1 | Accuracy validation of Hip Align on the placement of acetabular cup in total hip replacements in the decubitus position
Dept. of Joint Replacement Center, Tokyo Medical Center, National Hospital Organization Yoshinari FUJITA, et al.....312 |
| Room 7 | 1-4-OR2-2 | The CT-free intraoperative method to estimate the cup target angle with X-ray, APP Lateral Positioner, and iFlexG
Shiraniwa Hosp. Orthop. Surg. Kentaro IWAKIRI, et al.....313 |
| Room 8 | 1-4-OR2-3 | Registration accuracy of Stryker Hip Navigation analyzed by 3D pelvic Bioskill models
Niigata Hip Joint Center, Kameda Daiichi Hospital Kunihiko TOKUNAGA.....313 |
| Room 9 | 1-4-OR2-4 | Tendency and Reproducibility of Preoperative Planning about Total Hip Arthroplasty after Rotational Acetabular Osteotomy
Division of Science for Joint Reconstruction, Graduate School of Medicine, The Univ. of Tokyo Hirofumi OSHIMA, et al.....313 |
| Poster Room | 1-4-OR2-5 | Accuracy verification of Cup angle with Direct Anterior HipAlign in Total Hip Arthroplasty
Dept. of Orthop. Surg., Osaka City Univ. Graduate School of Medicine Suguru NAKAMURA, et al.....313 |

1-4-OR2-6 Comparison new Palm size navigation 'HipAlign' with the fluoroscope for the cup setting
 Depart. Orthop Surg, Juntendo Shizuoka Hosp. Akio KANDA, et al.....314

1-4-OR2-7 The factor affect to the error of cup implantation during total hip arthroplasty with HipCOMPASS performed to obese patients
 Div. of Comprehensive Geriatrics in Community, Niigata Univ. Norio IMAI, et al.....314

10 : 20 ~ 11 : 20 Oral 3 Clinical results of THA · cementless 3 Moderator : Takuya NAKAMURA

1-4-OR3-1 Short-term Results of the Triple Tapered Curved Short Stem: Examination of the Factor of sinking
 Dept. of Orthop. Surg., Teikyo Univ. Mizonokuchi Hospital Atsuhisa YAMADA, et al.....314

1-4-OR3-2 Clinical results of J-taper stem fixed distally
 Dept. of Orthop. Surg., Nara Medical Univ. Yoshinobu UCHIHARA, et al.....314

1-4-OR3-3 15-year Median Follow-up Results of Cementless Total Hip Arthroplasty with Subtrochanteric Shortening Osteotomy using the S-ROM Modular Stem
 Dept. of Orthop. Med. Engineering, Osaka University Masaki TAKAO, et al.....315

1-4-OR3-4 Clinical and radiological outcomes of cementless Total Hip Arthroplasty for stovepipe canal
 Dept. Bone Joint Surg., Ehime Univ. Hiroshi IMAI, et al.....315

1-4-OR3-5 Modulus stem: Mid-term Follow-up
 Kansai Rosai Hosp. Orthop. Surg. Hirohiko YASUI, et al.....315

1-4-OR3-6 Postoperative radiological evaluation of Primary Total Hip Arthroplasties using a GTS (Global Tissue Sparing) bone preserving cementless stem
 Dept. of Orthop. Surg., Sonoda Joint Replacement Center Hosp. Hiromasa MITSUI, et al.....315

1-4-OR3-7 Relationship between stress shielding and clinical outcomes after total hip arthroplasty
 Dept. of Orthop. Surg., Nagoya Univ. Taiki KUSANO, et al.....316

11 : 35 ~ 12 : 40 Luncheon seminar 4 Moderator : Hiroshi TSUMURA

1-4-LS4 Persistent Postoperative Pain after Total Joint Arthroplasty
 Dept. Orthop. Surg., Kochi Univ. Masahiko IKEUCHI.....251
 Sponsored by Astellas Pharma Inc. / Pfizer Japan Inc.

13 : 50 ~ 14 : 50 Oral 4 Clinical results of THA · cementless 4 Moderator : Nobuhiro KAKU

1-4-OR4-1 Roentgenographic findings and bone mineral density in the short bone conserving stems area after cementless total hip arthroplasty
 Dept. of Orthop. Surg., The Jikei Univ. Sch. of Med. Hideki FUJII, et al.....316

1-4-OR4-2 Result of the Tri-Lock Bone Preservation Stem at a minimum 1 year follow-up
 Dept. of Orthop. Surg., Showa Univ. Yasushi YOSHIKAWA, et al.....316

Day 1
Feb.23(Fri)Day 2
Feb.24(Sat.)

Room 1

Room 2

Room 3

Room 4

Room 5

Room 6

Room 7

Room 8

Room 9

Poster Room

Day 1 Feb.23(Fri)	1-4-OR4-3	The Changes of the periprosthetic bone mineral density in cementless THA -The DEXA study of CORAIL stem-	Dept. of Orthop. Surg., Osaka City University Graduate School of Medicine	Yoichi OHTA, et al.....316
Day 2 Feb.24(Sat)	1-4-OR4-4	Periprosthetic changes in bone mineral density after cementless total hip arthroplasty: A comarion of Quadra, Quadra-H and AMISem-H	Dept. of Orthop. Surg., Nagano Matsushiro General Hosp.	Yoshiyuki NAKAMURA, et al.....317
Room 1	1-4-OR4-5	Radiographic Evaluation and Periprosthetic Bone Mineral Density after Cementless Total Hip Arthroplasty Using GTS Stem at a Minimum 2-year Follow-up	Det. Orthop. Surg., Hiroshima Prefectural Rehabilitation Center	Ryuji TANAKA, et al.....317
Room 1	1-4-OR4-6	Bone response around the stem for Stovepipe canal in THA -between two stems of different designs-	Dept. of Orthop. Surg. Marunouchi Hosp.	Takashi MAEDA, et al.....317
Room 2	1-4-OR4-7	Changes in the bone mineral density of the acetabulum after cementless total hip arthroplasty	Dept. of Orthop. Surg., Sendai Red Cross Hosp.	Masamizu OYAMA, et al.....317
Room 3	15 : 00 ~ 16 : 05 Afternoon seminar 3			Moderator : Yuji UCHIO
Room 4	1-4-AS3-1	Therapeutics of Chronic Musculoskeletal Pain: Up-to-date	Multidisciplinary Pain Center, Aichi Medical Univ.	Takahiro USHIDA.....262 Sponsored by Pfizer Japan Inc./ Eli Lilly Japan K.K.
Room 5	16 : 55 ~ 18 : 00 Oral 5 THA surgical technique			Moderator : Ryosuke NAKANISHI
Room 5	1-4-OR5-1	Femoral Stem Positioning in Total Hip Arthroplasty with Three-dimensional Templating Software ZedHip: Taper-wedged Short Stem	Joint Surgery Center, Chiba Medical Center, National Hospital Organization	Isao ABE, et al.....318
Room 6	1-4-OR5-2	Comparison of stem antetorsion angle and stem size between preoperative 3D planning with postoperative CT in total hip aertthroplasty	Dept. of Orthop. Surg., Yokohama City Univ. Medical Center	Naoya TAKI, et al.....318
Room 7	1-4-OR5-3	The evaluation of the position of total hip prosthesis using 3D planning software	Dept. of Orthop. Surg., Univ. of Occupational and Environmental Health	Teruaki FUJITANI, et al.....318
Room 8	1-4-OR5-4	Comparison of 3D planning of CORAIL Hip stem and actually inserted stem size	Dept. of Orthop. Surg., Okayama Medical Center	Katsuhiko KAWABATA, et al.....318
Room 9	1-4-OR5-5	Relationship between preoperative planning and Stem anteversion in Total Hip Arthroplasty.Comparison among SMF stem and other taper wedge stems	Kawasaki Medical School Bone and Joint Surgery	Shuro FURUICHI, et al.....319
Poster Room	1-4-OR5-6	Does stem deep-insertion decrease range of motion in total hip arthroplasty for dislocated hip? A computer simulation study	Dept. of Orthop., Nagoya Univ.	Kazuya MAKIDA, et al.....319
	1-4-OR5-7	Three-dimensional femoral contact pattern in short taper wedge stem	Osaka-Rosai Hospital	Tomoaki SUZUKA, et al.....319

Friday, February 23, Room 5

8 : 10 ~ 9 : 10 Oral 6 Clinical results of TKA 1		Moderator : Masataka DEIE
1-5-OR6-1	The Comparison of the Flexion Angle Measurement Following Total Knee Arthroplasty by Between Manual Method and Radiography Dept. of Orthop. Surg., Nihon Univ. School of Medicine	Kanki ISHIGAKI, et al.....319
1-5-OR6-2	Walking Ability Effects QOL of Daily Life at 6 Months after TKA and UKA Patients Evaluation Using the JKOM Dept. of Rehabilitation, Japan Community Health Care Organization, Gunma Chuo Hosp.	Taichi HOSHINO, et al.....320
1-5-OR6-3	10 Year-Results of LCS-TKA Yagi Orthopaedic Hospital	Tomonori YAGI, et al.....320
1-5-OR6-4	About renal function and weight change after total knee arthroplasty -In cases of surgery of both knees- Dept. of Orthop. Surg., Tohoku Rosai Hospital	Hiroaki OGAWA, et al.....320
1-5-OR6-5	The effects of drain in total knee arthroplasty -Comparison in same patient of bilateral total knee arthroplasty- Dept. of Orthop. Sapporo Hosp.	Miho HIRAI, et al.....320
1-5-OR6-6	Comparison in clinical outcomes of TKA after 15 years follow-up between osteoarthritic and rheumatoid knees Dept. of Orthop. Surg., Kyoto Univ.	Shinichiro NAKAMURA, et al.....321
1-5-OR6-7	Influence of Intraoperative Gap Play on Patient's Complaint after Two to Five Years in PS-TKA Onishi Hospital	Hitoshi NOCHI, et al.....321
9 : 15 ~ 10 : 05 Oral 7 Clinical results of TKA 2		Moderator : Go OMORI
1-5-OR7-1	Does varus alignment in TKA affect poor outcome after long term follow up Kawaguchi Kogyo General Hospital	Katsuaki YANAGISAWA, et al.....321
1-5-OR7-2	The effect of mid-flexion laxity on the patient-reported outcome after cruciate substituted Total knee arthroplasty with modified gap balancing technique Dept. of Orthop. Surg., Osaka Saiseikai Nakatsu Hosp.	Tesshu IKAWA, et al.....321
1-5-OR7-3	The Assessment of the Tibia Component Rotation following TKA by Anteroposterior View's Roentgenograph Using Fluoroscopy at Pre- and Post-surgery Dept. of Orthop. Surg., Nihon Univ.	Kunihiro HOSAKA, et al.....322
1-5-OR7-4	Effect of preoperative bone-on-bone in osteoarthritis of the knee on patient satisfaction after total knee arthroplasty Dept. of Orthop. Surg. Kotonoura Rehabilitation Center attached Hospital	Nobuyuki MIYAZAKI, et al.....322
1-5-OR7-5	Correlation between intraoperative stability and patient satisfaction in total knee arthroplasty Dept. of Orthop. Surg., Ehime Univ.	Kazunori HINO, et al.....322

Day 1
Feb.23(Fri)Day 2
Feb.24(Sat)

Room 1

Room 2

Room 3

Room 4

Room 5

Room 6

Room 7

Room 8

Room 9

Poster Room

1-5-OR7-6 Clinical Outcomes after Total Knee Arthroplasty with Diabetes Mellitus
 Dept. of Rehab., Fukui General Hospital Yoshitomo SAIKI, et al.....322

10 : 20 ~ 11 : 20 Oral 8 Clinical results of TKA 3 Moderator : Hitoshi NOCHI

1-5-OR8-1 Clinical outcome of TKA without medial release for varus knees: the effect of residual ligament
 Dept. of Orthop. Surg., Kyoto Univ. Yoshihisa TANAKA, et al.....323

1-5-OR8-2 Comparison of Post-operative Knee Stability after PS-TKA between Medial Preserving Gap Technique and Measured Resection Technique
 Dept. of Orthop. Surg., Steel Memorial Hirohata Hosp. Masato KAMIMURA, et al.....323

1-5-OR8-3 TKA for severe varus deformed knee
 Dept. of Orthop. Surg., Eniwa Hosp. Takuya ISEKI, et al.....323

1-5-OR8-4 Varus and Valgus Laxity of Osteoarthritis Knees before Total Knee Arthroplasty: Evaluation with Stress Radiographs
 Dept. of Orthop. Surg., Clinical Medicine, Graduate School of Medical Sciences, Kyushu Univ. Tetsuro USHIO, et al.....323

1-5-OR8-5 Association between tibial coronal alignment in total knee arthroplasty and patient satisfaction: Using a 3D-matching evaluation method
 Dept. of Orthop. Surg., Yamaguchi Univ. Graduate School of Medicine Kazushige SEKI, et al.....324

1-5-OR8-6 Technical Tips to Acquire the Predetermined Extension Joint Gap in Total Knee Arthroplasty
 Dept. of Orthop. Surg., Shin-Kaminokawa Hosp. Hitoshi SEKIYA, et al.....324

1-5-OR8-7 The distal femoral bone cut with sulcus cut technique
 Nagoya Joint Replacement and Orthopaedic Clinic Hideki WARASHINA, et al.....324

11 : 35 ~ 12 : 40 Luncheon seminar 5 Moderator : Saiji KONDO

1-5-LS5-1 Best Implant Choices and Recent Surgical Techniques for Early Weight Bearing and Mobilization in Total Hip Arthroplasty
 Dept. of Orthop. Surg., Showa Univ. Northern Yokohama Hosp. Akihiko MAEDA.....252
 Sponsored by KYOSERA Corporaiton

13 : 50 ~ 14 : 50 Oral 9 Clinical results of TKA 4 Moderator : Eiichi NAKAMURA

1-5-OR9-1 Comparison of severity of locomotive syndrome of consevative and operative treatment
 Dept. of Orthop. Surg., Niigata Central Hosp. Munenori MATSUEDA, et al.....324

1-5-OR9-2 Postoperative change of severity of locomotive syndrome after knee arthroplasty
 Dept. of Orthop. Surg., Niigata Central Hosp. Munenori MATSUEDA, et al.....325

1-5-OR9-3 Effect of knee arthroplasty on locomotive syndrome and motor function
 Dept. of Orthop. Surg., Niigata Central Hosp. Tatsuya SOENO, et al.....325

1-5-OR9-4 Differences of stairs-climbing ability after total knee arthroplasty
 Nagoya Orthopaedic Clinic Rehabilitation Medicine Yuri YAMAMOTO, et al.....325

1-5-OR9-5	Analysis of Patient Dissatisfaction Following Total Knee Arthroplasty Dept of Orthop. Surg., Suwa Chuo Hospital	Shinichi SHIRASAWA.....325	Day 1 Feb.23(Fri)
1-5-OR9-6	Patient activity after knee arthroplasty Dept. of Orthop. Surg., Nagano Matsushiro General Hosp.	Masahito HINO, et al.....326	Day 2 Feb.24(Sat.)
1-5-OR9-7	Athletic activity of the patients who had total knee arthroplasty Dept. of Orthop. Surg., Tomishiro Central Hospital	Akira ARAKAKI, et al.....326	

15 : 00 ~ 16 : 00 Afternoon Tea Seminar Practical management of revision THA

Moderator : Takuya OTANI

1-5-AT-1	Revision for the femoral stem loosening by cemented stem Orthopedic and Joint Surgery Center, Kurume Univ. Medical Center	Takahiro OKAWA, et al.....303	Room 1
1-5-AT-2	Revision with cementless stems Dept. of Orthop. Medical Engineering, Osaka Univ.	Nobuhiko SUGANO, et al.....303	Room 2
1-5-AT-3	Acetabular Reconstruction without Cement in Revision Hip Arthroplasty Dept. of Rehabilitation Med., Tokyo Medical and Dental Univ.	Tetsuya JINNO, et al.....304	Room 3
1-5-AT-4	Reconstruction of acetabulum with cement in THA revision Saiseikai Yamagata Saisei Hosp.	Masaji ISHII, et al.....304	Room 4

16 : 55 ~ 18 : 00 Oral 10 Clinical results of TKA 5

Moderator : Hidetoshi HAMAGUCHI

1-5-OR10-1	The Effect of Pie Crusts Technique to PCL in CR TKA Orthop. Surg., Toyooka Cyuou Hosp.	Makoto OTSUBO, et al.....326	Room 5
1-5-OR10-2	Factors Associated with Flexion Gap Tightness in Cruciate-Retaining Total Knee Arthroplasty Dept. Orthop. Surg., Gunma Central Hosp.	Kazuhisa HATAYAMA, et al.....326	Room 6
1-5-OR10-3	The Posterior Translation of Tibia after the Posterior Cruciate Ligament Preservation Cruciate-substituting Total Knee Arthroplasty Dept. of Orthop. Surg., Graduate School of Medicine, Nagoya Univ.	Takashi HAMADA, et al.....327	Room 7
1-5-OR10-4	Consideration of cases in which the anterior movement of the tibia component occurs after total knee arthroplasty Yokohama Minami Kyousai Hosp.	Haruka SUZUKI, et al.....327	Room 8
1-5-OR10-5	The relation of tibial anterior translation and posterior tibial slope in posterior cruciate-retaining TKA with standing lateral knee radiography Dept. of Orthop. Surg., Yokohama Minami Kyousai Hosp.	Masaaki SATOU, et al.....327	Room 9
1-5-OR10-6	Investigation of the optimal tibial posterior slope angle in the cruciate retaining total knee arthroplasty Dept. of Orthop. Surg., School of Medicine, Toho University	Takashi NAKAMURA, et al.....327	Poster Room
1-5-OR10-7	Influence of posterior tibial slope of tibial component on one-year post-operative clinical outcome after PS-TKA in varus-type osteoarthritic knee Dept. of Orthop. Surg., Steel Memorial Hirohata Hosp.	Masato KAMIMURA, et al.....328	

Friday, February 23, Room 6

8 : 10 ~ 9 : 10 Oral 11 UKA 1

Moderator : Shigeshi MORI

- | | | | |
|----------------------|------------|--|-----------------------------------|
| Day 1
Feb.23(Fri) | 1-6-OR11-1 | Clinical Study of lateral progression after Oxford UKA
Dept. of Orthopedic Surg. Hankai Hosp. | Satoshi TAKEI, et al.....328 |
| Day 2
Feb.24(Sat) | 1-6-OR11-2 | Mid-term results of fixed bearing UKA and mobile bearing UKA
Sonodakai Joint Replacement Center Hosp. | Kenji KITAMURA, et al.....328 |
| Room 1 | 1-6-OR11-3 | Patellofemoral osteoarthritis after unicompartmental knee arthroplasty
Fukuoka Orthop. Hosp. | Fuyuki TOMINAGA, et al.....328 |
| Room 2 | 1-6-OR11-4 | AP reference of the tibia for medial UKA using medial intercondylar ridge
Dept. Orthop. Surg. Kindai Univ. | Ichiro TSUKAMOTO, et al.....329 |
| Room 3 | 1-6-OR11-5 | Postoperative tibial fracture following Oxford UKA can be predicted using medial intercondylar eminence line
Dept. of Orthop. Surg., Takatsuki Hosp. | Ryo YOSHIKAWA, et al.....329 |
| Room 4 | 1-6-OR11-6 | Postoperative Valgus Alignment after Oxford UKA Affect Postoperative Lateral OA Progression?
Dept. of Knee Joint Recon. Center, Shonan Kamakura General Hosp. | Kenji HARA, et al.....329 |
| Room 5 | 1-6-OR11-7 | Do Leg Alignment and Bone Fragility Affect Stress Fracture after Unicompartmental Knee Arthroplasty?
Dept. of Orthop. Okayama Kyokuto Hospital | Masamichi YOKOYAMA, et al.....329 |

9 : 15 ~ 10 : 15 Oral 12 UKA 2

Moderator : Tasuku MASHIBA

- | | | | |
|-------------|------------|--|----------------------------------|
| Room 6 | 1-6-OR12-1 | Correlation of patient satisfaction and navigation based kinematics of unicompartmental knee arthroplasty
Dept. of Orthop. Surg., Sapporo Med Univ. | Kousuke SHIWAKU, et al.....330 |
| Room 7 | 1-6-OR12-2 | Influence of tibia component angle for the outcome in UKA
Dept. of Orthop. Surg., Hiroshima Prefectural Akitsu Hosp. | Toshihiko GOTO, et al.....330 |
| Room 8 | 1-6-OR12-3 | Tibial implant orientation angle after unicompartmental knee arthroplasty
Dept. Orthop. Surg. Kobe Univ. Graduate School of Medicine | Koji TAKAYAMA, et al.....330 |
| Room 9 | 1-6-OR12-4 | Patient Satisfaction of Unicompartmental Knee Arthroplasty: Short-term Results -Comparison with Total Knee Arthroplasty-
Dept. of Reha., Anshin Hosp. | Osamu WADA, et al.....330 |
| Poster Room | 1-6-OR12-5 | The effect of tibial component position on clinical outcome after Oxford mobile bearing UKA in anteromedial osteoarthritic knee
Dept. of Orthop. Surg. and Joint Surg. Center, Takatsuki General Hospital | Tomoyuki KAMENAGA, et al.....331 |
| Poster Room | 1-6-OR12-6 | Lateral unicompartmental knee arthroplasty, clinical results and coverage of tibial component
Dept. of Orthop. Surg. Joint Surg. Center, Takatsuki General Hospital | Kenichi KIKUCHI, et al.....331 |

1-6-OR12-7 Evaluation of spinal parameters influencing flexion contractures of the knee after unicompartmental knee arthroplasty
 Dept. of Orthop. Surg., Hamamatsu Univ. School of Medicine Mitsuru HANADA, et al.....331

Day 1
Feb.23(Fri)

10 : 20 ~ 11 : 20 Oral 13 UKA 3 Moderator : Munenori MATSUEDA

1-6-OR13-1 The evaluation of lateral disease progression after unicompartmental knee arthroplasty
 Dept. of Orthop. Surg., Kagawa Univ. Masaki MORI, et al.....331

Day 2
Feb.24(Sat)

1-6-OR13-2 Can we improve the flexion contractures in preoperation of UKA?
 Dept. of Orthop. Surg., Kinki Univ. Shinji INOUE, et al.....332

Room 1

1-6-OR13-3 Tibiofemoral subluxation is reduced in unicompartmental knee arthroplasty
 Dept. of Orthop. Surg., Kindai Univ. Hosp. Kotaro YAMAGISHI, et al.....332

Room 2

1-6-OR13-4 Is There Indication For Unicompartmental Knee Arthroplasty ?
 -Examine It From Intraarticular Findings-
 Shiga Medical Center for Adult Takashi KASAHARA, et al.....332

Room 3

1-6-OR13-5 Failure of Unicompartmental Knee Arthroplasty Leading to Revision in Our Clinic
 Emoto Knee and Sports Clinic Rika HASHIURA, et al.....332

1-6-OR13-6 Relationship between Peg hole and femoral components of sagittal alignment in Oxford partial knee replacement
 Hamamatsu Red Cross Hospital Takaaki IMADA, et al.....333

Room 4

1-6-OR13-7 Relationship between the alignment of tibial rotation and postoperative clinical outcomes in Oxford unicompartmental knee arthroplasty
 Dept. of Orthop. Surg. Showa Univ. Fujigaoka Hosp. Soshi ASAI, et al.....333

Room 5

11 : 35 ~ 12 : 40 Luncheon seminar 6 Moderator : Yasushi OSHIMA

1-6-LS6-1 Soft Tissue Treatment and Wound Closure for THA and TKA
 -for Better Post-op Early Patient Satisfaction-
 Saitama cooperative hosp. Orthop. Surg. Ayano KUWASAWA.....252

Room 6

1-6-LS6-2 SSI Countermeasure in TKA. -Thinking to Not Cause Infection-
 Dept. of Orthop Surg., Wajo Eniwa Hosp. Shoichi KIMURA.....253
 Sponsored by Johnson & Johnson K.K.

Room 7

13 : 50 ~ 14 : 50 Oral 14 TKA Gap 1 Moderator : Yukihide MINODA

1-6-OR14-1 Relationship between implant gap balance of Posterior stabilized total knee arthroplasty and clinical result
 The Dept. of Orthop. Surg., Nihon Univ. Hirohisa FUJIMAKI, et al.....333

Room 8

1-6-OR14-2 Joint gap of the TKA in whole range of motion using the precut technique against the modified gap technique
 Dept. of Orthop. Surg., Osaka Rosai Hospital Shigeru NAKAGAWA, et al.....333

Room 9
Poster Room

Day 1
Feb.23(Fri)

1-6-OR14-3 Joint line elevation did not increase the mid-flexion laxity in posterior stabilized TKA
Dept. of Orthop. Surg., Osaka City Univ. Yukihide MINODA, et al.....334

1-6-OR14-4 Gap balancing technique for posterior stabilized total knee arthroplasty
-Optimal tension in flexion gap measurement-
Dept. of Orthop. Surg., Bange Kosei General Hosp. Tadashi KIKUCHI, et al.....334

Day 2
Feb.24(Sat)

1-6-OR14-5 Correlation between amount of femoral posterior condyle resection and mid flexion instability in balanced gap TKA
Hanwa Daini Senboku Hospital,
Hanwa Joint Reconstruction Center Kentaro UENO, et al.....334

1-6-OR14-6 Midflexion Laxity after Implantation Does not Correlate with Joint Awareness and Patient Satisfaction in Mobile-Bearing Posterior Stabilized Total Knee Arthroplasty
Dept. of Orthop. Surg., Hanwa Joint
Reconstruction Center, Hanwa Daini Senboku Hosp. Yohei OHYAMA, et al.....334

1-6-OR14-7 An Clinical Study of the Relationship between Flexion Insert Gap Value and Postoperative Knee Flexion Angle in Total Knee Arthroplasty
Div. of Orthop. Surg., Saiseikai Takaoka Hospital Koichi KANEKASU, et al.....335

15 : 00 ~ 16 : 05 Afternoon seminar 4 Moderator : Hajime MATSUMURA

1-6-AS4-1 Surgical Wound Management after Replacement Arthroplasty Surgery:
Improvement of Wound Healing and Clinical Results
Sonodakai Joint Replacement Center Hosp. Kazutaka SUGIMOTO, et al.....263
Sponsored by ConvaTec Japan

16 : 55 ~ 18 : 00 Oral 15 TKA Gap 2 Moderator : Makoto KONDO

1-6-OR15-1 Intraoperative evaluating method for the gap in posterior-stabilized TKA:
A comparison between curved gap gauge and tensor
Dept. of Orthop. Surg, Nihonkai General Hosp. Mitsuhiro HARIU, et al.....335

1-6-OR15-2 Effect of tibial osteotomy angle within 3 degree in Measured resection TKAs
Naniwa-ikuno Hospital Joint Arthroplasty Center Yoshiaki OKAJIMA, et al.....335

1-6-OR15-3 Flexion lateral laxity in PS type TKA causes postoperative knee pain
Dept. of Orthop. Surg, Asahikawa Med. Univ. Satomi ABE, et al.....335

1-6-OR15-4 Effect of semimembranosus tendon release on implant gap in TKA analyzed
by digital balancer
Hokkaido Orthopedic Memorial Hospital Koji SUZUKI, et al.....336

1-6-OR15-5 Evaluation of the intraoperative anterior-posterior stability of BCS TKA
Dept. of Ortho. Surg, Tokyo Univ Hiroshi INUI, et al.....336

1-6-OR15-6 Evaluation of intraoperative gap and stability in Vanguard PSRP
Dept. of Orthop. Surg., University of Tokyo Kohei KAWAGUCHI, et al.....336

1-6-OR15-7 Thinner posterior condylar affects both flexion and extension gap
in cruciate-retaining total knee arthroplasty
Morooka Orthop. Hosp. Takaaki MOROOKA.....336

Friday, February 23, Room 7

8 : 10 ~ 9 : 10 Oral 16 THA implant design 1 Moderator : Akihiro SUDO

- | | | | |
|------------|---|---------------------------------|----------------------|
| 1-7-OR16-1 | Comparison of short term results between cement less cups with new generation coating ,Regenerex and G7 in Total hip arthroplasty
Dept. of Orthop. Surg., The Jikei Univ. School of Medicine | Motoi TAKAHASHI, et al.....337 | Day 1
Feb.23(Fri) |
| 1-7-OR16-2 | Indication of a peripheral rim expanded cup.
Dept. of Orthop. Surg., National Disaster Med. Center | Masayuki SEKI, et al.....337 | Day 2
Feb.24(Sat) |
| 1-7-OR16-3 | The accuracy of acetabular component positioning in total hip arthroplasty under anterolateral supine approach
Dept. of Orthop. Surg., Kobe Univ. Graduate School of Medicine | Shingo HASHIMOTO, et al.....337 | Room 1 |
| 1-7-OR16-4 | Analysis of the acetabular component alignment guide for total hip arthroplasty
Dept. Orthop. Surg., Osaka City Univ. | Yukihide MINODA, et al.....337 | Room 2 |
| 1-7-OR16-5 | Evaluation of Tomosynthesis for Fixation in Total Hip Arthroplasty with Taperloc Microplasty and Comparision with X-ray
Dept. of Orthop. Surg. Aichi Koseiren Konan Kosei Hosp. | Masanori OKAMOTO, et al.....338 | Room 3 |
| 1-7-OR16-6 | Bone atrophy assessments in CT around the cup of uncemented total hip arthroplasty using Trilogy cup
Dept. of Orthop. Surg., St.Marianna Univ. | Takeaki YAMAMOTO, et al.....338 | Room 4 |
| 1-7-OR16-7 | Finite elemental analysis about 3D porous acetabular component
Dept. of Orthop. Surg., Gifu Univ. | Takaki MIYAGAWA, et al.....338 | Room 5 |

9 : 15 ~ 10 : 15 Oral 17 THA implant design 2 Moderator : Hajime YAMANAKA

- | | | | |
|------------|---|---------------------------------|-------------|
| 1-7-OR17-1 | Are rectangular curved short stems not suitable for elderly patients?
Dept. of Orthop. Surg., Shiseikai Daini Hosp. | Yutaro MUNAKATA, et al.....338 | Room 6 |
| 1-7-OR17-2 | Is cortical hypertrophy progressive after total hip arthroplasty with Accolade TMZF?
Osaka General Medical Center | Tetsuro TANI, et al.....339 | Room 7 |
| 1-7-OR17-3 | Examination of Flat-tapered-wedge cementless stem Xray findings -Comparison between shirt stem and standard stem-
Dept. of Orthop. Surg., Jikei Med Univ. | Tetsuo HAYAMA, et al.....339 | Room 8 |
| 1-7-OR17-4 | A radiographic comparison of SL-PLUS MIA stem and SL-PLUS MIA HA stem
Dept. of Orthop. Surg., Yufuin Hosp. | Ai TANAKA, et al.....339 | Room 9 |
| 1-7-OR17-5 | Postoperative radiological evaluation of Primary Total Hip Arthroplasties using a Corail HA coated cementless stem
Dept. of Orthop. Surg., Sonoda Joint Replacement Center Hosp. | Hiromasa MITSUI, et al.....339 | Poster Room |
| 1-7-OR17-6 | X-ray evaluation of wedge tapered stem ANTHOLOGY Hip prosthesis
Dept.of Joint Replacement Center, Tokyo Medical Center, National Hospital Organization | Yoshinari FUJITA, et al.....340 | Poster Room |

Day 1
Feb.23(Fri)

1-7-OR17-7 X-ray evaluation of wedge tapered stem Accolade2
Dept. of Joint Replacement Center, Tokyo
Medical Center, National Hospital Organization Yoshinari FUJITA, et al.....340

10 : 20 ~ 11 : 20 Oral 18 THA implant design 3 Moderator : Etsuo CHOSA

Day 2
Feb.24(Sat)

1-7-OR18-1 Correlation factors and flexibility of J-Taper stem version
Dept. of Orthop. Surg., Kagoshima Univ. Yusuke FUJIMOTO, et al.....340

Room 1

1-7-OR18-2 A radiographic comparison of early sinking and stem alignment of SL-PLUS MIA and MIA HA stem in total hip arthroplasty
Dept. of Orthop. Surg., Kushiro Red Cross Hospital Junya SHIMIZU, et al.....340

Room 2

1-7-OR18-3 Examination of the tapered wedge stem (Initia) in THA
Science of Functional Recovery and
Reconstruction, Okayama Univ. Graduate Sch. Takamasa MIYAKE, et al.....341

Room 3

1-7-OR18-4 Depending on the difference in shape bone reaction of Zweymuller stem
Showa Univ. Yokohama Northern Hospital Noriyuki HEMMI, et al.....341

Room 4

1-7-OR18-5 Comparison between Non HA and HA coating in the SL-PLUS MIA stem
Dept. of Orthop. Surg. Osaka Rosai Hosp. Shirou OKAZAKI, et al.....341

Room 5

1-7-OR18-6 Long-term results of total hip arthroplasty using a reduced proximal flare stem designed for dysplastic femora with high offset option
Dept. of Orthop. Surg., Univ. of Tsukuba Tomofumi NISHINO, et al.....341

1-7-OR18-7 The bone reaction of a silver oxide-containing hydroxyapatite coating antibacterial cementless stem
Dept. of Orthop. Surg., Saga Univ. Shunsuke KAWANO, et al.....342

11 : 35 ~ 12 : 40 Luncheon seminar 7 Moderator : Masashi NAWATA

Room 6

1-7-LS7-1 Respecting Knee Kinematics with the Physica system
Orthop. Depart., Sant Anna Hosp. and Orthop.
and Rehab. Depart., San Camillo Hosp., Italy Luca MAREGA.....253
Sponsored by Lima Japan K.K.

Room 7

13 : 50 ~ 14 : 50 Oral 19 THA navigation 1 Moderator : Yukiharu HASEGAWA

Room 8

1-7-OR19-1 Evaluation of the accuracy of newly developed CT-based navigation system for total hip arthroplasty
Dept. of Intelligent Orthop. System
Development, Okayama Univ. Kazuo FUJIWARA, et al.....342

Room 9

1-7-OR19-2 Attempt to improve accuracy of PSI for THA using laser pointer
Yamanashi Joint Reconstruction
Center, Kofu Municipal Hosp. Masahiro NAKAMURA, et al.....342

Poster Room

1-7-OR19-3 Changes in intraoperative internal and external rotational regions by changing anteversion of S-ROM stem. Navigation study
Nissan Tamagawa Hosp. Hiroyuki OGAWA, et al.....342

1-7-OR19-4	The analysis of the thigh pain and initial fit of tapered wedge stem using three dimensional software Dept of Orthop Surg, Graduate School of Medical Sciences, Kanazawa Univ.	Junya YOSHITANI, et al.....343	Day 1 Feb.23(Fri)
1-7-OR19-5	Three dimensional intramedullary fitting patterns of curved short stem Implant & Joint Surg. Center, JCHO Osaka Hospital	Katsuya NAKATA, et al.....343	Day 2 Feb.24(Sat)
1-7-OR19-6	Clinical results of total hip arthroplasty combined with femoral subtrochanteric osteotomy with cup installation using navigation system Dept. of Orthop. and Traumatol., Oita Univ.	Tomonori TABATA, et al.....343	Room 1
1-7-OR19-7	Comparison of the Clinical Results after THA Using CT-based Navigation Between Patients with Osteonecrosis and Osteoarthritis: Propensity Score Matched Analysis Dept. of Orthop. Surg., Osaka Univ.	Kazuma TAKASHIMA, et al.....343	Room 2

15 : 00 ~ 16 : 05 Afternoon seminar 5

Moderator : Akihiro SUDO

1-7-AS5-1	Prevention of Dislocation and Leg Length Discrepancy Risk after Total Hip Arthroplasty -the Role of the Exchangeable Femoral Neck Prosthesis- Dept. of Bone Joint Surg., Ehime Univ.	Hiroshi IMAI.....263 Sponsored by ROBERT REID INC.	Room 3
-----------	---	---	--------

16 : 55 ~ 18 : 00 Oral 20 THA navigation 2

Moderator : Nobuo NAKAMURA

1-7-OR20-1	How do we treat against the coronal tilt of the pelvis on THA in the lateral position? Shiraniwa Hosp. Orthop. Surg.	Kentaro IWAKIRI, et al.....344	Room 4
1-7-OR20-2	Initial Results of an Acetabular Center Axis Registration Technique in Navigated Hip Arthroplasty Dept. of Orthop. Surg., Kikkoman General Hosp.	Hiroshi WADA, et al.....344	Room 5
1-7-OR20-3	Accuracy of implanting acetabular component with Hip Signature in total hip arthroplasty Dept. of Orthop. Surg., Graduate School of Medical Science, Kanazawa Univ.	Dasiuke INOUE, et al.....344	Room 6
1-7-OR20-4	Accuracy comparison between portable navigation and CT-based navigation using Three-Dimensional THA planning software Dept. of Bone and Joint Surg., Ehime Univ. Graduate School of Medicine	Joji MIYAWAKI, et al.....344	Room 7
1-7-OR20-5	Comparison of Navigation Accuracy between Experienced and Inexperienced Surgeons Dept. of Orthop. Surg., Osaka National Hosp.	Ichiro NAKAHARA, et al.....345	Room 8
1-7-OR20-6	Reproducibility of the Preoperative Planning of the S-ROM Sstem with the Patient Specific Template Implant and Joint Surgery Center, Osaka Hospital	Makoto KITADA, et al.....345	Room 9
1-7-OR20-7	The accuracy of potable navigation device HipAlign in total hip arthroplasty in a lateral decubitus position Dept. of Musculoskeletal Surg., Mie Univ. Postgraduate School of Medicine	Yohei NAITO, et al.....345	Poster Room

Friday, February 23, Room 8

8 : 10 ~ 9 : 10 Oral 21 THA biomechanics

Moderator : Hiroataka IGUCHI

- | | | | |
|----------------------|------------|--|----------------------------------|
| Day 1
Feb.23(Fri) | 1-8-OR21-1 | Dynamic hip kinematics during chair-rising before and after total hip arthroplasty
Dept. of Orthop. Sug., Kyushu Univ. | Kyohei SHIOMOTO, et al.....345 |
| Day 2
Feb.24(Sat) | 1-8-OR21-2 | Muscle atrophy in osteoarthritis of the hip
Dept. of Orthop. Surg., Chiba Univ. | Shigeo HAGIWARA, et al.....346 |
| Room 1 | 1-8-OR21-3 | In vivo kinematics analysis of squatting before and after total hip arthroplasty
Dept. of Orthop. Surg., Kyushu Univ. | Keisuke KOMIYAMA, et al.....346 |
| Room 2 | 1-8-OR21-4 | Optimal direction of the compressive force for the insertion and fixation of collared double taper stem
Dept. of Orthop. and Musculoskeletal Surg.,
Graduate School of Medicine, Kyoto Univ. | Koji GOTO, et al.....346 |
| Room 3 | 1-8-OR21-5 | Relationship between length of tapered wedge hip stem and fitting pattern.
-Is distal portion of conventional tapered wedge stem obstructive? -
Dept. of Orthop. Surg., Marunouchi Hosp. | Masashi NAWATA, et al.....346 |
| Room 4 | 1-8-OR21-6 | Gait and muscle strength after total hip arthroplasty
Juntendo Univ. Urayasu Hospital | Katsuhiko MAEZAWA, et al.....347 |
| Room 5 | 1-8-OR21-7 | Can normal hip joint alignment be reproduced by modular neck femoral stem in elderly patients ?
Dept. of orthop. Surg., Niigata Medical Center | Yuki TAKAHASHI, et al.....347 |

9 : 15 ~ 10 : 15 Oral 22 THA infection

Moderator : Satoshi NAGOYA

- | | | | |
|-------------|------------|---|---------------------------------|
| Room 6 | 1-8-OR22-1 | A Case of Late Infection Due to <i>Campylobacter fetus</i> after Total Hip Arthroplasty
Dept. of Orthop. Surg, Hyogo
Rehabilitation Center Hosp. | Kiminari KATAOKA, et al.....347 |
| Room 7 | 1-8-OR22-2 | Clinical effect of preoperative screening and decolonization of methicillin-resistant Staphylococcus aureus in total joint arthroplasty
Osaka General Medical Center | Takanori SHIMIZU, et al.....347 |
| Room 8 | 1-8-OR22-3 | On the prophylactic effect of Antibiotics loaded bone cement (ALBC) in Total Hip Arthroplasty
Dept. of Orthop. Surg., Aichi Medical Univ. | Takkan MORISHIMA, et al.....348 |
| Room 9 | 1-8-OR22-4 | Study of intraoperative operating room cleanliness in total hip arthroplasty
Dept. of Orthop. Surg., Tokyo Medical Univ. | Jun NISHINE, et al.....348 |
| Poster Room | 1-8-OR22-5 | Our devices to prevent surgical site infection in primary total hip arthroplasty in our hospital
Dept. of Orthop., Juntendo Univ. Nerima Hosp. | Koichi MAEDA, et al.....348 |
| | 1-8-OR22-6 | Clinical Results of Surgical Treatment for Periprosthetic Hip Joint Infection
Dept. of Orthop. Surg., Kagawa Univ. Faculty of Medicine | Ken IWATA, et al.....348 |

1-8-OR22-7 Treatment of Periprosthetic Joint Infection After Hip Arthroplasty in Our Hospital
 Dept. of Orthop. Surg., Sapporo Medical Univ. Arata KANAIZUMI, et al.....349

Day 1
Feb.23(Fri)

10 : 20 ~ 11 : 20 Oral 23 Revision THA (Cup) Moderator : Haruo KAWAMURA

1-8-OR23-1 Revision arthroplasty using a Burch-Schneider Reinforcement Cage for massive acetabular bone defect
 Dept. of Orthop. Surg. and Joint Center, Kurume University Medical Center Shinichiro KUME, et al.....349

Day 2
Feb.24(Sat)

1-8-OR23-2 Long-term Clinical Results of Revision Total Hip Arthroplasty with Retained Cementless Acetabular Component
 Dept. of Orthop. Surg., Graduate School of Medicine, Nagoya Univ. Takehiro KASAI, et al.....349

Room 1

1-8-OR23-3 Accuracy of Angle and Position of the KT Plate Using the Patient Specific Full-size Pelvic Model and CT-based Navigation System
 Implant and Joint Surgery Center, Osaka Hospital Koji KATO, et al.....349

Room 2

1-8-OR23-4 Revision total hip arthroplasty with KT plate, allogeneic bone graft and interface bioactive bone cements
 Joint Replacement Center, Aomori Jikeikai Hosp. Mamoru AKITA, et al.....350

Room 3

1-8-OR23-5 Acetabular Reconstruction by Impaction Bone Grafting for Revision THA should be performed to Cases without Massive Bone Column Deficiency
 Dept. of Orthop. Surg., Matsudo City Hosp. Satoshi IIDA, et al.....350

Room 4

1-8-OR23-6 Incorporation of bulk allograft using revision total hip arthroplasty
 Dept. of Orthop. Surg., Shiga Medical Center Keiichi KAWANABE, et al.....350

Room 5

1-8-OR23-7 Metal Augmentation Combined With Cemented Cup For Acetabular Bone Defect In Revision THA
 Dept. of Orthop. Surg. and Rheumatology, Nagoya Medical Center Yosuke HATTORI, et al.....350

Room 6

11 : 35 ~ 12 : 40 Luncheon seminar 8 Moderator : Yoshitada HARADA

1-8-LS8-1 Surgical Tips and Pitfalls of Curved Short Stem
 Implant & Joint Surg. Center, JCHO Osaka Hosp. Katsuya NAKATA.....254
 Sponsored by Mathys KK

Room 7

13 : 50 ~ 14 : 50 Oral 24 THA dislocation Moderator : Isao MATSUSHITA

Room 8

1-8-OR24-1 The prognosis and optimal timing of revision surgery for dislocation in primary total hip arthroplasty
 Dept. of Orthop., Red Cross Tottori Hosp. Yuji KISHIMOTO, et al.....351

Room 9

1-8-OR24-2 Is the G7 dual mobility system effective for preventing postoperative dislocation in primary and revision total hip arthroplasty?
 Dept. of Orthop. Surg., Kanazawa Medical Univ. Kiyokazu FUKUI, et al.....351

Poster Room

1-8-OR24-3 Optimal anterior offset for avoiding impingement in total hip arthroplasty
 Dept. of Artificial Joints and Biomaterials, Graduate School, Hiroshima Univ. Takeshi SHOJI, et al.....351

Day 1
Feb.23(Fri)
Day 2
Feb.24(Sat.)
Room 1
Room 2
Room 3
Room 4
Room 5
Room 6
Room 7
Room 8
Room 9
Poster Room

1-8-OR24-4	Optimal combined anteversion pattern to prevent dislocation in total hip arthroplasty Dept. Orthop. Surg. Kanazawa Univ. Hosp.	Takaaki OHMORI, et al.....351
1-8-OR24-5	The cause of dislocation after THA with direct anterior approach Matsudo Orthopedic Hospital	Koya KAMIKAWA, et al.....352
1-8-OR24-6	The Result of Measures to Avoid Dislocations after Total Hip Arthroplasty at a Geriatric Hospital Dept. of Orthop. Surg., Tokyo Metro. Geriatric Hosp.	Hiroshi HAMAJI, et al.....352
1-8-OR24-7	Effect of posterior capsule for the stability of hip joint Dept. of Orthop. Surg., Toyama Prefectural Central Hosp.	Takuya NAKAMURA, et al.....352
15 : 00 ~ 16 : 05 Afternoon seminar 6		Moderator : Hidenobu MIKI
1-8-AS6-1	Three-dimensionally Consideration for Total Hip Arthroplasty Dept. of Orthop. Surg., Jyuzen Memorial Hosp.	Hiroshi KOYAMA.....264
1-8-AS6-2	Application of 3D Models and 3D Printers on Hip Joint Surgery -the Practice of PST Guide- Dept. of Rehab., Kitasato Univ. Sch. of Allied Health Sciences	Naonobu TAKAHIRA, et al.....264 Sponsored by Japan MDM, Inc.
16 : 55 ~ 18 : 00 Oral 25 THA revision		Moderator : Kenji KAWATE
1-8-OR25-1	Short-term results of femoral revision with polished double-tapered collarless stems Dept. of Orthop. Surg., Gifu Municipal Hosp.	Takatoshi YAMAMOTO, et al.....352
1-8-OR25-2	Revision total hip arthroplasty with megaprosthesis Dept. of Orthop. Surg Okayama Univ. Graduate School of Medicine, Dentistry, and Pharmaceutical Sciences	Tomoaki SANKI, et al.....353
1-8-OR25-3	Rotational instability of taper polished stem on revision THA Dept.of Orthop. Surg., Yamagata Univ.	Kan SASAKI, et al.....353
1-8-OR25-4	Six cases fixed to the femoral allograft bone plate with ultrahigh molecular weight polyethylene fiber cable in Revision THA Dept. of Orthop. Surg. Hamamatsu Medical Center	Genta TAKEMOTO, et al.....353
1-8-OR25-5	Three-dimensional Printed Bone Models for Surgical Simulation of Revision Hip Arthroplasty Dept. of Orthop. Surg., Ehime Univ.	Naohiko MASHIMA, et al.....353
1-8-OR25-6	Revision THA with cemented long stem for the periprosthetic femoral fractures after cemented stem THA Science of Functional Recovery and Reconstruction, Okayama Univ. Graduate School of Medicine	Hirosuke ENDO, et al.....354
1-8-OR25-7	Evaluation of preoperative factors affecting activity of daily living, quality of life, and satisfaction after revision total hip arthroplasty Dept. of Orthop. Surg., Kobe Univ.	Yuichi KURODA, et al.....354

Friday, February 23, Room 9

8 : 10 ~ 9 : 10 Oral 26 TKA kinematics

Moderator : Hideo MATSUMOTO

- | | | |
|------------|---|----------------------|
| 1-9-OR26-1 | Three-dimensional mechanical axis of total knee arthroplasty during gait
Dept. of Rehabilitation, Hakodate Orthopedic Clinic Kengo UKISHIRO, et al.....354 | Day 1
Feb.23(Fri) |
| 1-9-OR26-2 | An anteroposterior tibial translation under weight-bearing condition in bicruciate retaining TKA
Dept. of Orthop. Surg., Hiroshima City Hosp. Mitsuhiro NAKAMURA, et al.....354 | Day 2
Feb.24(Sat) |
| 1-9-OR26-3 | Effect of implant design and position on iliotibial band after total knee arthroplasty
Dept. of Orthop. Surg., Kyushu Univ. Koji MURAKAMI, et al.....355 | Room 1 |
| 1-9-OR26-4 | Effect of Insert Geometry of the Bicruciate-retaining Total Knee Arthroplasty on Rotational Knee Kinematics -an in vitro study-
Dept. of Orthop., Tokushima Univ. Daisuke HAMADA, et al.....355 | Room 2 |
| 1-9-OR26-5 | Bi-cruciate retaining TKA exhibits no paradoxical anterior motion but shows excessive lateral collateral ligament and bi-cruciate ligament tightness during flexion
Dept. of Orthop. Surg., Kyoto Univ. Shinichi KURIYAMA, et al.....355 | Room 3 |
| 1-9-OR26-6 | Adjustment methods to compensate for wider flexion gaps can cause adverse effects in posterior cruciate ligament-sacrificed total knee arthroplasty
Dept. of Orthop. Surg., Kyoto Univ. Mutsumi WATANABE, et al.....355 | Room 4 |
| 1-9-OR26-7 | Efforts to develop total knee arthroplasty with anterior cruciate ligament reconstruction
Dept. of Orthop. Surg., Ehime Univ. Kazunori HINO, et al.....356 | Room 5 |

9 : 15 ~ 10 : 15 Oral 27 Patient satisfaction after TKA 1

Moderator : Koichi KANEKASU

- | | | |
|------------|--|-------------|
| 1-9-OR27-1 | Comparison of patient satisfaction after Total Knee Arthroplasty and Total Hip Arthroplasty
Dept. of Orthop. Surg., Osaka Rosai Hosp. Shintaro TAKAHASHI, et al.....356 | Room 6 |
| 1-9-OR27-2 | Correlation between Aging and Patient Satisfaction after Total Knee Arthroplasty
Dept. of Bone and Joint Surg., Ehime Univ. Graduate School of Medicine Yasumitsu ISHIMARU, et al.....356 | Room 7 |
| 1-9-OR27-3 | Patient reported outcome using JKOM after total knee arthroplasty
Ogori Daiichi General Hospital Masanori MUTOU, et al.....356 | Room 8 |
| 1-9-OR27-4 | Utility of the Forgotten Joint Score for the Patient Satisfaction Measurement Tool after Total Knee Arthroplasty
Dept. of Orthop. Surg., Hanwa Joint Reconstruction Center, Hanwa Daini Senboku Hosp. Yohei OHYAMA, et al.....357 | Room 9 |
| 1-9-OR27-5 | Examination of efficacy of Japanese Forgotten Joint Score after total knee arthroplasty
Shiga Univ. of Medical Science Dept. of Orthop. Kohei SHIBATA, et al.....357 | Poster Room |

Day 1
Feb.23(Fri)
1-9-OR27-6 Correlation between Forgotten Joint Score-12 and The 2011 Knee Society
Knee scoring System
Dept. Orthop. Surg. of Yachiyo Medical
Center of Tokyo Women's Medical University Hiroto TANIGUCHI, et al.....357

Day 2
Feb.24(Sat.)
1-9-OR27-7 Association between limb alignment and patient-reported outcomes after TKA
using a prosthesis that reproduces physiological joint line
Dept. of Orthop. Surg., Toho Univ. Sakura Med. Center Arata NAKAJIMA, et al.....357

10 : 20 ~ 11 : 10 Oral 28 TKA basic research Moderator : Norishige IIZAWA

Room 1
1-9-OR28-1 Tibial component debonding in high flex total knee arthroplasty
Hokkaido Orthopaedic Memorial Hospital Noriyuki HARA, et al.....358

Room 2
1-9-OR28-2 Comparison of the periprosthetic bone mineral density change between Medial
Pivot PS component and Conventional PS component
Dept. of Orthop. Surg., Osaka City
Univ. Graduate School of Medicine Suguru NAKAMURA, et al.....358

Room 3
1-9-OR28-3 Effect of Teriparatide to Bone Absorption around Tibial Component in
Total Knee Arthroplasty
Dept. of Orthop. Surg., Saga Univ. Satomi NAGAMINE, et al.....358

Room 4
1-9-OR28-4 The osteoporotic treatment inhibits bone resorption after bilateral knee arthroplasty
Dept. Orthop Surg., The Jikei Univ. Sch. of Med. Mitsuru SAITO, et al.....358

Room 5
1-9-OR28-5 Peri-prosthetic BMD after Simultaneously Bilateral TKA Under Oral Alendronate
Therapy -Comparison between Mobile- and Fixed -bearing Prostheses-
Dept. of Orthopedic. Sure., Osaka City
Univ. Graduate School of Medicine. Hideki UEYAMA, et al.....359

Room 6
1-9-OR28-6 A Mobile-Bearing Total Knee Arthroplasty Prevents Periprosthetic Loss of Bone
Mineral Density Around the Femoral Component
Dept. of Orthop. Surg., Osaka City Univ. Yukihide MINODA, et al.....359

11 : 35 ~ 12 : 40 Luncheon seminar 9 Moderator : Makoto KAWASAKI

Room 7
1-9-LS9-1 Patient Warming's Role in the Prevention of Orthopedic Infections
Augustine Temperature Management, LLC, USA Scott AUGUSTINE.....254
Sponsored by PARAMOUNT BED CO., LTD.

13 : 50 ~ 14 : 50 Oral 29 TKA BCR and BCS Moderator : Yasuo NIKI

Room 8
Room 9
1-9-OR29-1 Why Remove Healthy Ligaments ?Bicruciate preserving Arthroplasty :BCR-TKA
Sonoda Joint Replacement Center Hospital Kazutaka SUGIMOTO, et al.....359

1-9-OR29-2 Short term clinical results of Total Knee arthroplasty with JourneyII BCS
Dept. of Orthop. Surg., Matsudo City Hosp. Taisei KAWAMOTO, et al.....359

Poster Room
1-9-OR29-3 Comparison of Short-term Results of Journey II BCS and LEGION in Total Knee
Arthroplasty for Medial Knee Osteoarthritis
Dept. of Orthop. Surg., Osaka National Hosp. Keiji IWAMOTO, et al.....360

1-9-OR29-4	The evaluation of the ACL function in the knee arthroplasty Dept of Orthop. Surg., Kamimoku Spa Hosp. Takanori IRIUCHISHIMA, et al.....360	Day 1 Feb.23(Fri)
1-9-OR29-5	Clinical results of BCS and PS TKA: Comparison with propensity score matching Dept. of Orthop. Surg., Tokyo Women's Medical Univ. Ken OKAZAKI, et al.....360	Day 2 Feb.24(Sat)
1-9-OR29-6	Evaluation of Factor which Influence of Step Up-down Ability in Bi-cruciate Stabilizing TKA Orthop. Surg., Graduate School of Medicine, The Univ. of Tokyo Keiu NAKAZATO, et al.....360	Room 1
1-9-OR29-7	The component gap of bi-cruciate retaining TKA-Comparison of CR TKA, UKA- Dept. of Orthop. Surg., Nagoya City Univ. Masahiro NOZAKI, et al.....361	Room 2

15 : 00 ~ 16 : 05 Afternoon seminar 7

Moderator : Masaaki MATSUBARA

1-9-AS7-1	A Trial of Femoral Osteotomy Guide for Total Hip Arthroplasty Saiseikai Niigata Daini Hosp. Tomoyuki ITO.....265	Room 3
1-9-AS7-2	THA in Lateral Position Using ZedHip, APP Lateral Positioner and iFlexG. -How to improve the accuracy of cup position easily- Dept. of Orthop. Surg., Shiraniwa Hosp. Kentaro IWAKIRI.....265 Sponsored by LEXI Co., Ltd.	Room 4

16 : 55 ~ 18 : 00 Oral 30 Patient Satisfaction after TKA 2

Moderator : Shinichiro NAKAMURA

1-9-OR30-1	Relevance to Psychological, Pain and Function in Preoperative and Postoperative Bilateral Total Knee Arthroplasty Dept. of Rehab., Funabashi. Orthop. Hosp Hidenori MIYAUCHI, et al.....361	Room 5
1-9-OR30-2	Investigation of factors related to patient satisfaction after total knee arthroplasty Dept. Rehabilitation, Anshin clinic Takeru YAGIHASHI, et al.....361	Room 6
1-9-OR30-3	Investigate of the Factor and the Reference Value Have an Effect of Pain after Total Knee Arthroplasty at 1 Year Dept. of Rehabilitation, Keiyu Orthop. Hosp. Yuta KAWASHIMA, et al.....361	Room 7
1-9-OR30-4	The Relation between Satisfaction and Pain Visual Analogue Scale, and Patient-based Outcome Score (KOOS) following Total Knee Arthroplasty Toshiba Rinkan Hospital Joint Reconstruction Center Haruka FUJISAWA, et al.....362	Room 8
1-9-OR30-5	Relationship patient satisfaction and JFJS-12 after total knee arthroplasty Dept.ofReha.Fukuoka Mirai Hosp. Soichiro FUJITA, et al.....362	Room 9
1-9-OR30-6	Correlation between Forgotten Joint Score-12 and ROM after TKA Tokyo Women's Medical Univ. Yachiyo Medical Center Dept. Orthop. Surg. Nobuyuki YOSHIMOTO, et al.....362	Poster Room
1-9-OR30-7	The Relevance between Patient's Satisfaction and the placement of TKA Dept. of Orthop. Surg., Yamaguchi Univ. Hosp. Takehiro KANEOKA, et al.....362	

Friday, February 23, Poster Room

12 : 45 ~ 13 : 15 Poster 1 Clinical results of THA 1

Moderator : Keiichi KAWANABE

- | | | | |
|----------------------|---------|--|------------------------------------|
| Day 1
Feb.23(Fri) | 1-PS1-1 | Assessment of biological fixation between a cementless tapered-wedge stem and the femur using digital tomosynthesis
Dept. of Orthop Surg., Hirosaki Univ. Graduate School of Medicine | Ryo INOUE, et al.....429 |
| Day 2
Feb.24(Sat) | 1-PS1-2 | The Relationship of the Type of Stem Fixation and Periprosthetic BMD
Dept. of Orthop. Surg., Osaka Rosai Hosp. | Mitsuyoshi YAMAMURA, et al.....429 |
| Room 1 | 1-PS1-3 | Comparison of early bone reaction of the CLS and GTS stems
Dept. Orthop. Surg., Shinkokura Hospital | Toshiharu MORI, et al.....429 |
| Room 2 | 1-PS1-4 | Evaluation of contact points of corail stem after total hip arthroplasty
Dept. of Orthop. Surg., Yamaguchi Univ. | Takashi IMAGAMA, et al.....429 |
| Room 3 | 1-PS1-5 | Postoperative bone mineral density change and reactive line at 1 year after hip replacement surgery using CORAIL stem
Showa University Fujigaoka Hospital | Minoru WATANABE, et al.....430 |
| Room 4 | 1-PS1-6 | Long-term results concering bone transformation around the stem of VerSys FM Taper in primary THA
Sumitomo Hosp. Dept. of Orthop. Surg. | Kosuke TSUDA, et al.....430 |

13 : 15 ~ 13 : 45 Poster 2 Clinical results of THA 2

Moderator : Masahiko NOZAWA

- | | | | |
|-------------|---------|--|-----------------------------------|
| Room 5 | 1-PS2-1 | Short-term results of the CORAIL femoral prosthesis
Dept. of Orthop. Surg., Ritsurin Hosp. | Takahiro NEGAYAMA, et al.....430 |
| Room 6 | 1-PS2-2 | Characteristics of corail collarless stem after total hip arthroplasty
Dept. of Orthop. Surg., Yamaguchi Univ. | Takashi IMAGAMA, et al.....430 |
| Room 7 | 1-PS2-3 | Preliminary Report of Total Hip Arthroplasty using the Global Tissue Sparing Stem (GTS Stem)
Institute of Joint Replacement and Rheumatology, Zama General Hosp. | Hiroshi SUNAMI, et al.....431 |
| Room 8 | 1-PS2-4 | Early clinical and radiographical results using the curved short stem MINIMA with calcar-guided insertion in total hip arthroplasty
Dept. of Orthop. Surg. Toyamaken Saiseikai Takaoka Hosp. | Hiroshi HISAKADO, et al.....431 |
| Room 9 | 1-PS2-5 | Predictive factors of the Japanese Orthopaedic Association Hip-Disease Evaluation Questionnaire pain subscale at six months after primary total hip arthroplasty
Dept. of Orthop. Surg. Shonan Kamakura Joint Reconstruction Center | Satoshi TAKAYANAGI, et al.....431 |
| Poster Room | 1-PS2-6 | On the Correlation Among IADL Degree of Performance and Satisfaction Regards To Living Space For the Women After THA
Nekoyama Miyao Hosp. | Ryosuke TAKEDA, et al.....431 |

12 : 45 ~ 13 : 10 Poster 3 Clinical results of THA 3		Moderator : Yoshitomo KAJINO
1-PS3-1	Zone classification of X-ray evaluation of cementless stem Dept. of Orthop. Surg., Nissan Tamagawa General Hospital	Atsuko SATO, et al.....432
1-PS3-2	Bone mineral density in unaffected femoral neck affects periprosthetic bone mineral density after total hip arthroplasty Dept. of Orthop. Surg., Tsukuba Univ.	Hironori TAKEHASHI, et al.....432
1-PS3-3	Change of the Bone mineral density of the femur for the patients with osteoporosis after total hip arthroplasty Dept. of Orthop. Surg., Osaka Minami Medical Center	Hirohito ABE, et al.....432
1-PS3-4	Relationship between change of periprosthetic bone mineral density and lateral view alignment of tapered wedge-designed cementless stem Dept. of Orthop. Surg., Toyama Rosai Hosp.	Yoshiaki ITO, et al.....432
1-PS3-5	Stem anteversion mismatch to the anatomical anteversion causes loss of peri-prosthetic bone density after THA Dept. of Orthop. Surg., Kobe Univ. Graduate School of Medicine	Shinya HAYASHI, et al.....433
12 : 45 ~ 13 : 15 Poster 4 Clinical results of THA • cementless 1		Moderator : Masaki NAKAMURA
1-PS4-1	Clinical results of Total hip arthroplasty after acetabular fracture Dept. of Bone and Joint Surg., Ehime Univ. Graduate School of Medicine	Tomomi KAMADA, et al.....433
1-PS4-2	Clinical results of cementless total hip arthroplasty for patients over 80 years age Dept. of Reha., NTT West Osaka Hosp.	Satoshi YAMASAKI, et al.....433
1-PS4-3	The Evaluation of Fixation Style of J-taper Stem Dept. of Orthop. Surg., JCHO Tokuyama Central Hosp.	Kentarou HAGI, et al.....433
1-PS4-4	Short-term clinical results of the highly porous cup in cementless Total Hip Arthroplasty Dept. Bone Joint Surg. Ehime Univ.	Hiroshi IMAI, et al.....434
1-PS4-5	Short term clinical results of cementless total hip arthroplasty with Wagner Cone stem Dept. of Orthop. Surg., Kagawa Univ.	Masashi SHIMAMURA, et al.....434
1-PS4-6	Short-stem outcome of THA using the Optimys stem Dept. of Orthop. Surg., Showa Univ. Fujigaoka Hosp. Sch. of Med	Satoe TANABE, et al.....434
13 : 15 ~ 13 : 45 Poster 5 Clinical results of THA • cementless 2		Moderator : Ichiro OWAN
1-PS5-1	Influence of leg length discrepancy on clinical outcomes after total hip arthroplasty Kobe City Medical Center General Hospital	Tatsuya SUEYOSHI, et al.....434
1-PS5-2	Short-term results of total hip arthroplasty using SQRUM TT Acetabular Cup System Yamaguchi Rousai Hosp. Dept. of Orthop. Surg.	Yasuhiro YAMAOKA, et al.....435
1-PS5-3	Short-term Results of M/L Taper Kinectiv stem Nihon Univ. Hosp. Orthop. Surg.	Shintaro MISHIMA, et al.....435

Day 1
Feb.23(Fri)Day 2
Feb.24(Sat)

Room 1

Room 2

Room 3

Room 4

Room 5

Room 6

Room 7

Room 8

Room 9

Poster Room

Day 1
Feb.23(Fri)
1-PS5-4 Results of PINNACLE acetabular cuo in THA
Yamaguchi Univ. Graduate School
of Medicine Dept. of Orthop. Surg. Atsunori TOKUSHIGE, et al.....435

Day 2
Feb.24(Sat.)
1-PS5-5 Short-term Results of ANTHOLOGY Primary Hip System, cementless hip prosthesis
Dept. of Orthop. Surg., Nagasaki Univ. Takayuki SHIDA, et al.....435

1-PS5-6 Results of the Total Hip Arthroplasty which passed more than 5 years
Dept. of Rehabilitation, Keiyu Orthop. Hosp. Takatoshi KANEKO, et al.....436

Room 1
12 : 45 ~ 13 : 10 Poster 6 THA implant design 1 Moderator : Satomi ABE

Room 1
1-PS6-1 Treatment with Modulus Stem in cases with Post-operative Deformity
of the Proximal Femur
Dept. of Orthop. Surg., Nippon
Medical School Musashi Kosugi Hosp. Yoshihiko SATAKE, et al.....436

Room 2
1-PS6-2 Short-term Clinical Results of the Femoral Stems with Exchangeable Necks
in Total Hip Arthroplasty for Dysplastic Hip
Dept. of Bone and Joint Surg., Ehime
Univ. Graduate School of Medicine Takashi INOUE, et al.....436

Room 3
1-PS6-3 Experience of using MODULUS STEM for difficult case in primary THA
Dept. of Orthop. Surg., Kanazawa medical Univ. Eiji TAKAHASHI, et al.....436

Room 4
1-PS6-4 Short-term Results of modular neck total hip arthroplasty for osteoarthritic hip
with short neck
Dept. of Orthop. Surg., Jusendo General Hosp. Fumihiko ARA, et al.....437

Room 5
1-PS6-5 Investigation of short term results and Modular neck in total hip arthroplasty
using RECTA stem
Izumi Municipal Hospital Yuki SHIBATA, et al.....437

Room 6
13 : 10 ~ 13 : 45 Poster 7 Clinical results of THA · cementless 3 Moderator : Takaaki SHISHIDO

Room 7
1-PS7-1 Short term outcomes of THA using cementless short stem
Funabashi Orthopedic Hospital Tatsuya TAMAKI, et al.....437

Room 7
1-PS7-2 The influence of implant position for forgotten joint score 12 and JHEQ evaluated
after total hip arthroplasty
Dept. of Orthopedic Surgery, Sapporo Medical University Ima KOSUKEGAWA, et al.....437

Room 8
1-PS7-3 The Influence of Obesity of Patients on Primary Total Hip Arthroplasty (THA)
with Direct Anterior Approach (DAA)
Dept. of Orthop. Surg., Dokkyo Medical Univ Kanako SHIBA, et al.....438

Room 9
1-PS7-4 Consideration of 6 primary THA and 2 Cup revision of 90 years of age or older
Dept. of Orthop. Surg., Showa Univ. Fujigaoka Hosp. Mariko ASAH, et al.....438

Poster Room
1-PS7-5 Short-term Results of Tri-Lock Bone Preservation Stem
Dept. of Orthop. Surg., Fujita Health Univ. Makoto KATO, et al.....438

1-PS7-6 Factors Affecting Post-operative Pain Of THA On Modified Watson-Jones Approach
Dept. of Orthop. Surg., Nissan Tamagawa Hosp. Yui MAEKAWA, et al.....438

1-PS7-7 Short term result of bipolar hip arthroplasty and total hip arthroplasty for femoral neck fracture using propensity score matching method
Dept. of Orthop. Surg., Saitama Redcross Hosp. Ryota SHINADA, et al.....439

12 : 45 ~ 13 : 05 Poster 8 THA surgical technique cement Moderator : Hisanori OURA

1-PS8-1 Factors that affect patient-reported outcome after total hip arthroplasty (THA)
Dept. of Orthop. Surg., Kyoto Univ. Masanao KATAOKA, et al.....439

1-PS8-2 A Device to eliminate setting time variation of bone cement in total hip arthroplasty
Dept. Orthop. Surg., Nagasaki Rosai Hosp. Hisataka GOTO, et al.....439

1-PS8-3 Experience of reconstruction of acetabular by impaction bone grafting method in cement THA
General Aoyama Hospital Tadashi ITO, et al.....439

1-PS8-4 Short term result of total hip arthroplasty after proximal femoral osteotomy without subtrochanteric osteotomy
Dept. of Orthop. Surg., Fukushima Medical Univ. Hironori OHASHI, et al.....440

13 : 05 ~ 13 : 35 Poster 9 THA surgical technique cementless Moderator : Hiroshi EGAWA

1-PS9-1 Techniques of Acetabular Cup Placement in DAA-THA with Intraoperative Fluoroscopic Imaging
Dept. of Bone and Joint Orthop, Surg., Japanese Red Cross Medical Center Masaki HATANO, et al.....440

1-PS9-2 Relationship between combined anteversion and intraoperative tendency of dislocation in cementless THA by postero-lateral approach
Ohashi-Tani Orthopaedics Satoru OHASHI, et al.....440

1-PS9-3 Comparison of conventional operating table and traction operating table in direct anterior approach THA
Dept. of Orthop. Surg., Dokkyo Medical Univ. Kazuo TOMIZAWA, et al.....440

1-PS9-4 Intraoperative evaluation of cup anteversion using template in total hip arthroplasty
Dept. of Orthop. Surg., JCHO Kyushu Hosp. Tetsuro NAKAMURA, et al.....441

1-PS9-5 The instrument trouble for inserting an implant
Dept. of Orthop. Surg., Saga Univ. Masaru KITAJIMA, et al.....441

1-PS9-6 Quantitative Evaluation of the Easiness of Total Hip Arthroplasty using the Tensions of Soft Tissues as an Indicator
Dept. Otrhop. Surg, Nitobe Memorial Nakano General Hosp Gaku KOYANO, et al.....441

12 : 45 ~ 13 : 15 Poster 10 THA implant design 2 Moderator : Daisuke TAKAHASHI

1-PS10-1 Short-term Results of Total Hip Arthroplasty with SQRUM Cup
Dept. of Orthop. Surg., Kagawa Univ. Faculty of Medicine Naruki TAKADA, et al.....441

1-PS10-2 Radiographic evaluation of Wagner cone stem using AL-Supine approach
Dept. of Orthop. Surg., Ise Municipal General Hosp. Kakunoshin YOSHIDA, et al.....442

Day 1
Feb.23(Fri)Day 2
Feb.24(Sat)

Room 1

Room 2

Room 3

Room 4

Room 5

Room 6

Room 7

Room 8

Room 9

Poster Room

Day 1 Feb.23(Fri)	1-PS10-3	Primary fixation of cementless cup with antibacterial Ag-HA coating in total hip arthroplasty Dept. of Orthop. Surg., Saga Univ.	Toshihiro NONAKA, et al.....442
	1-PS10-4	Evaluation of Initial Fixation of Total Hip Arthroplasty Using POLARSTEM Saiseikai Narashino Hosp. Center for Arthritis and Joint Surg.	Takeshi MIYASAKA, et al.....442
Day 2 Feb.24(Sat)	1-PS10-5	Comparative study of intraoperative fractures and early settling cases of short stem Optimys and Taper-wedge type implants Dept. of Orthop., Juntendo Univ. Shizuoka Hosp.	Itaru MOROHASHI, et al.....442
Room 1	1-PS10-6	Intraoperative femoral neck fracture for Kinectiv Stem - 6 cases Toshiba Rinkan Hospital Joint Reconstruction Center	Akira KOBAYASHI, et al.....443
Room 2	13 : 15 ~ 13 : 45 Poster 11 THA implant design 3		Moderator : Yoshinari FUJITA
Room 2	1-PS11-1	Short term outcomes of total hip arthroplasty through a direct anterior approach using TriFit TS Fukuoka Mirai Hosp.	Hiroyuki YOSHII, et al.....443
Room 3	1-PS11-2	Short-term Radiographic Outcomes of 3D Porous Titanium Cup in Total Hip Arthroplasty Dept. of Orthop. Surg., Wajokai Eniwa Hosp.	Hajime SEO, et al.....443
Room 4	1-PS11-3	Short-term results of total hip arthroplasty using Tritanium acetabular cup Orthop. Surg., Univ. of the Ryukyus	Masato ISHIHARA, et al.....443
Room 5	1-PS11-4	Prevention of Varus Positioned stems in MaicromaxTotal Hip Arthroplasty Dept. of Orthop. Surg., Kainan Hospital, Aichi Prefectural Federation of Agricultural Cooperatives for Health and Welfare	Yoshihiro SHIBATA, et al.....444
Room 6	1-PS11-5	Total hip arthroplasty for osteoarthritis of the hip with short femoral neck Dept. Orthop. Surg., JA Toride Medical Center	Koji SUZUKI.....444
Room 7	1-PS11-6	Examination of the initial fixed style of BHA and THA using the E stem, and comparison with the D stem Ibaraki Prefectural Central Hospital	Hiroyuki MORITA, et al.....444
Room 8	12 : 45 ~ 13 : 15 Poster 12 Clinical results of THA • cementless 4		Moderator : Atsushi FUNAYAMA
Room 8	1-PS12-1	Short term clinical results of rectangular short stem (Fitmore Hip Stem) in cementless total hip arthroplasty Suzuka General Hosp.	Noriki MIYAMOTO, et al.....444
Room 9	1-PS12-2	Midterm results of cementless straight stem : Comparison of Summit stem and Synergy select 2 stem Showa Univ. Koto Toyosu Hosp.	Hidenori TOCHIO, et al.....445
Poster Room	1-PS12-3	Short-term Results of J-taper stem Dept. of Orthop. Surg., Showa Univ.	Kento SHIGA, et al.....445

1-PS12-4	10 years results of Modulus stem total hip arthroplasty Dept. Orthop. Surg. Nagoya East Medical Center	Makoto FUKUTA, et al.....445	Day 1 Feb.23(Fri)
1-PS12-5	Long-term Results of Cementless Total Hip Arthroplasty with the use of FMS stem, FMS-anatomic stem, and Anatomic-Fit stem Dept. of Orthopaedics and Rehab. Medicine, University of Fukui, Faculty of Medical Sciences	Daisuke SUGITA, et al.....445	Day 2 Feb.24(Sat)
1-PS12-6	A comparison of GLFS-25 scores between elderly population and patients who underwent total hip arthroplasty Dept. of Orthop. Surg., Juntendo Univ. Urayasu Hosp.	Motoshi GOMI, et al.....446	Room 1

13 : 15 ~ 13 : 45 Poster 13 THA navigation

Moderator : Kunihiko TOKUNAGA

1-PS13-1	The experience of Total hip arthroplasty using HipAlign in lateral approach Dept. Orthop. Surg., Aichi Koseiren Kainan Hosp.	Yuka MUKOFUJIWARA, et al.....446	Room 2
1-PS13-2	Usage experience of Portable Navigation System Assisted Hip Arthroplasty Dept. of Orthop. Surg., Toyonaka Municipal Hosp	Hideaki ENAMI, et al.....446	Room 3
1-PS13-3	Experience of THA using HipAline™ in ALS approach Dept. of Orthop. Surg., Kawasaki Medical School	Toyohiro KAWAMOTO, et al.....446	Room 4
1-PS13-4	Efficacy of HipAlign for Total Hip Arthroplasty in lateral position Komaki City Hospital	Keisuke HOSHINO, et al.....447	Room 5
1-PS13-5	Accuracy of portable navigation system in THA using ALS approach Dept. of Orthop. Surg. and Joint Center, Takatsuki General Hospital	Takaaki FUJISHIRO, et al.....447	Room 6
1-PS13-6	Precision of combined anteversion in the hybrid THA using CT navigation and G-guide which went by Cup first technique Nishinomiya Kaisei Hospital	Yoshinobu MASUMOTO, et al.....447	Room 7

12 : 45 ~ 13 : 15 Poster 14 Clinical results of TKA 1

Moderator : Nao SHIBANUMA

1-PS14-1	Mid-term patient-based outcomes of mobile-bearing TKA using navigation system Dept. of Orthop. Surg., Hirosaki Univ. Graduate School of Medicine	Shizuka SASAKI, et al.....447	Room 8
1-PS14-2	Mid-term Results of Total Knee Arthroplasty using PFC Sigma RP-F Wajo Eniwa Hosp.	Noriaki MORI, et al.....448	Room 9
1-PS14-3	Intraoperative Medial Component Gap and Patella Score Affect Forgotten Joint Score-12 in Bi-Cruciate Stabilized TKA (Journey.2.BCS) Toho Univ. Ohashi Medical Center	Takao KANEKO, et al.....448	Poster Room
1-PS14-4	Surgical outcome between the difference in implant design of total knee arthroplasty Emoto Knee and Sport Clinic	Makoto IKEDA, et al.....448	
1-PS14-5	The short term results of VEGA System total knee arthroplasty Dept. of Musculoskeletal Surg., Mie Univ. Postgraduate School of Medicine	Tetsuya HATTORI, et al.....448	

1-PS14-6 The Mid-term result of Japanese SEIZA Sitting after over 5 years of CR-TKA
Daiyukai Genral Hospital Arthroplasty Center Kunio NAKANE, et al.....449

13 : 15 ~ 13 : 45 Poster 15 Clinical results of TKA 2 Moderator : Kazuhide TOMARI

1-PS15-1 Two Cases of Early Revision after Bi-cruciate Retaining Total Knee Arthroplasty
Dept. of Orthop. Surg., Sapporo Medical Univ. Yohei OKADA, et al.....449

1-PS15-2 Midium-long term result of LFA ceramic TKA (Zirconia)
Dept. of Orthop., Dokkyo Univ.
School of Medicine Koshigaya Hospital Yoko MASUDA, et al.....449

1-PS15-3 Short-term results after total knee arthroplasty with rotating -Hinge Prostheses
Dept. Orthop. Surg. Juntendo Univ. Haruka KANEKO, et al.....449

1-PS15-4 Short-term Results of Total Knee Arthroplasty by Vanguard PS
Dept. of Orthop. Surg., Univ. of Tsukuba Norihito ARAI, et al.....450

1-PS15-5 Sports activity after Total and Uni-compartment Knee Arthroplasty
Dept. of Orthop. Surg., Yamaguchi Red Cross Hosp. Satoshi TSUTSUI, et al.....450

1-PS15-6 Short-term results of Persona CR type total knee arthroplasty
Dept. of Orthop. Surg., Fujita Health Univ. Hideki DATE, et al.....450

12 : 45 ~ 13 : 10 Poster 16 Clinical results of TKA 3 Moderator : Hideki DATE

1-PS16-1 How long does the insert of Japanese SEIZA Sitting of CR-TKA last?
Daiyukai General Hospital Arthroplasty Center Kunio NAKANE, et al.....450

1-PS16-2 Postoperative alignment influenced patient satisfaction
and muscular strength after TKA
Chugoku Rosai Hospital Kaguna TANIMOTO, et al.....451

1-PS16-3 Factors influencing dissatisfaction of 3 months after total knee arthroplasty
-Examination in one-sided and two-sided examples-
Dept. of Reha., Municipal Suita City Hospital Takashi TSURU, et al.....451

1-PS16-4 Evaluation of factors related to the pain in patient reported outcome
in total knee arthroplasty
Orthop., JA Sapporo Kosei Hosp. Takashi TERASHIMA, et al.....451

1-PS16-5 Factors affecting pain at 2 weeks after Total Knee Arthroplasty
Dept. of Rehab. Shimada Hospital Masatoshi KIKKAWA, et al.....451

13 : 10 ~ 13 : 40 Poster 17 Clinical results of TKA 4 Moderator : Masahiko SUZUKI

1-PS17-1 Changes of Automobile Braking Response by Age after Total Knee Arthroplasty
Katsuragi Hosp. Takafumi FUJII, et al.....452

1-PS17-2 Investigation of the factors affecting gait performance at leaving hospital
after total knee arthroplasty
Dept. of Orthop. Surg., Nagoya Univ. Hideki HIRAIWA, et al.....452

1-PS17-3	The incidence of noise after various type of Total knee arthroplasty and relationship with patient reported clinical outcomes Dept. of Ortho. Surg., Tokyo Womens Medical Univ. Masafumi ITOH, et al.....452	Day 1 Feb.23(Fri)
1-PS17-4	The Prediction of One-year Postoperative Ambulatory Function after Posterior-stabilized Total Knee Arthroplasty Dept. of Orthop. Surg., Steel Memorial Hirohata Hosp. Kenichi SAWAUCHI, et al.....452	Day 2 Feb.24(Sat)
1-PS17-5	Difference between the first and second total knee arthroplasty in staged bilateral total knee arthroplasty Dept. of Orthop. Surg., Univ. of Toyama Makiko NOGAMI, et al.....453	Room 1
1-PS17-6	Comparison of knee functions by the difference of self exercise adherence after total knee arthroplasty Orthop, Surgery, Clinic, Nagoya Tomoki OKAHASHI, et al.....453	Room 1
12 : 45 ~ 13 : 15 Poster 18 Clinical results of TKA 5		Moderator : Eiichi TSUDA
1-PS18-1	Postoperative influence of sacrificing intact anterior cruciate ligament at the time of total knee arthroplasty Dept. of Orthop. Surg., Joint Center, Takatsuki General Hosp. Yuichi HIDA, et al.....453	Room 3
1-PS18-2	Short-Term Result of Semi-constrained Total Knee Arthroplasty Wajo-kai Eniwa Hosp. Daisuke TANAKA, et al.....453	Room 4
1-PS18-3	Clinical Results of BCR TKA over 2 years Dept. of Orthop. Surg. Yamagata Saisei Hosp. Shigenobu FUKUSHIMA, et al.....454	Room 4
1-PS18-4	Short-Term Clinical Outcome in Total Knee Arthroplasty with GMK Sphere Dept. of Orthop. Surg., Hanwa Joint Reconstruction Center, Hanwa Daini Senboku Hosp. Yohei OHYAMA, et al.....454	Room 5
1-PS18-5	Short-term postoperative results of Vanguard XP Joint Replacement Center, Fukuoka Mirai Hosp. Kenichiro TAKASHIBA, et al.....454	Room 6
1-PS18-6	Cancelled	Room 6
13 : 15 ~ 13 : 45 Poster 19 Clinical results of TKA 6		Moderator : Ken URABE
1-PS19-1	Relationship between changes in muscular strength and activity amount and body composition change preoperative and postoperative total knee arthroplasty Dept. of Orthop. Surg. Tokyo Medical Univ. Kyohei NAGAYAMA, et al.....455	Room 7
1-PS19-2	Comparison of muscle cross-section measurement by CT image before and after Total Knee Arthroplasty Dept. Orthop. Surg. Tokyo Medical Univ. Hideya YAMAUCHI, et al.....455	Room 8
1-PS19-3	Tibial Posterior Slope of the Seiza-sitting Knees Using FINE Knee CR Daiyukai General Hosp. Orthop. Akira YOSHIDA, et al.....455	Room 9
1-PS19-4	Evaluation of Triathlon tritanium tibial baseplate in posterior stabilized total knee arthroplasty Dept. of Orthop. Surg., University of Saga Shuya IDE, et al.....455	Poster Room

Day 1
Feb.23(Fri)

1-PS19-5 Short Results of Vanguard ID
Dept. of Orthop. Surg. Yamagata Saisei Hosp. Shigenobu FUKUSHIMA, et al.....456

1-PS19-6 Clinical Outcome After Five Years Simultaneous Bilateral Total Knee Arthroplasty:
Comparison With Unilateral Surgery
Dept. of Orthop. Surg., Tokyo Medical and Dental Univ.Hosp. Akinobu HYODO, et al.....456

Day 2
Feb.24(Sat)

12 : 45 ~ 13 : 15 Poster 20 Clinical results of TKA 7 Moderator : Akira ARAKAKI

Room 1

1-PS20-1 Effects of Virtual Reality on Fall-related Outcomes in Patients Undergone
Knee Joint Replacement
Dept. of Rehabilitation, Sonodakai
Joint Replacement Center Hosp. Tomohiro TAZAWA, et al.....456

Room 2

1-PS20-2 The influence of the limited knee extension total knee arthroplasty
on the clinical results 1 year after
Funabashi Orthop. Clinic Shota ISHIZAKI, et al.....456

Room 3

1-PS20-3 Factors associated with patient satisfaction at three weeks after total knee arthroplasty
Dept. of Reha., Isikawa Hosp. Ryoma NAKATANI, et al.....457

Room 4

1-PS20-4 Utility of post-discharge rehabilitation for total knee replacement surgery
Department of Rehabilitation Medicine,
Rakuwakai Marutamachi Hospital Yuki ISHIZUKA, et al.....457

Room 5

1-PS20-5 About the efforts that introduced the ROM-ex pamphlet after TKA surgery
Department of Rehabilitation, Takatsuki General Hospital Takuya MUKAI, et al.....457

1-PS20-6 About the body function after an operation of two artificial knee joint
by foreign rehabilitation interventiion
Saiseikai Takaoka Hospital Rehabilitation Therapy Unit Kaori NAKAI, et al.....457

Room 6

12 : 45 ~ 13 : 15 Poster 21 TKA surgical technique 1 Moderator : Hiroshi TAKAGI

Room 7

1-PS21-1 Measurement of flexion and extension gap before and after posterior
femoral osteophyte resection
Dept. of Orthop. Surg., Hadano Red Cross Hosp. Nagatoshi KANESHIRO, et al.....458

1-PS21-2 Vastus intermedius muscle snip for stiff knees in total knee arthroplasty
Saseikai Yamagata Saisei Hospital Ryuta OISHI, et al.....458

Room 8

1-PS21-3 Evaluation of the level of distal femoral end resection with sulcus cut
in TKA -Verification with image-free navigation system-
Dept. of Orthop. Surg., Yamaguchi Red Cross Hosp. Hidehiko KIDO, et al.....458

Room 9

1-PS21-4 TKA for advanced varus knee cases requiring bone grafting
Dept. of Orthop. Surg. Joint Surgery
Center., Nishikumamoto Hosp. Koji YAMAGUCHI, et al.....458

Poster Room

1-PS21-5 TKA combined with open reduction and internal fixation for tibial plateau fracture
in a patient with Charcot arthropathy
Dept. of Orthop Surg, Okayama Univ. Hosp. Tomohito HINO, et al.....459

1-PS21-6 Anatomical Reference to Assess the Sagittal Alignment of Tibial Prostheses in TKA
Dept. of Orthop. Surg., Toyama Rosai Hospital Ayano TOKUNAGA, et al.....459

13 : 15 ~ 13 : 45 Poster 22 TKA surgical technique 2 Moderator : Nobuyoshi WATANABE

1-PS22-1 Accuracy of rotational alignment of tibial components implanted using the sulcus line as tibial rotational axis
Nagoya Joint Replacement Orthopaedic Clinic Michitaka KATO, et al.....459

1-PS22-2 Results of Total Knee Arthroplasty with Extramedullary Femoral Cutting Guide for the femoral bowing
Dept. of Orthop. Surg., NHO, Kumamoto Saishunsou National Hosp. Kenichi TAKEMURA, et al.....459

1-PS22-3 Femoral Preparation to Use a Straight Femoral Stem during Constrained Total Knee Arthroplasty
Dept. of Orthop. Surg., Hamanomachi Hospital Shinya KAWAHARA, et al.....460

1-PS22-4 Preoperative predictive factors of usefulness of precut technique
Osaka General Hospital of West Railway Company Eri NARITA, et al.....460

1-PS22-5 One day 90 degrees active knee flexion after a total knee replacement which maximally minimizes quadriceps and joint capsule invasion
Dept. of Orthop. Surg., Kobe Tokushukai Hosp. Koichiro OURA.....460

1-PS22-6 Resection of Popliteus Tendon Does Not Occur Lateral Instability in the Situation of Intraoperative Popliteus Impingement in Vanguard XP
Dept. of Orthop. Surg., JCHO Yugawara Hospital Kazuhiko MICHISHITA, et al.....460

12 : 45 ~ 13 : 15 Poster 23 TKA surgical technique 3 Moderator : Satoshi ROPPOGI

1-PS23-1 Medial rather than lateral knee instability correlates with inferior patient satisfaction and knee function after total knee arthroplasty
Dept. of Orthop. Surg., Kyoto Univ. Shinichi KURIYAMA, et al.....461

1-PS23-2 The radiological results of TKA which was planned to correspond postoperative mechanical axis to anatomical axis with utilizing reduction osteotomy
Fukuoka Orthopaedic Hospital Masami TOKUNAGA, et al.....461

1-PS23-3 The relationship between tibial rotational angle and AP width of the tibial cutting surface for total knee arthroplasty
Dept. of Orthopedic. Surg., Niigata Univ. Osamu TANIFUJI, et al.....461

1-PS23-4 A proposed new rotating reference axis for the tibial component after distal tibial osteotomy in total knee arthroplasty
Dept. of Orthop. Surg., Kanazawa Univ. Hosp. Takaaki OHMORI, et al.....461

1-PS23-5 One-stage Femoral Osteotomy and Total Knee Arthroplasty for Osteoarthritis in Two Patients with Femoral Fracture Malunion
Adult Reconstruction Center, Kyushu Rosai Hospital Tsutomu KAWANO, et al.....462

1-PS23-6 Influence of femoral lateral bowing on postoperative lower limb alignment and clinical outcome in total knee arthroplasty
Dept. of Orthop. Surg., Nagoya Univ. Shinya ISHIZUKA, et al.....462

Day 1
Feb.23(Fri)

Day 2
Feb.24(Sat)

Room 1

Room 2

Room 3

Room 4

Room 5

Room 6

Room 7

Room 8

Room 9

Poster Room

		13 : 15 ~ 13 : 45 Poster 24 TKA surgical technique 4		Moderator : Yasuo OTSUKI
Day 1 Feb.23(Fri)	1-PS24-1	Difference of implant design in kinematically aligned total knee arthroplasty Dept. of Orthop. Surg. Kobe Univ.	Tomoyuki MATSUMOTO, et al.....	462
Day 2 Feb.24(Sat)	1-PS24-2	Characteristics of the patients who could play sports after CR-TKA Daiyukai General Hospital Orthop. Arthroplasty Center	Satoshi TERADA, et al.....	462
Room 1	1-PS24-3	Arthroscopic PCL Resection Due to Painful Knee after PCL Preserved CS-TKA Dept. of Orthop. Surg., Shin-Kaminokawa Hosp.	Hitoshi SEKIYA, et al.....	463
Room 2	1-PS24-4	Investigation of factor of 2 weeks postoperative affecting the range of knee flexion up to 3 months after TKA Tsukazaki Hosp	Kunihiro ONISHI, et al.....	463
Room 3	1-PS24-5	Difference between gaugers of the knee joint extension ROM after the art of total knee prosthesis Japanese Red Cross Okayama Hospital	Kensuke ANDO, et al.....	463
Room 4	1-PS24-6	The Effect of Manipulation Under Anesthesia Following Total Knee Arthroplasty Dept. of Orthop. Surg., Okayama Red Cross Hosp.	Youshi KAWAMURA, et al.....	463
		12 : 45 ~ 13 : 15 Poster 25 TKA surgical technique 5		Moderator : Sachi-yuki TSUKADA
Room 5	1-PS25-1	A case of Total Knee Arthroplasty with two times operation for severe osteoarthritis Dept. of Orthop. Surg., Kohsei Chuo General Hospital	Satoshi MIYAMOTO, et al.....	464
Room 6	1-PS25-2	TKA for Osteoarthritis of The Knee with Extra-articular Deformity in The Femur: 2 cases report Dept. of Orthop. Surg., Yashima General Hospital	Hironori MANABE, et al.....	464
Room 7	1-PS25-3	A Case of Total Knee Arthroplasty for Comminuted Insufficiency Fracture of the Medial Femoral Condyle Dept. of Orthop. Surg., JR Kyushu Hosp.	Kenji KITAMURA, et al.....	464
Room 8	1-PS25-4	Total knee arthroplasty accompanied with femoral osteotomy for non-union of supracondylar femur fracture with osteoarthritis of the knee Dept. of Orthop. Surg., Kagawa Univ.	Tomoki MIYANAGI, et al.....	464
Room 9	1-PS25-5	Total knee arthroplasty for osteoarthritis with femoral lateral condyle fracture: a case report Sendai Orthop. Hosp.	Kentaro ITO, et al.....	465
Poster Room	1-PS25-6	Total Knee Arthroplasty for Severe Valgus Knee in Rheumatoid Arthritis Orthop. Kawasaki Hosp.	Akiko SHIOTA, et al.....	465
		13 : 15 ~ 13 : 45 Poster 26 TKA surgical technique 6		Moderator : Satoshi HAMAI
Poster Room	1-PS26-1	Oblique incision can preserve the infrapatellar branch of saphenous nerve in TKA Dept. of Rehab. Fukui General Hospital	Naoyuki KUBO, et al.....	465

1-PS26-2	Anatomical Features to Facilitate Surgical Exposure for the Subvastus Approach in Total Knee Arthroplasty Dept. of Orthop. Surg., Graduate School of Medicine Chiba Univ. Yuya KAWARAI, et al.....465	Day 1 Feb.23(Fri)
1-PS26-3	Effect of articular cartilage of the posterior femoral condyle Toshima Hospital, Dept. of Orthop. Surg. Teruyuki MIYASAKA, et al.....466	Day 2 Feb.24(Sat)
1-PS26-4	Evaluation of Tibiofemoral Rotational Alignment in Mobile Bearing Total Knee Arthroplasty Dept. of Orthop. Surg. and Rheumatology, Nagoya Medical Center Yosuke HATTORI, et al.....466	Room 1
1-PS26-5	Comparison of AKAGI-Line and Combined-Rom method in TKA tibial tray turning position determination and installation position of anatomical tibial tray Ibaraki Prefectural Central Hospital Hiroshi HAYASHI, et al.....466	Room 2
1-PS26-6	New compression dressings after total knee arthroplasty—the second report— Joint Replacement Center, Ishinkai-Yao General Hospital Tsuyoshi YAMASAKI, et al.....466	Room 3

12 : 45 ~ 13 : 15 Poster 27 Pelvic tilt in THA

Moderator : Tadahiro HORIUCHI

1-PS27-1	The changes of the parameters of spinopelvic sagittal alignment following total hip arthroplasty in osteoarthritis secondary to hip dysplasia Hiraka General Hosp. Ken SASAKI, et al.....467	Room 4
1-PS27-2	Change of pelvic tilt angle on sagittal plane after THA Kumamoto Hosp. Masatoshi MURAYAMA, et al.....467	Room 5
1-PS27-3	Priority and problems when operated on for osteoarthritis of the hip with the adult spinal deformity Zenshukai Hospital Takahisa SATO, et al.....467	Room 6
1-PS27-4	Influence to pelvic tilt and THA due to spinal corrective surgery Dept. of Orthop. Surg., Hamamatsu Univ. School of Medicine Hiroki FURUHASHI, et al.....467	Room 7
1-PS27-5	The effect of preoperative lateral flexibility of the lumbar spine on perceived leg length discrepancy after total hip arthroplasty Dept. of Orthop. Surg., Tokyo Medical and Dental Univ. Kazumasa MIYATAKE, et al.....468	Room 8
1-PS27-6	Spinal sagittal alignment after total hip arthroplasty Dept. of Orthop. Surg., Murase Hosp. Shinichi MIYAZAKI, et al.....468	Room 9

13 : 15 ~ 13 : 45 Poster 28 Biomechanics/basic research

Moderator : Satoshi MORI

1-PS28-1	The change of knee adduction moment during gait after unilateral total hip arthroplasty Dept. of Orthop. Surg., Saga Univ. Riki TANAKA, et al.....468	Poster Room
1-PS28-2	Gait analysis using Vicon motion capture system between direct anterior approach, antero lateral approach and posterior approach Dept. of Orthop. Surg., Graduate School of Biomedical & Health Sciences, Hiroshima University Yuki OTA, et al.....468	

Day 1
Feb.23(Fri)
Day 2
Feb.24(Sat.)
Room 1
Room 2
Room 3
Room 4
Room 5
Room 6
Room 7
Room 8
Room 9
Poster Room

1-PS28-3 Comparison between before and after total hip arthroplasty with Locomo 25 and the amount of physical activity
Keiyu Joint Reconstruction Center, Edogawa Hosp. Hiroyuki FURUGOORI, et al.....469

1-PS28-4 Establishment of hip functional evaluation using Kinect
Dept. of Arthroplastic Medicine, Nagoya City Univ. Hirotaka IGUCHI, et al.....469

1-PS28-5 The Change of the Body Composition and the Value of Activity Between Pre and Post Total Hip Arthroplasty
Dept. of Orthop. Surg., Tokyo Medical Univ. Hosp. Mitsuru MORISHIMA, et al.....469

1-PS28-6 Relationship between Preoperative Skeletal Muscle Volume and Postoperative Physical Function in Patients with Total Hip Arthroplasty
Dept. of Rehab., Nagoya Univ. Daichi TAKAGI, et al.....469

12 : 45 ~ 13 : 15 Poster 29 Postoperative therapy in THA 1 Moderator : Seiya JINGUSHI

1-PS29-1 Transition and Efficacy of Patient-perceived Leg Length Discrepancy Following Total Hip Arthroplasty
Dept. of Orthop. Surg., Shiraniwa Hospital Katsumasa NAKAZAWA, et al.....470

1-PS29-2 Is Direct Superior Approach (DSA) effective for reducing postoperative rehabilitation period?
Dept. of Orthop. Surg. Fukushima Medical Univ. Yumetaka SHINDEN, et al.....470

1-PS29-3 Independence ratio of nail clippings at the time of hospital discharge in THA patients
Dept. of Rehab., Kakogawa Central City Hosp. Satoshi HIRASE, et al.....470

1-PS29-4 The Influence of Periarticular Infiltration Analgesia on Postoperative Pain Relief and Motility
Dept. of Other. Surg., Shiga Medical Center for Adult Takashi KASAHARA, et al.....470

1-PS29-5 Association between preoperative physical functions and living space in patients after Total Hip Arthroplasty
Dept. of Rehab. Kitasato Institute Hosp., Kitasato Univ. Ryota KURATSUBO, et al.....471

1-PS29-6 Study on validity of Block test against Patient-perceived Leg Length Discrepancy
Dept. of Rehab. Hokusuiikai Kinen Hospital Tsutomu NAKAYAMA, et al.....471

13 : 15 ~ 13 : 45 Poster 30 Postoperative therapy in THA 2 Moderator : Koya KAMIKAWA

1-PS30-1 Changes in Quality of Life and Pain of Patients with Total Hip Arthroplasty -Evaluation After Surgery Using Japanese EQ-5D-
Dept. of Orthop. Surg., Tsukuba Univ. Tomohiro YOSHIKAWA, et al.....471

1-PS30-2 Impact of Home Exercise on Function after Total Hip Arthroplasty
Dept. of Rehab. Funabashi Orthop. Hosp. Koichi HARA, et al.....471

1-PS30-3 By Instruction Based on the Non-Satisfaction at Discharge, Does JHEQ at the Initial Outpatient Change
Toshiba Rinkan Hospital Joint Reconstruction Center Hiromi YORIOKA, et al.....472

1-PS30-4	Changes in body function and satisfaction of patients with total hip arthroplasty by outpatient rehabilitation Saiseikai Takaoka Hospital Dept. of Rehab. Therapy Kentarou ISHII, et al.....472	Day 1 Feb.23(Fri)
1-PS30-5	Experience of physical therapy after the same day's total hip and knee arthroplasty Dept. of Reha, Fukuoka Mirai Hosp. Ryo FUTATSUGI, et al.....472	Day 2 Feb.24(Sat)
1-PS30-6	Effectiveness of Knee Extension Combined with Electro-Muscle-Stimulation to The Quadriceps Muscle after Total Hip Arthroplasty Dept. of Rehab. Anshin Clinic Yousuke YAMAMOTO, et al.....472	

12 : 45 ~ 13 : 10 Poster 31 Postoperative therapy in THA 3 Moderator : Satoshi OKABE

1-PS31-1	The Factors Associated with Walk Independent within 30 Days after Bipolar Hemiarthroplasty in Recovery Rehabilitation Unit Dept.of Rehab. Aijinkai Rehabilitation Hosp. Yasutomo IKEGAMI.....473	Room 1
1-PS31-2	Factors to Facilitate Toenail Cutting in 1 Year after THA for Patients with Toenail Cutting Non-easy in 3 Months Postoperative Dept. of Rehab. Funabashi Orthop. Hosp. Ricoh HIRAO, et al.....473	Room 2
1-PS31-3	The Subject of Rehabilitation after THA as Seen from Our Hospital JHEQ Rehabilitation Center, Saiseikai Utsunomiya Hospital Satoshi WATANABE, et al.....473	Room 3
1-PS31-4	Efficacy of femoral stretching for iliopsoas impingement after THA Dept. of Orthop. Surg., Hokusuiikai Kinen Hosp. Naoyuki HIRASAWA, et al.....473	Room 4
1-PS31-5	A case report of marathon participant after cementless THA Dept. of Orthop. Surg., Tomishiro Central Hospital Moritaka NAGAYAMA, et al.....474	Room 5

13 : 10 ~ 13 : 40 Poster 32 Postoperative therapy in THA 4 Moderator : Masaaki USUI

1-PS32-1	The analgesic effect of intravenous injection of acetaminophen for pain after total hip arthroplasty Dept. of Orthop. Surg., Okayama Medical Center Takayuki KURODA, et al.....474	Room 6
1-PS32-2	The effect of Using Intravenous Actaminophen for Patients Undergoing Total Hip Arthroplasty Dept. of Orthop. Surg., Osaka General Medical Center Junichiro KOYANAGI, et al.....474	Room 7
1-PS32-3	Effectiveness of intravenous acetaminophen after primary total hip arthroplasty Dept. of Orthop. Surg., Yamagata Saisei Hosp. Ryosuke MOMMA, et al.....474	Room 8
1-PS32-4	The comparison of femoral nerve block and subcutaneous patient-controlled analgesia for postoperative pain management of total hip arthroplasty Dept. of Orthop. Surg., Tokyo Medical and Dental Univ. Masanobu HIRAO, et al.....475	Room 9
1-PS32-5	Allogeneic Blood Transfusion for Total Hip Arthroplasty Treated with Direct Anterior or Anterolateral Supine Approach Dept. of Orthop. Surg., Okayama Saiseikai General Hosp. Yukio KAWAKAMI, et al.....475	Poster Room

1-PS32-6 Effect on coagulation-fibrinolysis system of synchronous bilateral total hip arthroplasty
 Dept. of Orthop. Surg., Japanese Red Cross Saitama Hosp. Daisuke KOGA, et al.....475

12 : 45 ~ 13 : 15 Poster 33 THA preoperative planning Moderator : Hidenobu MIKI

1-PS33-1 Entry point of cementless stem in total hip arthroplasty
 Dept. of Orthop. Surg., Iizuka Hosp. Kazuhiko SONODA, et al.....475

1-PS33-2 Femoral Length Discrepancy in Patients with Osteoarthritis of the Hip
 Dept. of Orthop. Surg., Iizuka Hosp. Toshihiro MAEDA, et al.....476

1-PS33-3 Three Dimensional Planning of THA. The Difference on Adjusting Leg Length Discrepancy between the Femoral Distal Reference points
 Dept. Orthop. Surg., Iizuka Hosp. Toshihiko HARA, et al.....476

1-PS33-4 The association between the accuracy of cup positioning and BMI in total hip arthroplasty using CT-based navigation system
 Dept. of Orthop. Surg., Teikyo Univ. Hisatoshi ISHIKURA, et al.....476

1-PS33-5 Our therapeutic strategy for femoral neck fracture-BHA vs THA-
 Dept. of Orthop. Surg., Osaka City General Hosp. Sho MASUDA, et al.....476

1-PS33-6 Geriatric Nutritional Risk Index is a useful tool to evaluate osteoporosis of femoral neck in RA patients with biologics
 Dept. of Orthop. Surg., Kagoshima Univ. Hiroto TOKUMOTO, et al.....477

13 : 15 ~ 13 : 45 Poster 34 Complicated THA Moderator : Tadashi UCHIDA

1-PS34-1 A Case Report of Non-union Acetabular Fracture Which Underwent Total Hip Arthroplasty after Osteosynthesis in Intra-articular Side
 Dept. of Orthop. Surg., Graduate School of Medicine, Nagoya Univ. Daigo MORITA, et al.....477

1-PS34-2 Delayed femoral and obturator nerve palsy after primary total hip arthroplasty
 Dept. of Bone and Joint Surg. Kawasaki Univ. Norifumi UMEHARA, et al.....477

1-PS34-3 The surgical outcome of treatment for fragility fracture of the peric ring of the ankylosed hip
 Dept. of Orthop. Surg., Nishinomiyakaisei Hosp. Ariha GOHSHI, et al.....477

1-PS34-4 A Case of THA for Ankylosed Hip Which We Were About to Implant the Cup in the Femoral Head
 Dept. of Orthop., Juntendo Univ. Nerima Suguru KATOU, et al.....478

1-PS34-5 Case Hybrid Total Hip Arthroplasty Was Effective for Advanced Hip Contracture
 Jinseikai Takagi Hosp. Norihiro IWASA.....478

1-PS34-6 THA using KT plate for RDC in a patient with acetabular bone defect
 Dept. of Orthop. Surg., Tottori Municipal Hospital Yohei KAGAWA, et al.....478

12 : 45 ~ 13 : 10 Poster 35 THA for aged patient		Moderator : Yoshiki ITO
1-PS35-1	Examination of total hip replacement in patients over 90 years old Dept. of Orthop. Surg., Miyazaki Prefectural Nichinan Hospital Yusuke HIRAKAWA, et al.....478	Day 1 Feb.23(Fri)
1-PS35-2	Treatment of Periprosthetic Femoral Fracture in Very Elderly Patients Dept. Orthop. Surg., South Miyagi Medical Center Yoshinori HASHIMOTO, et al.....479	Day 2 Feb.24(Sat)
1-PS35-3	Three cases of total hip arthroplasty for patients more than 95 years old Okayama Red Cross Hosp Toru TAKAGI, et al.....479	Room 1
1-PS35-4	Sub-acute Total Hip Arthroplasty for Acetabular Fragility Fracture with Hyponatremia; Report of a Case Dept. of Orthop. Surg., Yaizu City Hosp. Yoshiyuki AKASAKA, et al.....479	Room 2
1-PS35-5	A Case Report of Atypical Femoral Shaft Fracture after THA Dept. of Orthop. Surg., Tomishiro Central Hosp. Tadakatsu KINJO, et al.....479	Room 2
13 : 10 ~ 13 : 35 Poster 36 THA case study		Moderator : Yoichiro DOMAE
1-PS36-1	A Young Patient with Cerebral palsy who underwent THA Dept. of Orthop. Surg., Okayama Univ. Miho SUZUKI, et al.....480	Room 3
1-PS36-2	Effects of steroid therapy on complications of total hip arthroplasty Dept. of Orthop. Surg., Nagoya Univ. Toshiaki OKURA, et al.....480	Room 4
1-PS36-3	Total Hip Arthroplasty Carried Out in Patient Syphilis Acute Destruction of Femoral Head : A Report of Two Cases Ogikubo Hosp. Syuji AOMATSU, et al.....480	Room 5
1-PS36-4	(Cancelled)	
1-PS36-5	Treatment results of THA in renal transplant Nagoya Daini Red Cross Hospital Masatoshi HARUTA, et al.....481	Room 6
1-PS36-6	Short-term Results of Total Hip Arthroplasty for Rapidly Destructive Coxarthropathy Tokushima Municipal Hospital Shinji YOSHIOKA, et al.....481	Room 7
12 : 45 ~ 13 : 15 Poster 37 THA Metal on Metal		Moderator : Noboru IKEDA
1-PS37-1	A trunnionosis case with difficult for diagnosis Dept. of Orthop. Surg., Tosei General Hospital Nobuyuki WATANABE, et al.....481	Room 8
1-PS37-2	A case report of Trunnionosis that occurred after Total Hip Arthroplasty using Large Diameter Femoral Head Dept. of Orthop. Surg., Tonami General Hosp. Hidefumi EBARA, et al.....481	Room 9
1-PS37-3	A case of Metal-on-Metal total hip arthroplasty suspected infection Dept. of Orthop. Surg, Fujigaoka Hospital Showa Univ School of Medicine Yasuoki KOBAYASHI, et al.....482	Poster Room

Day 1
Feb.23(Fri)

1-PS37-4 Both Side Pseudo-tumors Following Both Side Metal on Polyethylene THA:
A Case Report
Dept. of Orthop. Surg., Toyonaka Hosp. Taisuke KASUYA, et al.....482

Day 2
Feb.24(Sat)

1-PS37-5 Trunionosis cause loosening after Metal on Polyethylene total hip arthroplasty:
a case report
Dept. of Bone and Joint Surg., Ehime Univ. Graduate School of Medicine Fumihiko KONISHI, et al.....482

Room 1

1-PS37-6 Revision THA for Loosening of the femoral component after BHA
with impaction bone grafting
Dept. of Orthop. Surg., Showa Univ. Fujigaoka Hosp. Tsubasa ISHIKAWA, et al.....482

13 : 15 ~ 13 : 45 Poster 38 THA Ceramic on Ceramic & Metal on Metal Moderator : Masamori SHIGEMATSU

Room 2

1-PS38-1 Long-term results of the ceramic-on-ceramic THA
Dept. of Orthop. Surg., Tokyo Medical Univ. Hachioji Medical Center Keiji SANO, et al.....483

Room 3

1-PS38-2 Ceramic liner fracture in 7 years after ceramic on ceramic THA -A case report-
Dept. of Orthop. Surg. Yachiyo Medical Center of Tokyo Women's Medical University Satomi NARISHIMA, et al.....483

Room 4

1-PS38-3 Concern in ceramic on ceramic THA; Not always easy to remove
the ceramic liner from the metal back socket
Dept. of Orthop. Surg. Matsudo City Hospital Ryu ITO, et al.....483

Room 5

1-PS38-4 Results of Total Hip Arthroplasty Using Two Different Ceramic Prosthesis
Chubu Rosai Hosp. Dept. of Orthop. Surg. Satoshi OCHIAI, et al.....483

Room 6

1-PS38-5 Short-term results of total hip arthroplasty using a BIOLOX Delta Ceramic
on Ceramic bearing
Fukuoka Mirai Hosp. Dept. of Orthop. Surg., Artificial Joint Arthroplasty Center Futoshi KUGA, et al.....484

Room 7

1-PS38-6 The Results of the Bicon-Plus cup with Metal-on-Metal Bearing Couple
-The Analysis of the Revision Cases-
Zama General Hosp. Artificial Joint and Rheumatoid Arthritis Center Masashi TSUCHIDA, et al.....484

12 : 45 ~ 13 : 15 Poster 39 THA approach 1 Moderator : Naohiko MASHIMA

Room 8

1-PS39-1 Examination of anterolateral supine approach
Dept. of Orthop. Surg., Miyazaki Univ. Keisuke KAWANO, et al.....484

Room 9

1-PS39-2 Learning Curve of AL-Supine THA
Yashima General Hosp. Keita TAKAHASHI, et al.....484

Poster Room

1-PS39-3 The intra-operative change of pelvic position in total hip arthroplasty
using direct anterior approach on supine position
Dept. of Orthop. Surg., Chiba Rehabilitation Center Yoshikazu TSUNEIZUMI, et al.....485

1-PS39-4 Lateral rotation muscle strength after total hip arthroplasty
through different approaches
Dept. of Orthop. Surg., Hirosaki Nationl Hosp. Hiroyuki AKIMOTO, et al.....485

1-PS39-5 Superiority of SuperPath Approach Compared to Posterior Approach for THA
Joint Replacement Center of Ishinkai-Yao General Hospital Masayoshi OKUDA, et al.....485

1-PS39-6 Patient factors affecting femur elevation procedure of THA by direct anterior approach
Dept. of Orthop. Surg., Okinawa Red Cross Hosp. Masamichi ONAGA, et al.....485

13 : 15 ~ 13 : 45 Poster 40 THA approach 2

Moderator : Mitsuhiro MORITA

1-PS40-1 Anteversion and alignment of the stem with different approach in total hip arthroplasty
Dept. of Orthop., Tokushima Univ. Tomoya TAKASAGO, et al.....486

1-PS40-2 The method of AMIS-K cement stem fixation through direct anterior approach
with leg positioner
Omuro Orthopedic Spine & Joint Clinic Norikazu YOKOYAMA, et al.....486

1-PS40-3 Operative technique for complete preserving of short external rotator muscle
in muscle sparing minimally invasive surgery total hip arthroplasty
Dept. of Orthop., Itabashi Chuo Medical Center Takashi HISATOME, et al.....486

1-PS40-4 Short term results of Alpine short distal taper stem
Dept. of Orthop. Surg., Hamamatsu Univ. School Med. Hironobu HOSHINO, et al.....486

1-PS40-5 Our prophylaxis strategy, using 26mm head through direct lateral approach in
cementless total hip arthroplasty, achieved 0% early postoperative dislocation
Dept. Orthop. Moji Medical Center Shuichi KAMEGAWA, et al.....487

1-PS40-6 A case of Direct anterior approach THA for fused hip
Dept. of Orthop. Surg., Juntendo Urayasu Hosp. Arihisa SHIMURA, et al.....487

12 : 45 ~ 13 : 15 Poster 41 THA approach 3

Moderator : Masanori NAKAMURA

1-PS41-1 Posterior soft tissue repair of total hip arthroplasty and patient satisfaction
Rehabilitation, Showa Univ. Koto Toyosu Hosp. Remi OKUYAMA, et al.....487

1-PS41-2 Effectiveness of capsule preservation technique in ALS approach total hip arthroplasty
Dept. of Orthop. Surg., Musashino Red Cross Hosp. Yoshihito MOCHIZUKI, et al.....487

1-PS41-3 Changes of fatty infiltration and volume of the internal obturator muscle
after THR analyzed with the artifact-reduced CT
Dept. of Orthop. Surg., Keio Univ. Toru NISHIWAKI, et al.....488

1-PS41-4 Investigation of patient-reported outcome with using FJS-12 & JHEQ after AMIS THA
Dept. of Orthop. Surg., Osaka General Hosp. of JR West Fumiaki INORI, et al.....488

1-PS41-5 Total Hip Arthroplasty Using a Modified Minimally Invasive Two-incision Technique
in Adult Patients with Cerebral Palsy
Dept. of Orthop. Surg., Saiseikai Wakayama Hosp. Daisuke NISHIYAMA, et al.....488

1-PS41-6 Complex case of THA by OCM approach: Case report
Dept. of Orthop. Surg., Wakayama Medical Univ. Yusuke NISHII, et al.....488

Day 1
Feb.23(Fri)

Day 2
Feb.24(Sat)

Room 1

Room 2

Room 3

Room 4

Room 5

Room 6

Room 7

Room 8

Room 9

Poster Room

Day 1 Feb.23(Fri)		13 : 15 ~ 13 : 45 Poster 42 THA approach 4		Moderator : Takuya UEMATSU
		1-PS42-1	Usefulness of ALS Approach for Total Hip Arthroplasty Using Gap Cup for Bone Metastasis to the Acetabulum Dept. of Orthop. Surg., Japanese Red Cross Musashino Hosp.	Shigeru MURASAWA, et al.....489
	Day 2 Feb.24(Sat.)	1-PS42-2	Short term results of Total Hip Arthroplasty with SuperPATH Approach -comparison of recovery between SuperPATH Approach and Posterior Approach- Dept. of Orthop. Surg. Osaka-Minami Medical Center	Keisuke HAGIO, et al.....489
Room 1		1-PS42-3	Evaluation of muscle atrophy after THA by anterolateral supine approach comparison of Straight stem and tapered wedge stem Dept. of Orthop. Surg., Marunouchi Hosp.	Susumu MORIOKA, et al.....489
Room 2		1-PS42-4	The comparative study of difference of the wedge taper stem version and alignment between posterolateral and anterolateral approach Dept. of Orthop. Surg. of Yamanashi University	Naofumi TANIGUCHI, et al.....489
Room 3		1-PS42-5	Analysis of the contact sites between GTS stem and femoral bone marrow cavity using three dimensional simulation Dept. of Health Science, Hokkaido Chitose Collage of Rehabilitation	Daisuke SUZUKI, et al.....490
Room 4		1-PS42-6	Postoperative satisfaction after total hip arthroplasty by OCM approach Dept. of Orthop. Surg., Wakayama Med. Univ.	Wataru TANIGUCHI, et al.....490
		12 : 45 ~ 13 : 15 Poster 43 FHR 1		Moderator : Hidemi KAWAJI
	Room 5	1-PS43-1	Does the form of acetabulum influence difference of the leg length in bipolar hip arthroplasty? Dept. of Orthop. Surg., Komaki City Hosp.	Jumpei INOUE, et al.....490
	Room 6	1-PS43-2	Radiographic Assessment of the Proximal Femur in Cases of Femoral Neck Fracture Treated with Hemiarthroplasty Orthop. Surg., Kawasaki Hosp.	Hideki KAWASAKI, et al.....490
	Room 7	1-PS43-3	THA Indication for the Patients with Femoral Neck Fractures Dept. of Orthop. Surg., Kochi Hata Prefectural Hospital	Kenichi KITAOKA, et al.....491
	Room 8	1-PS43-4	The factor that affect dissatisfaction is different between total hip arthroplasty and bipolar hip arthroplasty Dept. of Orthop. Surg., Shizuoka Saiseikai General Hosp.	Takafumi AMANO.....491
	Room 9	1-PS43-5	Revision THA after BHA for Developmental Dysplasia of the Hip Saiseikai Niigata Daini Hosp.	Makoto SHIRONO, et al.....491
		1-PS43-6	Investigation of the Revision Hip Arthroplasty After Bipolar Hip Arthroplasty Dept. of Orthop. Surg., Miyazaki Univ.	Masaru HIYOSHI, et al.....491
Poster Room		13 : 15 ~ 13 : 45 Poster 44 FHR 2		Moderator : Hajime MISHIMA
		1-PS44-1	Relationship of periprosthetic femoral fracture and osteoporosis treatment Dept. of Orthop. Surg., Hekinan Municipal Hospital	Shogo SHIMIZU, et al.....492

1-PS44-2	Radiographic evaluation of bipolar hip hemiarthroplasty using Vektor-Titan stem Shinkokura Hosp. Orthop. Surg. Yoshihiro SHIMADA, et al.....492	Day 1 Feb.23(Fri)
1-PS44-3	Periprosthetic Bone Remodeling on Osteoporotic Femur Which Was Implanted the Tapered Wedge Type Stem in the Elder Patients Dept. of Orthop. Surg., Nagai Hosp. Tomoaki YOSHIKAWA, et al.....492	Day 2 Feb.24(Sat.)
1-PS44-4	Comparative study of preoperative plan in Bipolar Hip Arthroplasty -2D template VS 3D template- Nagoya Daini Red Cross Hospital Yoichi SATO, et al.....492	Room 1
1-PS44-5	Analysis of Morphology of Acetabular and Femoral in Patients with Proximal Femoral Fracture Dept. of Orthop. Surg. Oita Univ. Faculty of Medicine Hiroaki TAGOMORI, et al.....493	Room 2
1-PS44-6	Bipolar Hip Arthroplasty for Femoral Fracture Traumatology and Reconstructive Surgery Center. Aizu Chuo Hospital Shunsuke SATO, et al.....493	Room 3

12 : 45 ~ 13 : 15 Poster 45 FHR 3

Moderator : Masaaki MARUYAMA

1-PS45-1	Periprosthetic Atypical Femoral Fractures in the elderly: a case report Dept. of Orthop. Surg., Kakunodate Municipal Hosp. Takanori MIURA, et al.....493	Room 4
1-PS45-2	Conversion of hemiarthroplasty to total hip arthroplasty after irradiation, two case reports Dept. of Orthop., Japanese Red Cross Society Kyoto Daiichi Hosp. Hisao OISHI, et al.....493	Room 5
1-PS45-3	Three patients treated with BHA for femoral trochanter fracture postoperative cut-out cases Dept. of Orthop. Surg., Hamamatsu Red Cross Hosp. Yoshiharu SUGIYAMA, et al.....494	Room 6
1-PS45-4	Short-term Results of Curved Short Stem for Femoral Neck Fracture Aizawa Hosp. Orthop. Center Hirokazu IDETA, et al.....494	Room 7
1-PS45-5	Initial Stability of Bipolar Hip Arthroplasty using preserve beta stem National Hosp. Organization Ureshino Medical Center Koji ITO, et al.....494	Room 8
1-PS45-6	The outcome of femoral neck fracture with cementless bipolar hip arthroplasty Dept. of Orthop. Surg., Toranomon Hosp. Akiko MOROHOSHI, et al.....494	Room 9

13 : 15 ~ 13 : 45 Poster 46 FHR 4

Moderator : Yoshitada HARADA

1-PS46-1	A Case of Nonunion after Atypical Femoral Fracture Dept. of Orthop. Surg. Tsukuba Univ. Sayaka NAGASHIMA, et al.....495	Poster Room
1-PS46-2	Short bipolar prosthesis for femoral neck fracture due to a case after total knee arthroplasty with tumor prosthesis Dept. of Orthop. Surg., Goushi Hosp. Shohei OKAHISA, et al.....495	
1-PS46-3	A case anterior subluxation after bipolar hip arthroplasty Dept. of Orthop. Surg., Shimonoseki Medical Center Takayuki UEKI, et al.....495	

Day 1
Feb.23(Fri)

1-PS46-4 Experience of the Constrained Total Hip Arthroplasty for the Recurrent Dislocation after Bipolar Hip Arthroplasty: a case report
Aino Memorial Hospital Takeshi MIYAJI, et al.....495

Day 2
Feb.24(Sat)

1-PS46-5 A Case of Avascular Necrosis of Femoral Head after Treatment of Intertrochanteric Fracture
Japanese Red Cross Society Nagano Hospital Masataka MAEDA, et al.....496

Room 1

1-PS46-6 Simultaneous hip surgery using the extracted femoral head from THA for ION patients
Dept. of Orthop. and Musculoskeletal Surg., Graduate School of Medicine, Kyoto Univ. Yutaka KURODA, et al.....496

12 : 45 ~ 13 : 15 Poster 47 FHR approach 1 Moderator : Takuma YAMASAKI

Room 2

1-PS47-1 The Roles of conjoint tendon in Bipolar head prosthesis for femoral neck fracture
Dept. of Orthop. Surg., Chuno Hosp. Kiichiro ANDO, et al.....496

Room 3

1-PS47-2 Internal Obuturator Muscle Atrophy after Modified Posterior Approach in Bipolar Hip Prosthesis Surgery
Dept. Orthop. Surg., Narashino Daiichi Hospital Shigeru MITSUHASHI, et al.....496

Room 4

1-PS47-3 The evaluation of the atrophy of the short external rotators after Conjoint Tendon Preserving Posterior approach BHA using MRI
Department of Orthopaedic Surgery, Aichi Koseiren Kainan Hospital Shinichiro ENDO, et al.....497

Room 5

1-PS47-4 Conjoint tendon preserving posterior to bipolar hemiarthroplasty
Dept. of Orthop. Surg., Kainan Hospital Shingo FUJINAMI, et al.....497

Room 6

1-PS47-5 Bipolar Hemiarthroplasty with Superior Approach for Femoral Neck Fracture
Dept. of Orthop. Surg., Suzuka General Hospital Gaku MIYAMURA, et al.....497

Room 7

1-PS47-6 The short-term results of hemiarthroplasty of the hip -Cemented fixation with anterior approach using traction table vs. posterior approach-
Dept. of Orthop. Surg., Tane General Hospital Kazuhiro UENAKA, et al.....497

13 : 15 ~ 13 : 45 Poster 48 FHR approach 2 Moderator : Satoshi IIDA

Room 8

1-PS48-1 Short-term results of Supercapsular Percutaneously Assisted Total Hip (Super-PATH)
Shin-Kaminokawa Hospital Yasunao MIYAI, et al.....498

Room 9

1-PS48-2 Short-term results of bipolar hemiarthroplasty by direct anterior approach using hana table
Dept. of Orthop. Surg., Oita Oka Hosp. Seiji KAMEI.....498

1-PS48-3 Investigation of learning curve about ALS Approach for Bipolar Hip Arthroplasty for femoral neck fracture of inexperienced surgeon
Dept. of Orthop. Surg., Sendai Medical Association Hospital Daichi ARIMA, et al.....498

Poster Room

1-PS48-4 Bipolar hip arthroplasty in geriatric patients using conjoined tendon preserving posterior approach
Dept. of Orthop., Okayama Univ. Tomonori TETSUNAGA, et al.....498

1-PS48-5 Incision point of posterior hip capsule is important in posterior BHA
Dept. of Orthop & Riha., Jichi Medical University Osamu MIYAMOTO, et al.....499

1-PS48-6 Joint capsule reconstruction with Prolene mesh for recurrent dislocation
after bipolar hip arthroplasty
Dept. of Orthop. Surg., JCHO Tokuyama Central Hosp. Takehiro KAWAKAMI, et al.....499

12 : 45 ~ 13 : 15 Poster 49 Clinical results of TKA 8

Moderator : Taisei KAWAMOTO

1-PS49-1 Comparison of clinical outcomes between open wedge high tibial osteotomy
and total knee arthroplasty using patient-oriented outcome measures (KOOS)
Dept. of Orthop Surg, Toyama Municipal Hospital Kenichi GOSHIMA, et al.....499

1-PS49-2 Comparative Study of Patient Satisfaction and Evaluation in TKA and HTO
Dept. of Orthop. Surg., Gifu Univ. Kazu MATSUMOTO, et al.....499

1-PS49-3 The effect of pre-, post-operative coronal alignment and the amount of its change
for clinical outcome in total knee arthroplasty
Dept. of Orthop. Surg., Shiga Univ. of Medical Science Mitsuhiko KUBO, et al.....500

1-PS49-4 The Effect of Posterior Tibial Slope on the Kinematics after the Cruciate-retaining
Total Knee Arthroplasty
Dept. of Orthop. Biomaterial Science., Osaka Univ. Toshitaka FUJITO, et al.....500

1-PS49-5 Component Which Has Posterior Slope Can Preserve the Insertion of the Posterior
Cruciate Ligament in Cruciate Retaining Total Knee Arthroplasty
Dept. of Orthop. Surg., Toho Univ. Ryo TAKAMATSU, et al.....500

1-PS49-6 Benefits of hospitalized patient education on reducing anxiety at early discharge
after total knee arthroplasty
Dept. of Rehabilitation, Anshin Hosp. Tomohiro OKA, et al.....500

13 : 15 ~ 13 : 45 Poster 50 Clinical results of TKA 9

Moderator : Takehiko SUGITA

1-PS50-1 Clinical Results over 10 Years after Total Knee Arthroplasty using Scorpio
NRG PS Type
Hiroshima Prefectural Rehabilitation Center Hiroyuki MIYASHITA, et al.....501

1-PS50-2 Short-term results of ACTIYAS TKA
Dept. of Orthop. Surg, Aoyama General Hospital Michio OIKAWA, et al.....501

1-PS50-3 Postoperative results of Kinematic Rotating Hinge type TKA
Dept. of Orthop. Surg., Kansai Medical Univ. Minoru MURATA, et al.....501

1-PS50-4 Comparison of the Short-Term Results of CS type-TKA PCL -retaining vs PCL- resection
Shin Kaminokawa Hosp. Kenzo TAKATOKU, et al.....501

1-PS50-5 Comparison of Patient-based Outcome Score Between Total Knee Arthroplasties
Using Medial Pivot and Cruciate Substituting Prosthesis
Dept. of Orthop. Surg., Shinkaminokawa Hosp. Takuya YAMANAKA, et al.....502

1-PS50-6 Patient reported outcome of TRIATHLON TS Knee System
Dept. of Orthop. Surg., Aichi Medical Univ. Kazumasa KITAMOTO, et al.....502

Day 1
Feb.23(Fri)

Day 2
Feb.24(Sat)

Room 1

Room 2

Room 3

Room 4

Room 5

Room 6

Room 7

Room 8

Room 9

Poster Room

		12 : 45 ~ 13 : 05 Poster 51 THA etc.		Moderator : Masaki TAKAO
Day 1 Feb.23(Fri)	1-PS51-1	Clinical outcome of computer assisted acetabular reconstruction surgery using trabecular metal augment	Dept. of Orthop., Tokushima Univ.	Tomohiro GOTO, et al.....502
Day 2 Feb.24(Sat)	1-PS51-2	A case of the revision for the periprosthetic fracture around the femoral stem after the total hip arthroplasty	Dept. of Orthop. Surg., Hyogo College of Medicine	Yu TAKEDA, et al.....502
Room 1	1-PS51-3	Stem anteversion angle after total hip arthroplasty using collarless polished tapered stem	Dept. of Orthop. Surg., Yamagata Univ.	Hiroharu OKI, et al.....503
Room 2	1-PS51-4	Short-term Result of HYDRA minimum size	Dept. of Orthop. Surg., Saitama Medical Center	Yuichi TANUMA, et al.....503
		13 : 05 ~ 13 : 40 Poster 52 Clinical results of TKA 10		Moderator : Osamu NISHIIKE
Room 3	1-PS52-1	Outcome of Total Knee Arthroplasty in Patients over 85 years of age	Ogori Daiichi General Hospital Joint Replacement Center	Youhei TAKAHASHI, et al.....503
Room 4	1-PS52-2	Cancelled		
	1-PS52-3	Mid-long term clinical outcomes of total knee arthroplasty for elder patients	Dept. of Orthop. Surg. Fukuoka Univ.	Kazuhiko SAEKI, et al.....504
Room 5	1-PS52-4	Examination of total knee arthroplasty for super elderly people aged 85 years or older	Sonodakai Joint Replacement Center Hospital	Xiangfeng LI, et al.....504
Room 6	1-PS52-5	Examination of total knee replacement in patients over 90 years old	Dept. of Orthop. Surg., Miyazaki Univ.	Keisuke KAWANO, et al.....504
	1-PS52-6	Pain Catastrophic thinking improves after total knee arthroplasty	Shiga Univ, Medical Hosp. Dept. of Orthop	Hitomi FUJIKAWA, et al.....504
Room 7	1-PS52-7	Two cases report of total knee arthroplasty with schizophrenia	Dept. of Orthop. Kohnodai Hospital, National Center for Global Health and Medicine	Akiko SATO505
		12 : 45 ~ 13 : 15 Poster 53 Clinical results of TKA 11		Moderator : Tanzo SUGIMORI
Room 8	1-PS53-1	Investigation of tibial posterior slope using X-ray of lower leg lateral view post total knee arthroplasty	Dept. of Orthop. Surg. Akita Red Cross Hosp.	Takenori TOMITE, et al.....505
Room 9	1-PS53-2	Evaluation of coronal alignment with standing lower limb full length X-ray after TKA	Dept. of Orthop. Surg., Yamaguchi Univ.	Toshihiro SEKI, et al.....505
Poster Room	1-PS53-3	Five-year results of a posterior-stabilized total knee prosthesis for japanese-analysis of knee alignment	Dept. of Orthop. Surg., Tokyo Medical and Dental Univ. Hosp.	So SUZUKI, et al.....505

1-PS53-4	Bone mineral density of proximal femur before and after total knee arthroplasty Dept. of Orthop. Surg., Kitasato Univ. Manabu MUKAI, et al.....506
1-PS53-5	Influence of function of lower limbs on walking means before total knee arthroplasty and 1 year after surgery Yokohama City Minato Red Cross Hosp. Shimpei KONDO, et al.....506
1-PS53-6	Cut-off value of knee extension strength by sex and age group for stair climbing ability evaluation after total knee arthroplasty Dept. of Rehab., Sonodakai Joint Replacement Center Hospital Sadaya MISAKI, et al.....506

Day 1
Feb.23(Fri)

Day 2
Feb.24(Sat)

Room 1

Room 2

Room 3

Room 4

Room 5

Room 6

Room 7

Room 8

Room 9

Poster Room