

Program of the 49th Annual Meeting of the Japanese Society for Replacement Arthroplasty

Friday, February 15, Room 1

8 : 00 ~ 8 : 10 Opening Ceremony

8 : 10 ~ 9 : 40 Panel Discussion 1 **Implant designs and biomechanics of TKA**
Moderators : Hiromasa MIURA, Shuichi MATSUDA

- | | | |
|------------|--|--------|
| 1-1-PD1-01 | Effect of implants design on in vivo kinematics after total knee arthroplasty
Dept. of Orthop. Biomaterial Sci., Osaka Univ. Tetsuya TOMITA, et al 292 | Room 2 |
| 1-1-PD1-02 | Improvement of TKA design based on kinematic analysis
Second Dept. of Orthop. Surg., Dokkyo Medical Univ.
Saitama Medical Center /
Dept. of Orthop. Surg., Medical Hospital,
Tokyo Medical and Dental Univ. Toshifumi WATANABE, et al 292 | Room 3 |
| 1-1-PD1-03 | TKA design from the point of view of 3D morphology and kinematics
Dept. of Orthop. Surg., Niigata Medical Center Takashi SATO, et al 293 | Room 4 |
| 1-1-PD1-04 | Design and biomechanics of posterior stabilized TKA
Dept. of Orthop. Surg., Osaka City Univ. Yukihide MINODA, et al 293 | Room 5 |
| 1-1-PD1-05 | Total Knee Arthroplasty Design based on Computer Simulation analyses
Dept. of Orthop. Surg., Kyoto Univ. Shinichi KURIYAMA, et al 294 | Room 6 |
| 1-1-PD1-06 | TKA design -Effect evaluation and development of next generation TKA-
Dept. of Orthop. Surg., Ehime Univ. Kazunori HINO, et al 294 | Room 7 |

9 : 45 ~ 11 : 15 Panel Discussion 2 **The facts of THA surgery on the basis of spino-pelvic alignment**
Moderators : Masaaki MAWATARI, Yutaka INABA

- | | | |
|------------|--|-------------|
| 1-1-PD2-01 | Stress distribution for acetabulum according with the alignment of pelvis - spine
Faculty of Health and Sport Sciences,
University of Tsukuba Shumpei MIYAKAWA, et al 295 | Room 8 |
| 1-1-PD2-02 | Change of the spinal alignment after total hip arthroplasty
Dept. of Orthop. Surg., Tokyo Medical Univ. Tsunehito ISHIDA, et al 295 | Room 9 |
| 1-1-PD2-03 | Spino-pelvis-hip relationship in the standing and sitting position of total hip arthroplasty
Dept. of Orthop. Surg., Yokohama City Univ. Hiroyuki IKE, et al 296 | Room 10 |
| 1-1-PD2-04 | Evaluation of preoperative spino-peivic lateral flexibility on perceived leg length discrepancy after total hip arthroplasty
Dept. of Orthop. Surg., Tokyo Medical and Dental Univ. Kazumasa MIYATAKE, et al 296 | Poster Room |

Day 1
Feb. 15 (Fri.)

Day 2
Feb. 16 (Sat.)

Room 1

Room 2

Room 3

Room 4

Room 5

Room 6

Room 7

Room 8

Room 9

Room 10

Poster Room

Day 1 Feb. 15(Fri.)	1-1-PD2-05	Pelvic inclination angle with standing position before total hip arthroplasty Dept. of Orthop. Surg., Saga Univ. Masaru KITAJIMA, et al 297
	1-1-PD2-06	Surgical strategy of patients with severe spinal deformity and degenerative hip disease Dept. of Orthop. Surg., Hamamatsu Univ. Sch. of Medicine Yu YAMATO, et al 297
Day 2 Feb. 16(Sat.)	11 : 30 ~ 12 : 30 Special Lecture Moderator : Kengo YAMAMOTO	
Room 1	1-1-SL-01	A 30-year history of research in total knee arthroplasty Dept. of Orthop. Surg., Ehime Univ. Hiromasa MIURA 227
	12 : 40 ~ 13 : 40 Luncheon Seminar 1 Moderator : Shuichi MATSUDA	
Room 2	1-1-LS1-01	The development and surgical technique of preoperative planning of TKA using PSI effectively Sonoda Joint Replacement and Sports Medical Center Hospital Kazutaka SUGIMOTO, et al 242 Sponsored by Zimmer Biomet G.K.
Room 3	15 : 10 ~ 16 : 40 Symposium 3 A concept for selecting cementless femoral stem Moderators : Masahiko NOZAWA, Yoshitada HARADA	
Room 4	1-1-SY3-01	Cementless Femoral Stem Choice Based on Three-dimensional CT Data Joint Surgery Center, Chiba Medical Center, NHO Isao ABE, et al 269
Room 5	1-1-SY3-02	Indication of cementless standard stem for hip diseases Togoshiginza Nakamura Orthop. Clinic Masanori NAKAMURA, et al 269
Room 6	1-1-SY3-03	Fixation and clinical results of standard stem Dept. of Orthop. Surg., Mie Univ. Graduate School of Med. Masahiro HASEGAWA, et al 270
Room 7	1-1-SY3-04	Current concepts and classification in short stem hip arthroplasty Funabashi Orthopedic Hospital Kazuhiro OINUMA, et al 270
Room 8	1-1-SY3-05	Short stem prostheses in total hip arthroplasty: Implant fixation and clinical outcome Dept. of Orthop. Surg., The Jikei Univ. Sch. of Med. Hideki FUJII, et al 271
Room 9	1-1-SY3-06	Indication and issue on short stem Center of Implant & Joint Surg. Center, JCHO Osaka Hospital Katsuya NAKATA, et al 271
Room 10		
Poster Room		

Friday, February 15, Room 2

8 : 10 ~ 9 : 40

Symposium 1 Future perspectives for computer-assisted surgery in THA

Moderators : Naoto ENDO, Nobuhiko SUGANO

- | | | |
|------------|---|------------------------|
| 1-2-SY1-01 | Preoperative planning by computer assisted technology -Practice and issue-
Dept. of Orthop. Surg., Yokohama City Univ. Naomi KOBAYASHI, et al 263 | Day 1
Feb. 15(Fri.) |
| 1-2-SY1-02 | Present situation and problems of current CT-based navigation assisted THA
Niigata Hip Joint Center, Kameda Daiichi Hospital Kunihiko TOKUNAGA 263 | Day 2
Feb. 16(Sat.) |
| 1-2-SY1-03 | Possibility of newly developing navigation system
Dept. of Orthop. Surg., Tamagawa Hosp. Masaaki MATSUBARA, et al 264 | Room 1 |
| 1-2-SY1-04 | Current Status and Future Perspective of Robot-Assisted Total Hip Arthroplasty
Dept. of Orthop. Surg., Osaka Univ. Masaki TAKAO, et al 264 | Room 2 |
| 1-2-SY1-05 | Clinical application of the 3D-printed custom-made implant in total hip arthroplasty
Div. of Medical Safety, Kanazawa Univ. Hosp. /
Dept. of Orthop. Surg., Kanazawa Univ.
Graduate School of Medicine Yoshitomo KAJINO, et al 265 | Room 3 |
| 1-2-SY1-06 | The usefulness of three-dimensional model in total hip arthroplasty
Dept. of Orthop. Surg., Kitasato University,
School of Med. Kensuke FUKUSHIMA, et al 265 | Room 4 |

9 : 45 ~ 11 : 15

Symposium 2 Current status of reverse shoulder arthroplasty

Moderators : Kazuya TAMAI, Yozo SHIBATA

- | | | |
|------------|--|---------|
| 1-2-SY2-01 | Preoperative planning for reverse shoulder arthroplasty and ideal surgery
Osaka Shoulder Center, Ito Clinic Yoichi ITO 266 | Room 5 |
| 1-2-SY2-02 | Indication and Limitation of the Supero-lateral Approach for Reverse-TSA
Dept. of Orthop. Surg., Shiga Univ. of Medical Science Shinji IMAI 266 | Room 6 |
| 1-2-SY2-03 | Reverse Shoulder Arthroplasty with Tendon Transfer for Combined Loss of Active
Elevation and External Rotation
Funabashi Orthopaedic Sports Medicine
and Joint Center Norimasa TAKAHASHI, et al 267 | Room 7 |
| 1-2-SY2-04 | Dealing with glenoid bone loss in reverse shoulder arthroplasty
Dept. of Orthop. Surg., Fukui General Hospital Kotaro YAMAKADO 267 | Room 8 |
| 1-2-SY2-05 | Indication and Limitation of Reverse Shoulder Arthroplasty for Trauma
Dept. of Orthop. Surg., Nippon Medical School
Chiba Hokusoh Hosp. Hiroshi HASHIGUCHI, et al 268 | Room 9 |
| 1-2-SY2-06 | Reverse total shoulder arthroplasty in patients with rheumatoid arthritis
Dept. of Orthop. Surg., Toho University Hiroyasu IKEGAMI, et al 268 | Room 10 |

Day 1
Feb. 15(Fri.)Day 2
Feb. 16(Sat.)

Room 1

Room 2

Room 3

Room 4

Room 5

Room 6

Room 7

Room 8

Room 9

Room 10

Poster Room

Day 1 Feb. 15(Fri.)	12 : 40 ~ 13 : 40 Luncheon Seminar 2		Moderator : Masao AKAGI
	1-2-LS2-01	Robotic Knee Surgery in 2019 Tenet Healthcare / Abrazo Medical Group	Jimmy CHOW 242 Sponsored by Smith & Nephew KK
Day 2 Feb. 16(Sat.)	15 : 10 ~ 16 : 10 Basic Lecture 1 Functional anatomy of the ankle joint		Moderator : Satoru OZEKI
Room 1	1-2-BL1-01	Anatomy and Function of the ankle joint Dept. of Orthop. Surg., St. Marianna Univ. School of Medicine	Hisateru NIKI 237
Room 2	16 : 15 ~ 17 : 15 Basic Lecture 2 Preoperative planning for TKA		Moderator : Shinro TAKAI
Room 3	1-2-BL2-01	Preoperative planning of TKA taking anatomic variations into account Center of Artificial Joint and Rheumatism, Fukuoka Tokushukai Medical Center	Ryuji NAGAMINE 237
Room 4	17 : 20 ~ 18 : 20 Evening Seminar 1		Moderator : Kenji KAWATE
Room 5	1-2-ES1-01	A standpoint of medical practitioner has much experience from TKA,UKA- True patients needs and the growth of biotherapy Matsuda Orthop. Clinic	Yoshikazu MATSUDA, et al 255
Room 6	1-2-ES1-02	Regenerative medicine for hip and knee arthritis ~ Focusing on short term results of APS therapy ~ Saitama Cooperative Hosp. Orthop. Surg. Joint Treatment Center	Ayano KUWASAWA 255 Sponsored by Zimmer Biomet G.K.
Room 7			
Room 8			
Room 9			
Room 10			
Poster Room			

Friday, February 15, Room 3

Day 1
Feb. 15(Fri.)

Day 2
Feb. 16(Sat.)

Room 1

Room 2

Room 3

Room 4

Room 5

Room 6

Room 7

Room 8

Room 9

Room 10

Poster Room

8 : 10 ~ 9 : 10 Basic Lecture 3 Functional anatomy of the shoulder joint
Moderator : Teruhiko NAKAGAWA

1-3-BL3-01 Functional Anatomy for Shoulder Arthroplasty
Tohto Bunkyo Hospital Kazuya TAMAI 238

9 : 15 ~ 10 : 15 Basic Lecture 4 Functional anatomy of the elbow joint
Moderator : Masatoshi TAKAHARA

1-3-BL4-01 Functional Anatomy and Biomechanics of the Elbow for Total Elbow Arthroplasty
Expert
Dept. of Orthop. Surg. Showa Univ. Katsunori INAGAKI 238

10 : 20 ~ 11 : 20 Basic Lecture 5 Functional anatomy of the knee joint
Moderator : Masao AKAGI

1-3-BL5-01 Functional Anatomy of the Knee Joint that is Important for Total Knee Arthroplasty
Dept. of Orthop. Surg., Keio Univ. Yasuo NIKI 239

12 : 40 ~ 13 : 40 Luncheon Seminar 3 Moderator : Shinro TAKAI

1-3-LS3-01 Historical background and current situation of cementless TKA
Dept. of Rehabilitation Med., Shinshu University Hospital Hiroshi HORIUCHI, et al 243

1-3-LS3-02 Three-Dimensional Printing Technology in Cementless TKA
Dept. of Orthop. Surg., Saga Univ. Shuya IDE 243
Sponsored by Stryker Japan K.K.

15 : 10 ~ 16 : 10 Basic Lecture 6 Functional anatomy of the hip joint
Moderator : Haruhiko AKIYAMA

1-3-BL6-01 Fundamental knowledge to become an expert in THA -functional anatomy of the hip
Dept. of Orthop. Surg., Osaka Saiseikaki Nakatsu Hosp. Hirotsugu OHASHI 239

16 : 15 ~ 16 : 55 Oral 1 TAA Moderator : Yuki TOCHIGI

1-3-OR1-01 Total ankle arthroplasty with total talar prosthesis for osteonecrosis of the talus
-Two case report-
Dept. of Orthop. Surg.,
St. Marianna University School of Medicine Yui AKIYAMA, et al 313

1-3-OR1-02 Investigation about the influence of the position of the talar component on its
subsidence after total ankle arthroplasty (TAA)
Dept. of Orthop. Surg., Kobe Univ. Tetsuya YAMAMOTO, et al 313

Day 1 Feb. 15(Fri.)	1-3-OR1-03	Relationships between the osteolysis around talar component and the subsidence of that after total ankle arthroplasty (TAA) Dept. of Orthop. Surg., Kobe Univ. Graduate School of Medicine	Takahiro YAMASHITA, et al 313
Day 2 Feb. 16(Sat.)	1-3-OR1-04	Clinical Outcomes of Total Ankle Arthroplasty with Pre-operative Severe Varus Deformity Dept. of Orthop. Surg., Kobe University Graduate School of Medicine	Kazuyuki IBARAKI, et al 313
Room 1	1-3-OR1-05	Treatment of TAA Dept. of Orthop. Surg., Kainan Hosp.	Naoya IMURA, et al 314
Room 2	17 : 20 ~ 18 : 20 Educational Lecture		Moderator : Keishi MARUMO
Room 3	1-3-EL1-01	Current status of the Japan arthroplasty register and case registration in the Japanese Orthopedic Association Dept. of Orthop. Surg., Gifu Univ.	Haruhiko AKIYAMA 236
Room 4			
Room 5			
Room 6			
Room 7			
Room 8			
Room 9			
Room 10			
Poster Room			

Friday, February 15, Room 4

8 : 10 ~ 9 : 10 **Debate Session 1 Anterior vs. posterior surgical approach for THA**
Moderator : Takuaki YAMAMOTO

1-4-DS1-01 Anterolateral approach in the supine position (ALS) for total hip arthroplasty
Dept. of Rehab., Kitasato Univ. School of Allied Health Sciences Naonobu TAKAHIRA, et al 232

1-4-DS1-02 Posterior Approach for Hip Arthroplasties
Dept. of Orthop. Surg., Saga Univ. Masaaki MAWATARI 232

10 : 20 ~ 11 : 20 **Invited Lecture 1** Moderator : Hirokazu IIDA

1-4-IL1-01 Periprosthetic Joint Infection in Total Hip Arthroplasty. Does Material matters ?
Dept. of Orthop. Surg., Middlemore Hospital, University of Auckland, New Zealand Rocco P. PITTO 228

12 : 40 ~ 13 : 40 **Luncheon Seminar 4** Moderator : Haruhiko AKIYAMA

1-4-LS4-01 Rational, Indications, Technique and Results of a Metaphyseal Short Stem
I.R.C.C.S. Istituto Ortopedico Galeazzi, Milan, Italy Luigi ZAGRA, et al 244
Sponsored by Lima Japan K.K.

15 : 10 ~ 16 : 10 **Invited Lecture 2** Moderator : Keiichi KAWANABE

1-4-IL2-01 Repetitive Sub-clinical Subluxation (RSS) in total-hip patients
- an unavoidable, unpredictable, and frequently misdiagnosed failure-mode in THA
Loma Linda University Medical Center Ian C. CLARKE, et al 229

16 : 15 ~ 17 : 15 **Invited Lecture 3** Moderator : Takashi NAKAMURA

1-4-IL3-01 A bioceramic with antibacterial properties
Kyoto Institute of Technology Giuseppe PEZZOTTI 230

17 : 20 ~ 18 : 20 **Evening Seminar 2** Moderator : Kenji OZONO

1-4-ES2-01 The DAA without a special Table for revision total hip arthroplasty - technical concepts, avoiding complications and clinical experience
Medical University Innsbruck Michael NOGLER 256
Sponsored by SENKO MEDICAL INSTRUMENT Mfg. CO., LTD.

Day 1
Feb. 15 (Fri.)
Day 2
Feb. 16 (Sat.)
Room 1
Room 2
Room 3
Room 4
Room 5
Room 6
Room 7
Room 8
Room 9
Room 10
Poster Room

Friday, February 15, Room 5

8 : 10 ~ 9 : 40 Panel Discussion 3 Biomaterials for total hip arthroplasty
Moderators : Akihiro SUDO, Takaaki SHISHIDO

Day 1 Feb. 15(Fri.)	1-5-PD3-01	Medical engineering issues and future trend related to material properties of artificial hip joints National Institute of Advanced Industrial Science and Technology	Yoshimitsu OKAZAKI 298
Day 2 Feb. 16(Sat.)	1-5-PD3-02	Current stream and strategies of biomaterial for future artificial hip joint Div. of Science for Joint Reconstruction, Graduate School of Medicine, The Univ. of Tokyo / Dept. of Orthop. Surg., Faculty of Medicine, Graduate School of Medicine, The Univ. of Tokyo	Toru MORO, et al 298
Room 1	1-5-PD3-03	Possibility of polyethylene designing considering each disease / behavioral characteristic Medical Engineering, Div. Mechanical Engineering and Science Graduate School of Engineering, Kyoto Univ.	Naoya HATANO, et al 299
Room 2	1-5-PD3-04	Ideal design of cementless femoral prosthesis - Clinical problems and Future task - Dept. of Orthop. Surg., Kanazawa Univ.	Tamon KABATA, et al 299
Room 3	1-5-PD3-05	Long-term durability verification of hip prostheses: current status and future prospects on nonclinical testing Dept. of Orthop. Surg., Tokyo Medical Univ.	Yasuhito TAKAHASHI, et al 300
Room 4	1-5-PD3-06	Clinical assessment of durability in hip arthroplasty -Current status and future perspective Dept. of Orthop. Surg., Osaka General Medical Center	Takashi NISHII 300
Room 5			

9 : 43 ~ 10 : 31 Oral 2 THA wear Moderator : Kanji FUKUDA

Room 6	1-5-OR2-01	Clinical and radiographic outcomes of total hip arthroplasty with MPC-grafted highly cross-linked polyethelene liners. Dept. of Orthop. Surg., Tokyo Metropolitan Tama Medical Center	Kanto MORI, et al 314
Room 7	1-5-OR2-02	Polyethylene Wear Rate in Second-Generation Highly Crosslinked Polyethylene Liners with Large Femoral Heads Dept. of Orthop. Medical Engineering, Osaka University Graduate School of Medicine	Kazunori TAMURA, et al 314
Room 8	1-5-OR2-03	Wear of Highly Cross-linked Polyethylene Acetabular Cup against Metal and Alumina Heads in Cemented Total Hip Arthroplasty by the IBBC Institute for Joint Replacement, Dept. of Orthop. Surg., Kyoto Katsura Hosp.	Masanao KATAOKA, et al 314
Room 9	1-5-OR2-04	Effects of component position on cross-linked polyethylene liner wear after total hip arthroplasty Dept. of Orthop. Surg., Asahikawa Medical Univ.	Ryo MITSUTAKE, et al 315
Room 10	1-5-OR2-05	Wear of E1 liner in THA for Dysplastic Hip OA Comparison between Metal and Ceramic Head in Multi-Center Study Dept. of Orthop. Surg., Kitasato Insutitute Hosp. Kitasato Univ.	Hironori KANEKO, et al 315
Poster Room			

1-5-OR2-06 Periprosthetic osteolysis in THA using Longevity HXLPE at more than 15 years
Dept. of Orthop. Surg., Kanazawa Medical Univ. Kiyokazu FUKUI, et al 315

10 : 34 ~ 11 : 22 Oral 3 THA MOM

Moderator : Masahiro HASEGAWA

1-5-OR3-01 Consideration of ARMD cases after primary THA using S-ROM-A stem
Dept. of Orthop. Surg., Jikei Medical Univ. Tetsuo HAYAMA, et al 315

1-5-OR3-02 The incidence of ARMD after Metal-on-metal total hip arthroplasty -new classification including the bone lesion-
Dept. of Orthop. Surg., Hyogo Rehabilitation central Hosp. Naoko SHIMA, et al 316

1-5-OR3-03 Adverse Reactions to Metal Debris after Large-diameter Head Metal-on-metal stemmed Total Hip Arthroplasties
Dept. of Orthop. Surg., Sonodakai Joint Replacement Center Hosp. Hiromasa MITSUI, et al 316

1-5-OR3-04 Evaluation of Clinical Results of Dual Mobility Head both Primary THA and Revision of MoM THA
Dept. of Orthop. Surg., Sonodakai Joint Reconstruction Center Hosp. Takanori HAYASHI, et al 316

1-5-OR3-05 MRI Evaluation After Metal On Metal THA Using ADEPT Cup.
Dept. of Orthop. Surg., Osaka National Hospital Yasuo KURODA, et al 316

1-5-OR3-06 Result of metal-on-metal total hip arthroplasty at minimum 5 years follow up
Dept. of Orthop. Surg., Showa Univ. Yasushi YOSHIKAWA, et al 317

12 : 40 ~ 13 : 40 Luncheon Seminar 5

Moderator : Yuji YASUNAGA

1-5-LS5-01 Idea, development and results of optimys short stem
St. Josefs Hospital Wiesbaden, Germany Joachim PFEIL 244

1-5-LS5-02 Fitting first theory on curved short stem
Center of Implant & Joint Surg, JCHO Osaka Hospital Katsuya NAKATA 245
Sponsored by Mathys KK

15 : 10 ~ 15 : 58 Oral 4 THA biomechanics

Moderator : Kazuo KANEKO

1-5-OR4-01 Relationships Between Hip Orientation Angle and Hip Abductor Strength After THA
Kawasaki Hosp. Shoshiro OKUBO, et al 317

1-5-OR4-02 Finite Element Analysis by Stem Alignment Difference of Short Taper Wedge Stem
Dept. of Orthop. Surg., Itabashi Chuo Medical Center Atsushi SAKAGAMI, et al 317

1-5-OR4-03 The effect of the shape of the stem to the range of motion in total hip arthroplasty ; The simulation study
Dept. of Orthop. Surg., Kanazawa University Graduate School of Medical Sciences Junya YOSHITANI, et al 317

1-5-OR4-04 Bone mineral density change in the femur after the cementless triple tapered curved short stem in total hip arthroplasty
Dept. of Orthop. Surg. and Joint Surg. Center, Takatsuki General Hosp. Kyohei TAKASE, et al 318

Day 1
Feb. 15(Fri.)

Day 2
Feb. 16(Sat.)

Room 1

Room 2

Room 3

Room 4

Room 5

Room 6

Room 7

Room 8

Room 9

Room 10

Poster Room

Day 1 Feb. 15(Fri.)	1-5-OR4-05	Three dimensional finite element analysis of the metaphyseal-loading anterolaterally-flared femoral stem for dysplastic hip osteoarthritis Depr. of Orthop. and Rehabil. Med., University of Fukui	Yasuo KOKUBO, et al 318
Day 2 Feb. 16(Sat.)	1-5-OR4-06	The gait analysis by plantar pressure before and after the total hip arthroplasty surgery Tokyo Medical University Hospital Rehabilitation Center	Ryuichi UENO, et al 318
16 : 01 ~ 17 : 05 Oral 5 THA alignment		Moderator : Yuichi DOIGUCHI	
Room 1	1-5-OR5-01	Changes of sagittal spinopelvic alignment and clinical outcomes after total hip arthroplasty in patients with sagittal imbalance Dept. of Orthop. Surg., Konan Kosei Hosp.	Toshiaki OKURA, et al 318
Room 2	1-5-OR5-02	Investigation of lumbar-pelvic sagittal alignment on sitting and standing position after total hip arthroplasty Dept. of Orthop. Surg., Juntendo Univ. Hosp.	Seiya ISHII, et al 319
Room 3	1-5-OR5-03	Consideration of spinal alignment change before and after THA, focusing on the value of PI-LL Zenshukai Hosp.	Takahisa SATO, et al 319
Room 4	1-5-OR5-04	Change over time of pelvic lateral tilt angle after total hip arthroplasty Dept. of Orthop. Surg., Nara Medical Univ.	Mitsuru MUNEMOTO, et al 319
Room 5	1-5-OR5-05	The pelvic tilting after Total Hip Arthroplasty Dept. of Orthop. Surg., Ehime Univ.	Hiroshi IMAI, et al 319
Room 6	1-5-OR5-06	Pelvic Tilt in Standing in Patients Undergoing THA: Related Factors and Postoperative Changes Dept. of Orthop. Surg., Suwa Red Cross Hosp.	Seneki KOBAYASHI, et al 320
Room 7	1-5-OR5-07	Lumbar Spinal Arthrodesis Increases Complication of Total Hip Arthroplasty Dept. of Orthop. Surg., Shimada Hosp.	Shinji SATAKE, et al 320
Room 8	1-5-OR5-08	Do lumbar spinal short fusion surgery affect outcomes of total hip arthroplasty? Dept. of Orthop. Surg., Nagoya Medical Univ.	Satoshi OCHIAI, et al 320
17 : 20 ~ 18 : 20 Evening Seminar 3		Moderator : Masaaki MAWATARI	
Room 9	1-5-ES3-01	History refined, our experience with a fully hydroxyapatite coated hip stem Florida Joint and Spine Institute	J.C. ALVAREZ 256
Room 10	1-5-ES3-02	The Concept of Cementless Cup - Do you know the difference between manufacturers? - Dept. of Orthop. Surg., Osaka Rosai Hosp.	Mitsuyoshi YAMAMURA 257 Sponsored by Japan MDM, Inc.
Poster Room			

Friday, February 15, Room 6

8 : 10 ~ 8 : 58 Oral 6 THA stem 1 Moderator : Satoshi IIDA

- 1-6-OR6-01 Mid-term Results of J-Taper Stem on Total Hip Arthroplasty
Funabashi Orthop. Hosp. Taishi NINOMIYA, et al 320
- 1-6-OR6-02 Clinical outcomes of J-taper stem inserted in anterior position
Dept. of Orthop. Surg., Nara Medical Univ. Yoshinobu UCHIHARA, et al 321
- 1-6-OR6-03 Short term outcome comparison of Accolade TMZF with Accolade2
Yamaguchi Rohsai Hosp. Takehiro KANEOKA, et al 321
- 1-6-OR6-04 Short-term results of primary THA using Mainstay stem
Dept. of Orthop. Surg., Osaka National Hospital Yasuo KURODA, et al 321
- 1-6-OR6-05 Short-term results of THA with Zweymuller type stem and Corail type stem
Osaka General Medical Center Dept. of Orthop. Surg. Takanori SHIMIZU, et al 321
- 1-6-OR6-06 Stress Shielding of Fit and Fill type stem(Perfix HA collared)
Dept. of Orthop. Surg., Faculty of Medicine, Saga Univ. Shohei MIYASHITA, et al 322

9 : 01 ~ 9 : 49 Oral 7 THA stem 2 Moderator : Masaji ISHII

- 1-6-OR7-01 Radiological evaluation and 10 years survival rate with total hip arthroplasty using BiCONTACT stem
Dept. of Orthop. Surg., Hyogo College of Medicine Shigeo FUKUNISHI, et al 322
- 1-6-OR7-02 Mid-term results of usage of TriLock stem
Dept. of Orthop. Surg.,
Kobe Graduate School of Medicine Masanori TSUBOSAKA, et al 322
- 1-6-OR7-03 Clinical results of full HA coated Stem POLAR STEM
Dept. of Joint Replacement Center, Tokyo Medical Center,
National Hospital Organization /
Dept. of Orthop. Surg., Tokyo Medical Center,
National Hospital Organization Yoshinari FUJITA, et al 322
- 1-6-OR7-04 Comparison of Anthology Hip System with or without HA coating
Dept. of Orthop. Surg., Kobe Univ. Kazuhiro TAKEUCHI, et al 323
- 1-6-OR7-05 Femoral bone reaction after cementless THA using Taperloc Microplasty stem
Dept. of Artificial Joints and Biomaterials,
Hiroshima Univ. Takuma YAMASAKI, et al 323
- 1-6-OR7-06 Short term result of CORAIL stem for Japanese
Dept. of Orthop. Surg., Kumamoto Kinoh Hospital Katsuhiko KIYOTA, et al 323

9 : 52 ~ 10 : 32 Oral 8 THA stem 3 Moderator : Hirotsugu OHASHI

- 1-6-OR8-01 Middle-term outcome of primary total hip arthroplasty used CMK stem
Dept. of Orthop. Surg., Yodogawa Christian Hospital Takaaki KURODA, et al 323

Day 1
Feb. 15(Fri.)Day 2
Feb. 16(Sat.)

Room 1

Room 2

Room 3

Room 4

Room 5

Room 6

Room 7

Room 8

Room 9

Room 10

Poster Room

Day 1 Feb. 15(Fri.)	1-6-OR8-02	Differences between preoperative planning and actual size in total hip arthroplasty using POLARSTEM Dept. of Orthop. Surg., Kobe Univ.	Shingo HASHIMOTO, et al 324
	1-6-OR8-03	Cementless Total Hip Arthroplasty with CORAIL Stem Dept. of Orthop. Surg., Eniwa Hospital	Satomi ABE, et al 324
Day 2 Feb. 16(Sat.)	1-6-OR8-04	Minimum 5 years results and radiographic assessments of total hip arthroplasty using Tri-Lock Bone Preservation Stem Saiseikai Narashino Hosp. Center for Arthritis and Joint Surg.	Takeshi MIYASAKA, et al 324
Room 1	1-6-OR8-05	The middle-long term results of cement stem: Trilliance stem Dept. of Orthop. Surg., Osaka-fu Saiseikai Nakatsu Hospital	Toshimasa USUI, et al 324
Room 2	12 : 40 ~ 13 : 40 Luncheon Seminar 6		Moderator : Michiaki TAKAGI
Room 3	1-6-LS6-01	Non-surgical management for knee osteoarthritis: An evidence-based approach Dept. of Rehabilitation Med. Eastern Chiba Medical Center / Dept. of Orthop. Surg., Graduate School of Medicine, Chiba Univ.	Atsuya WATANABE 245
Room 4	1-6-LS6-02	Important notices for safety drug treatment in elderly with renal dysfunction -Focused on NSAID prescription- Dept. of Nephrology, Faculty of Medicine, University of Tsukuba	Kunihiro YAMAGATA 246 Sponsored by Astellas Pharma Inc. / Pfizer Japan Inc.
Room 5	15 : 10 ~ 15 : 58 Oral 9 THA stem 4		Moderator : Mitsunari KIN
Room 6	1-6-OR9-01	Periprosthetic Osteolysis in THA with CMK stem. Second Report. Treatment by medication Wajokai Asunaro Orthop. Surg.	Isao HASEGAWA 325
Room 7	1-6-OR9-02	Mid term results of total hip arthroplasty using K-MAX Q HIP stem Science for Joint Reconstruction, Tokyo Univ.	Ryo HIDAKA, et al 325
Room 8	1-6-OR9-03	Results of SL-plus MIA stem for stove pipe canal Dept. of Orthop. Surg., Sapporo Medical Univ.	Kenji TATEDA, et al 325
Room 9	1-6-OR9-04	Comparison between SL-Plus MIA stem with or without HAcoating in THA at one year Dept. of Orthop Surg., Tokyo Univ.	Kazuaki HASHIKURA, et al 325
Room 10	1-6-OR9-05	Survivorship of Kinectiv stem in Primary Total Hip Arthroplasty With a Mean Follow-Up of over 5 Years Dept. of Orthop. Surg., Chuden Hospital	Hiroaki MURAKAMI, et al 326
Poster Room	1-6-OR9-06	safety assessment of silver oxide-containing hydroxyapatite coating cementless antibacterial total hip arthroplasty Dept. of Orthop., Faculty of Medicine, Saga Univ.	Shunsuke KAWANO, et al 326

16 : 01 ~ 16 : 49 Oral 10 THA stem 5		Moderator : Masaki TAKAO
1-6-OR10-01	Clinical Examination of MasterLock Stem using AMIS approach with the leg positioner Dept. of Orthop. Surg., Yokohama Minami Kyousai Hosp. Masaaki SATO, et al 326	Day 1 Feb. 15(Fri.)
1-6-OR10-02	Early Results of Bipolar Hip Arthroplasty with SYNERGY SELECT II Dept. of Orthop. Surg., Tokyo Medical Univ. Kosuke KAMADA, et al 326	Day 2 Feb. 16(Sat.)
1-6-OR10-03	Short-term Results of Total Hip Arthroplasty with Anthology Femoral Component Dept. of Orthop. Surg., Kobe Univ. Yoshinori TAKASHIMA, et al 327	Room 1
1-6-OR10-04	Long-term Results Of Cementless Total Hip Arthroplasty Dept. Orthop. Surg. Kagawa Univ. Faculty of Medicine Ken IWATA, et al 327	Room 2
1-6-OR10-05	Effect of Cement Stem Design on Femoral Bone Remodeling after Ten Years Dept. of Orthop. Surg., Shinshu Univ. Tomoya IWAASA, et al 327	Room 3
1-6-OR10-06	Long-term Results Of Total Hip Arthroplasty Using Charnley Stem- More Than 20 Years Follow Up - Dept. of Orthop. Surg., Aichi Medical Univ. Kazutaka WATANABE, et al 327	Room 4
17 : 20 ~ 18 : 20 Evening Seminar 4		Moderator : Naonobu TAKAHIRA
1-6-ES4-01	A logic and evidence of the drug intervention for long-term postoperative results Tokyo Jikei Univ. Mitsuru SAITO 257 Sponsored by KAKEN PHARMACEUTICAL CO.,LTD.	Room 5
		Room 6
		Room 7
		Room 8
		Room 9
		Room 10
		Poster Room

Friday, February 15, Room 7

8 : 10 ~ 9 : 06 Oral 11 TKA basic research Moderator : Tomoatsu KIMURA

- | | | | |
|-------------------------|-------------|--|-----------------------------------|
| Day 1
Feb. 15 (Fri.) | 1-7-OR11-01 | Delamination Resistance of PEEK Materials Evaluated Using a Novel <i>In-vitro</i> Test
Division of Medical Devices,
National Institute of Health Sciences | Hideyuki SAKODA, et al 328 |
| Day 2
Feb. 16 (Sat.) | 1-7-OR11-02 | Evaluation of the Effect of the Shape of Tibial Insert on Tibiofemoral Contact Pressure and Constraint of Total Knee Arthroplasty
Dept. of Orthop. Surg., Kyoto Univ. | Yoshihisa TANAKA, et al 328 |
| Room 1 | 1-7-OR11-03 | Kinematics in Future Knee artificial joint
Center for medical engineering, Chiba University | Masahiko SUZUKI, et al 328 |
| Room 2 | 1-7-OR11-04 | Changes of walking Parameters before and after Total Knee Arthroplasty -Analysis using Sheet Type Gait Analysis System-
Hamamatsu University School of Medicine | Kensuke HOTTA, et al 328 |
| Room 3 | 1-7-OR11-05 | Effects of femoral component malposition on patellar kinematics after patellofemoral knee arthroplasty
Dept. of Orthop. Surg., Kyoto Univ. | Mutsumi WATANABE, et al 329 |
| Room 4 | 1-7-OR11-06 | Relationship between varus knee malalignment and ankle osteoarthritis
Dept. of Orthop. Surg. and Joint Surg. Center,
Takatsuki General Hosp. | Yuma ONOI, et al 329 |
| Room 5 | 1-7-OR11-07 | Changes in Bone density and Body Composition after Total Knee Arthroplasty
Dept. of Orthop. Surg., Sasayama Medical Center,
Hyogo College of Medicine | Akira OKAYAMA, et al 329 |

9 : 09 ~ 9 : 57 Oral 12 TKA GAP 1 Moderator : Tokifumi MAJIMA

- | | | | |
|-------------|-------------|--|----------------------------------|
| Room 6 | 1-7-OR12-01 | Accuracy of extension gap evaluation in pre-cut method - Difference from bone gap evaluation in spacer block of modified gap method -
Dept. of Orthop. Surg., Saiseikai Toyama Hospital | Hideto FUJII, et al 329 |
| Room 7 | 1-7-OR12-02 | The bone resection of the femoral posterior condyle affect the extension angle of knee after TKA using precut technique
Dept. of Orthop. Surg., Eniwa Hospital | Yusuke NISHIO, et al 330 |
| Room 8 | 1-7-OR12-03 | Change of medial gap by pre-cut and posterior clearance in TKA
Dept. of Orthop. Surg., The Jikei Univ. School of Medicine | Atsuhito KAKUTA, et al 330 |
| Room 9 | 1-7-OR12-04 | The component gap using pre-cut trial during posterior stabilized total knee arthroplasty
Dept. of Orthop. Surg., University of Occupational
and Environmental Health | Makoto KAWASAKI, et al 330 |
| Room 10 | 1-7-OR12-05 | Intraoperative Evaluation of Gap Pattern Using Digital Balancer in Total Knee Arthroplasty
Hokkaido Orthopaedic Memorial Hospital /
JCHO Sapporo Hokushin Hospital | Naoki SEITO, et al 330 |
| Poster Room | | | |

- 1-7-OR12-06 Influence of Intra-operative Medial Soft Tissue Tension to Post-operative Flexion of the Knee Following TKA with Modified Gap Balancing Technique
Joint Replacement Center, Ogori Daiichi General Hosp. Hiroshi FUJII, et al 331

10 : 00 ~ 10 : 56 Oral 13 TKA GAP 2

Moderator : Hiroshi HORIUCHI

- 1-7-OR13-01 Experience in using CS type mobile, Vanguard ROCC - Is it necessary to increase the size of the femoral component by PCL sacrifice? -
Dept. of Orthop. Surg., Saiseikai Toyama Hospital Hideto FUJII, et al 331
- 1-7-OR13-02 The experience which used curved gap gauge for the gap assessment of TKA of the Kaneyama's precut method
Dept. of Orthop. Surg., Saiseikai Toyama Hospital Hideto FUJII, et al 331
- 1-7-OR13-03 The surface shape of tensor in TKA affects the value of gap
Osaka City General Hospital Yoshio MATSUI, et al 331
- 1-7-OR13-04 Sacrifice of Posterior Cruciate Ligament and Flexion Gap in TKA -The Effect of Medial Soft Tissue preserving-
Dept. of Orthop. Surg., Toyooka Chuo Hospital Hidetoshi HAMAGUCHI, et al 332
- 1-7-OR13-05 Analysis of radiographic and morphologic factors affecting extension-flexion gap balance in total knee arthroplasty
Dept. of Orthop. Surg., Gifu University, Graduate School of Medicine Koki KATO, et al 332
- 1-7-OR13-06 The possibility for improvement of patient's outcome when a gap control technique is used in PS-TKA
Dep. of Orthop. Surg., Onishi Hosp. Hitoshi NOCHI, et al 332
- 1-7-OR13-07 Study of soft tissue balance measurement between precutting trial and final trial due to the difference of the amount of additional posterior femoral condyle osteotomy in the Pre-cut TKA
Dept. of Orthop. Surg., Kitasato Univ. Dai IWASE, et al 332

12 : 40 ~ 13 : 40 Luncheon Seminar 7

Moderator : Etsuo CHOSA

- 1-7-LS7-01 The perioperative management of Total Knee Arthroplasty to improve the effectiveness of postoperative rehabilitation
Funabashi Orthopaedic Hospital Hidetaka HIGASHI 246
- 1-7-LS7-02 Surgical practice for optimal patient and staff experience
Omuro Orthopaedic Spine & Joint Clinic Norikazu YOKOYAMA 247
Sponsored by Johnson & Johnson K.K.

15 : 10 ~ 15 : 50 Oral 14 TKA GAP 3

Moderator : Noboru IKEDA

- 1-7-OR14-01 Influence of Intraoperative Soft Tissue Balance on 1 Year Postoperative Ambulatory Function after PS-TKA
Dept. of Orthop. Surg., Steel Memorial Hirohata Hosp. Kemmei IKUTA, et al 333

Day 1
Feb. 15 (Fri.)Day 2
Feb. 16 (Sat.)

Room 1

Room 2

Room 3

Room 4

Room 5

Room 6

Room 7

Room 8

Room 9

Room 10

Poster Room

Day 1 Feb. 15(Fri.)	1-7-OR14-02	The change of bony gap derived from resection of PCL on the TKA, using navigation system and digital knee balancer JA Hiroshima Yoshida General Hospital Mitsuru MOTOYAMA, et al 333
Day 2 Feb. 16(Sat.)	1-7-OR14-03	Comparison of Component Gap, Mediolateral Laxity and Anteroposterior Laxity at Deep Flexion between Bicruciate-retaining and Bicruciate-substituting Total Knee Arthroplasty Dept. Orthop. of Tokyo Univ. Ryota YAMAGAMI, et al 333
Room 1	1-7-OR14-04	Optimal tension of extension and flexion gap of severe varus deformity in primary TKA -Evaluation with digital balancer and post operation stress Xp Dept. of Orthop. Surg., Hokkaido Orthopaedic Memorial Hospital Jun UCHIDA, et al 333
Room 2	1-7-OR14-05	Determination of the valgus angle of distal femoral cut for balanced extension gap Dept. of Orthop. Surg., Tomishiro Central Hosp. Seigen MORI, et al 334
15 : 53 ~ 16 : 49 Oral 15 Imaging assessment for TKA Moderator : Tomohiro OJIMA		
Room 3	1-7-OR15-01	In the TKA, were planned alignment and ligament balance obtained? Dept. of Orthop. Surg., Hakodate Orthopedics Clinic Yasumitsu OKOSHI, et al 334
Room 4	1-7-OR15-02	Three Dimensional Analysis of Femoro-tibial Rotational Mismatch after Total Knee Arthroplasty Dept. of Orthop. Surg., Osaka City Univ. Hideki UEYAMA, et al 334
Room 5	1-7-OR15-03	Analysis of Proximal Tibial Morphology and a Tibial Cut Line in Bicruciate-retaining Total Knee Arthroplasty Using a CT-based 3-dimensional preoperative planning system Dept. Orthop. of Tokyo Univ. Ryota YAMAGAMI, et al 334
Room 6	1-7-OR15-04	Relationship between Bone Marrow Lesion of knee MRI and 2011 Knee Society Score before and after TKA Dept. of Orthop. Surg., Tokushima Univ. / Nijinohashi Hospital Fuyuki TAKAGAWA, et al 335
Room 7	1-7-OR15-05	Usefulness of the "grand-piano sign" for determining femoral rotational alignment in total knee arthroplasty Dept. of Orthop. Surg. Graduate School of Medical Sciences Kanazawa Univ. / JCHO Kanazawa Hosp. Takaaki OMORI, et al 335
Room 8	1-7-OR15-06	Usefulness of KneeAlign II in total knee arthroplasty of strong coronal femoral bowing patients Center for Joint Replacement Surgery, Kishigawa Rehabilitation Hospital / Dept. of Orthop. Surg., Wakayama Medical Univ. Wataru TANIGUCHI, et al 335
Room 9	1-7-OR15-07	Three-dimensional femoral bone morphology analysis in patients with osteoarthritis Dept. of Orthop. Surg., Matsuyama Red Cross Hosp. Akio EGUCHI, et al 335
Room 10		
Poster Room		

17 : 20 ~ 18 : 20 Evening Seminar 5

Moderator : Harumoto YAMADA

1-7-ES5-01 Hot Topics about Rheumatoid Arthritis and Spondyloarthritis in the field of Orthopaedic Surgery

Dept. of Orthop. Surg., Keio Univ. Yasuo NIKI 258

Sponsored by Chugai Pharmaceutical Co., Ltd.

Day 1
Feb. 15(Fri.)

Day 2
Feb. 16(Sat.)

Room 1

Room 2

Room 3

Room 4

Room 5

Room 6

Room 7

Room 8

Room 9

Room 10

Poster Room

Friday, February 15, Room 8

8 : 10 ~ 9 : 06 Oral 16 Epidemiology and basics of THA Moderator : Toru ICHISEKI

- | | | | |
|------------------------|-------------|--|----------------------------------|
| Day 1
Feb. 15(Fri.) | 1-8-OR16-01 | Difference in surgical treatment between Japan and the United States for the patients with osteonecrosis of the femoral head
Dept. of Orthop. Surg., Kyoto Univ. | Yutaka KURODA, et al 336 |
| Day 2
Feb. 16(Sat.) | 1-8-OR16-02 | Twenty-years Trends of Total hip arthroplasty for Nontraumatic Osteonecrosis of the Femoral Head: A Hospital-Based Sentinel Monitoring System in Japan
Dept. of Orthop. Surg., Nagoya University
Graduate School of Medicine | Shinya KANEKO, et al 336 |
| Room 1 | 1-8-OR16-03 | A Cause Disease And Change Of The Total Hip Arthroplasty Art To Be Able To Put In The Past 14 Years
Dept. of Orthop. Surg., Tokyo Medical Univ. | Yohei NISHIKAWA, et al 336 |
| Room 2 | 1-8-OR16-04 | Contribution of Runt-Related Transcription Factor 2 in Osteoarthritic Hips: An Immunohistochemical Study
Dept. of Orthop. Surg., Tokushima Municipal Hospital | Shinji YOSHIOKA, et al 336 |
| Room 3 | 1-8-OR16-05 | The Radius of femoral calcar
Dept. of Orthop. Surg., Marunouchi Hosp. | Masashi NAWATA, et al 337 |
| Room 4 | 1-8-OR16-06 | Evaluation of Soft Tissue Tension for Symptomatic Patients after Total Hip Arthroplasty
Okayama Rosai Hospital | Toshinori OMORI, et al 337 |
| Room 5 | 1-8-OR16-07 | Prospective comparative study of smooth-surfaced Titanium stem and polish-surfaced Stainless steel stem fixed with interface bioactive bone cement technique at a minimum follow-up of 10 years
Inst. for Joint Replacement, Dept. of Orthop. Surg.,
Kyoto Katsura Hosp. | Hiroshi FUJITA, et al 337 |

9 : 09 ~ 9 : 49 Oral 17 THA surgical technique Moderator : Kazuo HIRAKAWA

- | | | | |
|-------------|-------------|--|--------------------------------------|
| Room 6 | 1-8-OR17-01 | The contrivance when we operate BHA or THA for femoral neck fracture without an assistant
Abashirikousei General Hosp. | Reo GOTO 337 |
| Room 7 | 1-8-OR17-02 | A Simple Device to prevent Neurovascular Injury During Acetabular Screw Fixation
Dept. of Orthop. Surg., Juntendo Univ. Nerima Hosp. | Suguru KATO, et al 338 |
| Room 8 | 1-8-OR17-03 | Proving Improvement of Accuracy of Acetabular Component Alignment using Dual Square Guides in Supine Approach Total Hip Arthroplasty
Dept. of Orthop. Surg., Kohsei Chuo General Hospital | Koji TSUJI, et al 338 |
| Room 9 | 1-8-OR17-04 | Shortened Effect of Skin Incision Length and Usage Techniques of V-Loc in Total Hip Arthroplasty
Dept. of Orthop. Surg.,
Yanagawa Rehabilitation Hospital | Kazuhiro YOSHIMITSU, et al 338 |
| Room 10 | 1-8-OR17-05 | The difference of surgical gloves affect the working time in the cement technique
Dept. of Orthop. Surg., Hashimoto Municipal Hosp. | Naoya MINE, et al 338 |
| Poster Room | | | |

9 : 52 ~ 10 : 48 Oral 18 THA QOL		Moderator : Shigeru YANAGIMOTO	
1-8-OR18-01	Patient-reported Outcomes and Perioperative Complications in THA following Joint Preservation Surgery for DDH Funabashi Orthopaedic Hospital	Tatsuya TAMAKI, et al	339
1-8-OR18-02	Factors That Affect Patient Reported Outcome Measurement After Total Hip Arthroplasty Dept. of Orthop. Surg., Kyoto Univ.	Toshiyuki KAWAI, et al	339
1-8-OR18-03	The Occurrence Frequency and the Related Factors of Chronic Postsurgical Pain after the Unilateral Total Hip Arthroplasty Dept. of Rehabilitation, Funabashi Orthopaedic Clinic	Riko HIRAO, et al	339
1-8-OR18-04	Joint perception after total hip arthroplasty -relationships to quality of life and satisfaction, and evaluation of influential factors- Dept. of Orthop. Surg., Kyushu Univ.	Kyohei SHIOMOTO, et al	339
1-8-OR18-05	Midterm PROMs of cemented THA in patients aged 75 years and older using JHEQ to extend healthy life expectancy Dept. of Orthop. Surg., Osaka Medical College	Yoshinori OKAMOTO, et al	340
1-8-OR18-06	Activity after total hip arthroplasty -comparisons between Rheumatoid arthritis and Osteoarthritis Dept. of Orthop. and Rheumatol. National Hospital Organization, Kyushu Medical Center	Kenjiro FUJIMURA, et al	340
1-8-OR18-07	Unilateral primary total hip arthroplasty affects the contralateral hip pain and function Dept. of Orthop. Surg., Nagoya Univ.	Yasuhiko TAKEGAMI, et al	340
12 : 40 ~ 13 : 40 Luncheon Seminar 8		Moderator : Hajime SUGIYAMA	
1-8-LS8-01	Pain management strategies that are effective for pain control of osteoarthritis and labral tear of hip joint Dept. of Orthop. Surg., Keio Univ.	Arihiko KANAJI	247
Sponsored by SHIONOGI & CO., LTD. / Eli Lilly Japan K.K.			
15 : 10 ~ 15 : 58 Oral 19 THA revision 1		Moderator : Toshiki IWASE	
1-8-OR19-01	Treatment results using Porous Tantalum Acetabular Augment for Hip Replacement Surgery Dept. of Orthop., Eniwa Hospital	Hideaki INAMITSU, et al	340
1-8-OR19-02	Clinical results of Total Hip Arthroplasty using Supporting Devices Dept. of Orthop. Surg., Akita Kousei Medical Center	Natsuo KONISHI, et al	341
1-8-OR19-03	Acetabular reconstruction after bipolar hemiarthroplasty Dept. of Orthop. Tokushima University	Tomohiro GOTO, et al	341
1-8-OR19-04	Short term results of revision total hip arthroplasty using the Burch-Schneider Reinforcement Cage for acetabular reconstruction Dept. of Orthop. Med. Engineering, Osaka Univ.	Wataru ANDO, et al	341

Day 1
Feb. 15(Fri.)Day 2
Feb. 16(Sat.)

Room 1

Room 2

Room 3

Room 4

Room 5

Room 6

Room 7

Room 8

Room 9

Room 10

Poster Room

Day 1
Feb. 15(Fri.)
Day 2
Feb. 16(Sat.)
Room 1
Room 2
Room 3
Room 4
Room 5
Room 6
Room 7
Room 8
Room 9
Room 10
Poster Room

1-8-OR19-05 Long-term results of the stem revision with cement-in-cement technique
Dept. of Orthop. Surg., Kyoto University Koji GOTO, et al 341

1-8-OR19-06 Stem revision THA with impaction bone grafting
Dept. of Orthop. Surg., Okayama Univ. Hirosuke ENDO, et al 342

16 : 01 ~ 16 : 41 Oral 20 THA revision 2 Moderator : Keiji SANO

1-8-OR20-01 The evaluation of acetabular cup implantation for revision-THA
Dept. of Orthop. Surg., Yokohama Minami Kyouzai Hosp. Satoshi TAMAOKI, et al 342

1-8-OR20-02 Postoperative results of revision THA requiring cement fixation of polyethylene liner to existing acetabular components
Dept. of Orthop. Surg., Sapporo Medical Univ. Ima KOSUKEGAWA, et al 342

1-8-OR20-03 Acetabular reconstruction with the Kerboul-type plate at mid-term follow-up: survivorship analysis and prognostic factors for loosening
Dept. of Orthop. Surg., Ehime Univ. Tomomi KAMADA, et al 342

1-8-OR20-04 Revision Acetabular Reconstruction Using a Murata Chiba Support Ring and Cementless Cup: A Minimum of 15-Year Follow-Up
Dept. of Orthop. Surg., Graduate School of Medicine, Chiba Univ. / Dept. of Orthop. Surg., Chiba Rehabilitation Center Kensuke YOSHINO, et al 343

1-8-OR20-05 Revision Total Hip Arthroplasty Using Allogenic Bone Graft Delivered from Regional Bone Bank for Vancouver Type B3 Periprosthetic Femoral Fracture
Hip & Knee Reconstruction Arthroplasty Center, Hamamatsu Medical Center / Dept. of Orthop. Surg., Hamamatsu Medical Center / Dept. of Orthop. Surg., Hamamatsu Medical Center Toshiki IWASE, et al 343

17 : 20 ~ 18 : 20 Evening Seminar 6 Moderator : Setsuro KOMIYA

1-8-ES6-01 Best Practice on Postoperative Wound Management of Replacement Arthroplasty: No Dehiscence/Infection, and Aesthetically acceptable ~Concept of Wound management
Dept. of Plast. Surg., Tokyo Medical Univ. Hajime MATSUMURA 258

1-8-ES6-02 Best Practice on Postoperative Wound Management of Replacement Arthroplasty~Wound closure and management after TKA -Aiming for reducing superficial SSI and better tolerability -
Dept. of Orthop. Surg., Wajo Eniwa Hosp. Shoichi KIMURA 259

Sponsored by ConvaTec Japan

Friday, February 15, Room 9

8 : 10 ~ 8 : 58 Oral 21 Rotational alignment in TKA 1 Moderator : Ryuji NAGAMINE

- 1-9-OR21-01 Do the coronal alignment of femoral and tibial components influence clinical outcomes in total knee arthroplasty?
Shiga Univ. of Medical Science Mitsuhiko KUBO, et al 343
- 1-9-OR21-02 Relationship between implant installation angle and mechanical axis at the coronal plane after TKA
Dept. of Orthop. Chugoku Rousai Hospital Toshiaki TASHIMA, et al 343
- 1-9-OR21-03 The Changes of Knee Joint Line after Total Knee Arthroplasty
Kobe City Medical Center General Hospital Tatsuya SUEYOSHI, et al 344
- 1-9-OR21-04 Extrinsic Factors as Component Positions to Bone and Intrinsic Factors Affecting Postoperative Rotational Limb Alignment in Total Knee Arthroplasty
Dept. of Orthop. Surg., Niigata Univ. Tomoharu MOCHIZUKI, et al 344
- 1-9-OR21-05 Assessment of 3D relative position between femur and tibia associated with varus progression in knee osteoarthritis
Dept. of Orthop. Surg., Ehime Univ. Masaki NAKASUKA, et al 344
- 1-9-OR21-06 Influence of Femoral Lateral Bowing on Postoperative Lower Limb Alignment and Mid-term Clinical Outcome in Total Knee Arthroplasty
Dept. of Orthop. Surg., Nagoya Univ. Shinya ISHIZUKA, et al 344

9 : 01 ~ 9 : 49 Oral 22 Rotational alignment in TKA 2 Moderator : Ichiro SEKIYA

- 1-9-OR22-01 Evaluation of the References for Rotational Alignment of the Tibial Component in Total Knee Arthroplasty
Hanwa Joint Reconstruction Center Kenka RA, et al 345
- 1-9-OR22-02 Evaluation of Valgus Femoral Osteotomy Angle in Bilateral TKAs
Naniwaikuno Hosp. Joint Arthroplasty Center Yoshiaki OKAJIMA, et al 345
- 1-9-OR22-03 Evaluation of change in lower limb alignment during 10 years after TKA and factors related with the alignment change
Dept of Orthop Surg, Univ. of Kobe Yuichi KURODA, et al 345
- 1-9-OR22-04 New Landmark: An Anteroposterior Axis of the Tibia for Total Knee Arthroplasty
Dept. Orthop. Surg., Katsushika Edogawa Hosp. /
Dept. Sports Medicine, Edogawa Hosp. Masahiro KOJIMA, et al 345
- 1-9-OR22-05 Postoperative Rotational Relationship Angle Between Femur and Tibia Showed a Strong Correlation with the Rotational Alignment of the Tibial Component over the State of Preoperative Rotational Relationship in PS type TKA
Dept. of Orthop. Surg., Shiga Univ. of Medical Science Tsutomu MAEDA, et al 346
- 1-9-OR22-06 Relationship between rotation alignment and patient-reported outcomes after total knee arthroplasty
Dept. of Orthop. Surg., Toho Univ.
Medical Center Sakura Hosp. Manabu YAMADA, et al 346

Day 1
Feb. 15(Fri.)Day 2
Feb. 16(Sat.)

Room 1

Room 2

Room 3

Room 4

Room 5

Room 6

Room 7

Room 8

Room 9

Room 10

Poster Room

		9 : 52 ~ 10 : 40 Oral 23 TKA surgical technique 1		Moderator : Satoshi ROPPONGI
Day 1 Feb. 15(Fri.)	1-9-OR23-01	Direct medial approach for primary total knee arthroplasty -preliminary outcome-	Dept. of Orthop. Surg., Chiba Univ.	Junichi NAKAMURA, et al 346
Day 2 Feb. 16(Sat.)	1-9-OR23-02	Validation of rotational alignment of tibial component decided by the foot axis in reference to the mechanical axis, and rotational mismatch between femoral and tibial component after total knee arthroplasty	Dept. of Orthop. Surg., Shin-Kaminokawa Hosp.	Hitoshi SEKIYA, et al 346
Room 1	1-9-OR23-03	A relationship between the component gap and the insert gap by using Vanguard PSRP in total knee arthroplasty	Dept. of Orthop. Surg., Saiseikai Takaoka Hosp.	Koichi KANEKASU, et al 347
Room 2	1-9-OR23-04	Importance of cement technique in Vanguard XP ~ Review of 20 cases of 2 years after operation using high pressure carbon dioxide gas washing (CarboJet) ~	Saitama Cooperative Hospital	Ayano KUWASAWA, et al 347
Room 3	1-9-OR23-05	A relationship between the insert gap and postoperative knee flexion angle by using Persona CR in total knee arthroplasty	Dept. of Orthop. Surg., Saiseikai Takaoka Hosp.	Koichi KANEKASU, et al 347
Room 4	1-9-OR23-06	Effect of referencing methods on the postoperative posterior condylar offset and range of motion in total knee arthroplasty	Dept. of Orthop. Surg., Kawaguchi Kogyo General Hosp.	Toru TAKAHASHI, et al 347
		10 : 43 ~ 11 : 23 Oral 24 TKA surgical technique 2		Moderator : Takashi SATO
Room 5	1-9-OR24-01	The presence of hallux valgus in TKA is an important indicator to reduce tibial bone resection amount	Joint Arthroplasty Center., Naniwa Ikuno Hosp.	Takahiro YAMABE, et al 348
Room 6	1-9-OR24-02	Synovectomy during bilateral total knee arthroplasty - randomized controlled trial -	Naniwa Ikuno Joint arthroplasty center	Hidekazu TANAKA, et al 348
Room 7	1-9-OR24-03	Investigation of the optimal tibial posterior slope angle in the cruciate retaining total knee arthroplasty	Dept. Orthop. Surg., Toho Univ.	Takashi NAKAMURA, et al 348
Room 8	1-9-OR24-04	Morphological Patterns of Anterior Femoral Condylar Resection in Total Knee Arthroplasty ~Effect of femoral component rotation and thickness of anterior resection bone~	Dept. of Orthop. Surg., Tonami General Hospital	Hiroshi YAMADA, et al 348
Room 9	1-9-OR24-05	Should we preserve the bone island in cruciate retaining total knee arthroplasty?	Dept. of Bone and Joint Surg. Ehime Univ. Graduate School of Medicine	Tatsuhiko KUTSUNA, et al 349
		12 : 40 ~ 13 : 40 Luncheon Seminar 9		Moderator : Naoto ENDO
Poster Room	1-9-LS9-01	Hip fracture Management, Patient Care and Osteoporosis Treatment	Dept. of Orthop., Seirei Sakura Citizen Hosp.	Shunji KISHIDA 248 Sponsored by DAIICHI SANKYO COMPANY, LIMITED

15 : 10 ~ 15 : 58 Oral 25 TKA implants and designs		Moderator : Shinichi YOSHIYA
1-9-OR25-01	The component gap of BCR TKA, CR TKA, AS TKA, and UKA comparing to post of standing lat. x-ray and gravity sag view Dept. of Orthopaedic. Surg. Nagoya City Univ.	Masahiro NOZAKI, et al 349
1-9-OR25-02	Assessment of rotational laxity and kinematics between mobile-bearing and fixed-bearing posterior stabilised total knee replacements Dept. of Orthop. Surg., Kobe Kaisei Hosp.	Hiroshi SASAKI, et al 349
1-9-OR25-03	Evaluation of tibial component setting angle in Kinematic retaining TKA Dept. of Orthop. Surg., Marunouchi Hosp.	Takashige MOMOSE, et al 349
1-9-OR25-04	The influences of component position for postoperative outcome after total knee arthroplasty Div. of Orthopedic. Surg., Niigata Univ.	Osamu TANIFUJI, et al 350
1-9-OR25-05	Accurate information on TKA's femoral AP sizer cannot be obtained from surgical procedures Dept. of Orthop. Surg., International Goodwill Hosp.	Toshiki KAWASAKI 350
1-9-OR25-06	Comparison of a vitamin E-infused HXLPE insert and a conventional polyethylene insert for primary total knee arthroplasty at two years postoperatively Dept. of Orthop. Surg. Osaka City Univ. Grad. Sch. of Med.	Susumu TAKEMURA, et al 350
16 : 01 ~ 16 : 57 Oral 26 TKA revision		Moderator : Ryuichi GEJO
1-9-OR26-01	Tibial Metaphyseal Sleeves in Revision Total Knee Arthroplasty Dept. of Orthop. Surg., and Rheumatology, National Hospital Organization Nagoya Medical Center	Yosuke HATTORI, et al 350
1-9-OR26-02	Clinical Evaluation of Revision Total Knee Arthroplasty Dept. of Orthop. Surg., Nagoya Univ.	Takashi HAMADA, et al 351
1-9-OR26-03	Clinical results of Total knee Arthroplasty after High Tibial Osteotomy and Unicompartamental Knee Arthroplasty Dept. of Orthop. Surg., Japan Community Health Care Organization Gunma Central Hosp.	Atsufumi OSHIMA, et al 351
1-9-OR26-04	Three cases of early revision total knee arthroplasty for tibial component debonding in ATTUNE Knee System Dept. of Ortop. Surg., The Jikei University School of Medicine / Dept. of Ortop. Surg., The Jikei University Kashiwa Hospital	Eiji KIJIMA, et al 351
1-9-OR26-05	Short-term results of revision total knee arthroplasty Dept. of Orthop. Surg., Tohoku Rosai Hosp.	Hisayoshi INOUE, et al 351
1-9-OR26-06	Causes and Clinical Outcomes of Revision Total Knee Arthroplasty Dept. of Orthop. Surg., Saga Univ.	Yosuke MATSUMURA, et al 352
1-9-OR26-07	Treatment Strategy of Total Knee Arthroplasty Revision Sonoda Joint Replacement Center Hosp.	Masamitsu SAKAMOTO, et al 352

Day 1
Feb. 15(Fri.)Day 2
Feb. 16(Sat.)

Room 1

Room 2

Room 3

Room 4

Room 5

Room 6

Room 7

Room 8

Room 9

Room 10

Poster Room

17 : 20 ~ 18 : 20 Evening Seminar 7 Moderator : Akihiro SUDO

- Day 1
Feb. 15(Fri.)
- 1-9-ES7-01 Full HA Stem Concept And Implant Selection
Hanwa Joint Reconstruction Center Mitsunari KIN 259
- Day 2
Feb. 16(Sat.)
- 1-9-ES7-02 Early Stage Evaluation of Full HA Compaction Stem from multiple points of view
-Theoretical Concept and Early Result-
Dept. of Orthop. Surg., Institute of Clinical Medicine,
University of Tsukuba Hajime MISHIMA 260
Sponsored by Smith & Nephew KK

Room 1
Room 2
Room 3
Room 4
Room 5
Room 6
Room 7
Room 8
Room 9
Room 10
Poster Room

Friday, February 15, Room 10

8 : 10 ~ 8 : 50 Oral 27 THA for highly dislocated hip Moderator : Keiichi KAWANABE

- 1-10-OR27-01 Minimal 10 years follow-up of total hip arthroplasty combined with subtrochanteric osteotomy
Saga Univ. Saori MOTEGI, et al 352
- 1-10-OR27-02 Criteria of femoral shortening osteotomy in total hip arthroplasty for high hip dislocation
Dept. of Orthop. Surg., Kansai Rosai Hospital Takeshi OGAWA, et al 352
- 1-10-OR27-03 Clinical and radiographic result of total hip arthroplasty with subtrochanteric osteotomy
Dept. of Bone and joint Surg., Ehime Univ. Graduate School of Medicine Joji MIYAWAKI, et al 353
- 1-10-OR27-04 Long term results and cup procedure for high dislocation of the hip joint disease
Dept. of Orthop. Surg., Konan Kosei Hosp. Masashi KAWASAKI, et al 353
- 1-10-OR27-05 The leg extension ratio can be a novel index to prevent sciatic nerve palsy after THA for severe dysplasia cases
Dept. of Orthop. Surg., Saiseikai Yokohamashi Tobu Hosp. Atsushi FUNAYAMA, et al 353

8 : 53 ~ 9 : 41 Oral 28 Dislocation and impingement Moderator : Ayumi KANEUJI

- 1-10-OR28-01 The Study of Dislocation after Total Hip Arthroplasty in Direct Anterior Approach
Funabashi Orthop. Hosp. Yoshiatsu NAKAKITA, et al 353
- 1-10-OR28-02 Posterior soft tissue repair of obturator externus muscle with bony insertion - Prevention of dislocation and develops of instrument -
Dept. of Orthop. Surg., Fukushima Medical Univ. Shigeo AOTA, et al 354
- 1-10-OR28-03 Prevention of dislocation after total hip arthroplasty to patient over 80 years old - Use of Dual Mobility Cup and repair of External obturator muscle
Dept. of Orthop. Surg., Oyamato Hospital Yasuo SHIMONISHI, et al 354
- 1-10-OR28-04 The experience of THA with Freedom constrained liner for cases of recurrence dislocation after THA or high risks of dislocation for THA
Dept. of Orthop. Surg., Graduate School of Medicine, Osaka City Univ. Sho MASUDA, et al 354
- 1-10-OR28-05 Posterior stabilizer in total hip arthroplasty with direct anterior approach
Dept. of Orthop. Surg., Japanese Red Cross Saitama Hosp. Daisuke KOGA, et al 354
- 1-10-OR28-06 The influence of liner depth to hip instability
Dept. of Orthop. Surg., Osaka Rosai Hosp. Mitsuyoshi YAMAMURA, et al 355

9 : 44 ~ 10 : 40 Oral 29 Periprosthetic femoral fracture Moderator : Takeshi SAWAGUCHI

- 1-10-OR29-01 Problems of the epidemiology and treatments for periprosthetic femoral fracture -retrospective multicenter study-
Dept. of Orthop. Surg., Konan Kosei Hosp. Masashi KAWASAKI, et al 355

Day 1
Feb. 15(Fri.)Day 2
Feb. 16(Sat.)

Room 1

Room 2

Room 3

Room 4

Room 5

Room 6

Room 7

Room 8

Room 9

Room 10

Poster Room

Day 1 Feb. 15 (Fri.)	1-10-OR29-02	Periprosthetic fractures around cemented polished tapered stems Dept. of Orthop. Surg & Joint Reconstructive Surg., Toyama Municipal Hospital	Shintaro IWAI, et al 355
	1-10-OR29-03	Clinical results of periprosthetic femoral fractures Funabashi Orthopaedic Hosp.	Yoko MIURA, et al 355
Day 2 Feb. 16 (Sat.)	1-10-OR29-04	Results of treatment for Periprosthetic fractures in our hospital Dept. of Orthop., Traumatology and Spine Surg., Kawasaki Medical School	Kazuhiro ONARU, et al 356
Room 1	1-10-OR29-05	Investigation of Periprosthetic Fracture after Total Hip Arthroplasty Using the Direct Anterior Approach Junior Resident of Dept. of Orthop. Surg., Yamaguchi Prefectural Grand Medical Center	Hiroaki KOBAYASHI, et al 356
Room 2	1-10-OR29-06	Retrospective study for the treatment of periprosthetic femoral fracture using periprosthetic plate; Our treatment strategy Dept. of Orthop. Surg., Goushi Hosp.	Shohei OKAHISA, et al 356
Room 3	1-10-OR29-07	Study for the influence that the different shape of the stem gives to periprosthetic femoral fracture Kochi Red Cross Hospital	Tadashi UCHIDA, et al 356
Room 4	15 : 10 ~ 16 : 06 Oral 30 THA navigation 1 Moderator : Hidenobu MIKI		
Room 5	1-10-OR30-01	Factors affecting the pelvic axial rotation during total hip arthroplasty in supine position Dept. of Orthop. Surg., Kobe Univ. Graduate School of Med.	Tomoyuki KAMENAGA, et al 357
Room 6	1-10-OR30-02	The Accuracy of Accelerometer-based Portable Navigation for Cup Alignment in Total Hip Arthroplasty in Supine Position Dept. of Orthop. Surg., Osaka City Univ.	Suguru NAKAMURA, et al 357
Room 7	1-10-OR30-03	Evaluation of cup angle with HipAlign supine system in total hip arthroplasty Dept. of Orthop. Surg., Japanese Red Cross Kyoto Daini Hosp.	Yasuto FUKUI, et al 357
Room 8	1-10-OR30-04	Accuracy of cup positioning using HipAlign for THA by direct anterior approach Matsudo Orthopaedic Hospital	Koya KAMIKAWA, et al 357
Room 9	1-10-OR30-05	Accuracy of acetabular cup positioning for THA with HipAlign-spine by ALS and DAA with leg positioner Joint Reconstruction Center, Aihara Hosp.	Masaharu AIHARA, et al 358
Room 10	1-10-OR30-06	Pelvic Tilt of Total Hio Arthroplasty Using Anterior Approach -Measurement Using Portable Navigation- Dept. of Orthop. Surg., Konan Kosei Hospital	Masanori OKAMOTO, et al 358
Poster Room	1-10-OR30-07	Accuracy of portable navigation system in THA using ALS approach Dept. of Orthop. Surg., and Joint Center, Takatsuki General Hospital	Takaaki FUJISHIRO, et al 358

16 : 09 ~ 16 : 49 Oral 31 THA navigation 2

Moderator : Tamon KABATA

- 1-10-OR31-01 Accuracy of Acetabular Component Orientation in Total Hip Arthroplasty with and without CT-based Navigation
 Joint Replacement Center, JCHO Tamatsukuri Hosp. Yasutaka HASEGAWA, et al 358
- 1-10-OR31-02 Comparison of the achievement of optimal cup setting angle between residents and hip surgeon during THA with navigation
 Dept. of Orthop. Surg., Hyogo College of Medicine Ariha GOSHI, et al 359
- 1-10-OR31-03 Accuracy of acetabular cup placement using CT-based navigation in total hip arthroplasty: Comparison between obese and non-obese patients
 Div. of Comprehensive Geriatrics in Community, Niigata Univ. Norio IMAI, et al 359
- 1-10-OR31-04 Ten Years Results of Total Hip Arthroplasty Using CT-based Navigation System
 Center of Arthroplasty, Kyowakai Hospital Nobuo NAKAMURA, et al 359
- 1-10-OR31-05 Accuracy of cup alignment in primary THA using an imageless navigation system
 Saiseikai Nakatsu Hospital Yoshito MINAMI, et al 359

Day 1
Feb. 15(Fri.)

Day 2
Feb. 16(Sat.)

Room 1

Room 2

Room 3

Room 4

Room 5

Room 6

Room 7

Room 8

Room 9

Room 10

Poster Room

Friday, February 15, Poster Room

13 : 50 ~ 14 : 30 Poster 1 TKA GAP

Moderator : Koichi KANEKASU

- | | | | |
|------------------------|--------|--|--|
| Day 1
Feb. 15(Fri.) | | | |
| Day 2
Feb. 16(Sat.) | PS1-01 | Comparison of the joint gap using tensor devise in TKA -precut technique and measured resection technique-
Joint Reconstruction Center, Katsuragi Hosp. Shuhei ODA, et al 417 | |
| Room 1 | PS1-02 | Effects of posterior condylar osteophytes on gap balancing in total knee arthroplasty
Dept. of Orthop. Surg., Showa Univ. Fujigaoka Hosp. Shin KATO, et al 417 | |
| Room 2 | PS1-03 | The gaps derived from precut method in the total knee arthroplasty change at final trial step
Dept. of Joint Reconstruction Center, Katsuragi Hosp. Mikio NAKAJIMA, et al 417 | |
| Room 3 | PS1-04 | Creation of soft tissue balance using femoral posterior condylar precut trial in Total Knee Arthroplasty
Yokote Municipal Hospital Tatsuru TOMIOKA, et al 417 | |
| Room 4 | PS1-05 | The efficacy of Using Curved gap gauge for Medial Congruent type TKA
Dept. of Orthop. Surg., Higashimatsuyama Municipal Hosp. Manabu SHIMIZU, et al 418 | |
| Room 5 | PS1-06 | Influence of femoral implant narrow size option on intraoperative soft tissue balance in posterior stabilized total knee arthroplasty
Dept. of Orthop. Surg., Kobe Kaisei Hosp. Kazunari ISHIDA, et al 418 | |
| Room 6 | PS1-07 | Control of Posterior Sagging of the Tibia during Posterior Stabilized Total Knee Arthroplasty using the Posterior Sagging Control Device
Dept. of Orthop. Surg., Keijin-Kai Kawasaki Hosp. Isao ASAYAMA 418 | |
| Room 7 | PS1-08 | A modified gap method of adjusting the component gap for total knee arthroplasty using the navigation system -A comparison of CAD date and trial component-
Dept. of Orthop. Surg., Showa Univ. Fujigaoka Hosp. Hiroshi TAKAGI, et al 418 | |

13 : 50 ~ 14 : 20 Poster 2 TKA alignment 1

Moderator : Sadafumi ICHINOHE

- | | | |
|-------------|--------|--|
| Room 8 | PS2-01 | Tibial component migration during cement fixation and control of migration using intraoperative bone impaction
Dept. of Orthop. Surg., Japanese Red Cross Sagamihara Hosp. Takamasa HIKIDA, et al 419 |
| Room 9 | PS2-02 | Evaluation of Anatomical and Mechanical Alignment in Normal Knee
Dept. of Orthop. Surg., Showa Univ. Koto Toyosu Hosp. /
Dept. of Orthop. Surg., Showa Univ. Fujigaoka Hosp. Atsushi SATO, et al 419 |
| Room 10 | PS2-03 | The new method for determining rotational alignment of the tibial component in total knee arthroplasty: ROM α method
Dept. of Orthop. Surg., Tokyo University Kohei KAWAGUCHI, et al 419 |
| Poster Room | PS2-04 | Investigation of tibial component rotation axis in bicruciate-retaining total knee arthroplasty
Dept. of Orthop. Surg., Toho Univ. Ryo TAKAMATSU, et al 419 |

PS2-05 Rotational alignment of the tibial component in unicompartmental knee arthroplasty using the medial wall of the intercondylar notch
Dept. of Orthop. Surg., Kagawa Univ. Masaki MORI, et al 420

PS2-06 Radiographic changes in coronal alignment of the ankle joint after unicompartmental knee arthroplasty
Yuaikai Hosp. Hiroshi KATO, et al 420

13 : 50 ~ 14 : 20 Poster 4 TKA design

Moderator : Tadashi UCHIDA

PS4-01 Difference of knee joint function by total knee arthroplasty
- Comparison by the difference between the two components -
Dept. of phys Ther for Adults,
Chiba Rehabilitation Center Tomonari TOSAKA, et al 422

PS4-02 Long-term outcomes after fixed- versus mobile-bearing total knee arthroplasty in patients with simultaneous bilateral surgeries
Department of Joint Surgery and Sports Medicine,
Tokyo Medical and Dental University /
Dept. of Orthop. Surg.,
Nerima General Hospital Shingo FUKAGAWA, et al 422

PS4-03 Evaluation of postoperative result and radiolucent line of tibia Component on the Xp after total knee arthroplasty used ATTUNE
Dept. of Orthop. Surg., Showa Medical Univ. Fumiyoshi KAWASHIMA, et al 422

PS4-04 Short-term Clinical Results between Two Prostheses Used in TKA
Dept. of Orthop. Surg., Yamaguchi Grand Medical Center Eiichi SHIIGI, et al 422

PS4-05 Assessment of patient-reported outcomes between Bi-cruciate stabilized and Posterior stabilized total knee arthroplasty
Dept. of Orthop. Surg., Ehime Univ. Tomofumi KINOSHITA, et al 423

PS4-06 Comparison of the results of the Two Different Design of TKA by FJS (Forgotten Joint Score), Posterior Stabilizer vs. Medial Pivot
Dept. of Knee Joint Reconstruction Center,
Shonan Kamakura General Hospital Kenji HARA, et al 423

13 : 50 ~ 14 : 25 Poster 6 Imaging assessment for TKA

Moderator : Tetsuya TOMITA

PS6-01 Evaluation of Proximal Tibia Bone Quality without Teriparatide Administration after Total Knee Arthroplasty by Computed Tomography Number
Dept. of Orthop. Surg., Saga Univ. Takafumi SHIMAZAKI, et al 425

PS6-02 Introduction of accurate and repeatable X-ray imaging method
Dept. of Radiology, SOUSEIKAI Fukuoka Mirai Hospital Gen UEHARA, et al 425

PS6-03 Limitation of Preoperative Templating Using 2 Dimension Analogue Technique for Total Knee Arthroplasty
Dept. of Orthop. Surg., Yamaguchi Red Cross Hospital Yasuhiko KOKUBU, et al 425

PS6-04 Examination of lateral laxity in epicondylar view
Dept. of Orthop. Surg., Yamagata Saisei Hospital Takashi ITO, et al 425

Day 1
Feb. 15 (Fri.)

Day 2
Feb. 16 (Sat.)

Room 1

Room 2

Room 3

Room 4

Room 5

Room 6

Room 7

Room 8

Room 9

Room 10

Poster Room

Day 1 Feb. 15(Fri.)	PS6-05	The Relation of Tibia Axis between 2D and 3D Dept. of Orthop. Surg., Kurobe City Hospital	Ayano TOKUNAGA, et al 426
	PS6-06	Changes in Bone Mineral Density of the Proximal Femurs after Total Knee Arthroplasty without treatment for osteoporosis Dept. of Orthop. Surg., Kitasato Medical Univ.	Sayoko MINATO, et al 426
Day 2 Feb. 16(Sat.)	PS6-07	Accuracy of Patient-Specific Instrumentation TKA by postoperative CT evaluation 2nd report Dept. of Orthop. Surg., Nozaki-higashi Hospital	Takeshi KOJIMA, et al 426
Room 1	13 : 50 ~ 14 : 20 Poster 8 TKA results 1		Moderator : Nobuto KITAMURA
Room 2	PS8-01	Short term result of JOURNEY2 XR Dept. of Orthop. Nihon Univ.	Eiji CHO, et al 428
Room 3	PS8-02	Short-term results of JOURNEY II BCS knee arthroplasty with Navigation System -Correlation between conventional scoring systems and kinematics- Dept. of Orthop. Surg., Shiga Univ. Med. Sci.	Kosuke KUMAGAI, et al 428
Room 4	PS8-03	Postoperative result of Bicruciate-retaining TKA(Vanguard XP) Nihon University Hospital	Shintaro MISHIMA, et al 428
Room 5	PS8-04	Short term outcomes of total knee arthroplasty using Future Knee system Dept. of Orthop. Surg., Oita Univ. / Dept. of Endoprosthetic. Surg., Oita Univ.	Masashi HIRAKAWA, et al 429
Room 6	PS8-05	Short-term clinical results of Total Knee Arthroplasty using Attune CR Dept. of Orthop. Surg., Eniwa Hosp.	Noriaki MORI, et al 429
Room 7	PS8-06	Short-term result of CR-TKA using MicroPort Evolution Dept. of Artificial Joint Center, Daiyukai General Hospital	Masafumi OTANI, et al 429
Room 8	13 : 50 ~ 14 : 25 Poster 10 Functional evaluation of TKA		Moderator : Takahisa SASHO
Room 9	PS10-01	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 431
Room 10	PS10-02	Pre-op Patient Reported Outcome using 2011 Knee Society Score Dept. of Orthop. Surg., Osaka University Graduate School of Medicine	Masashi TAMAKI, et al 431
Poster Room	PS10-03	Physical function of deep Flexion knees after CR-TKA Dept. of Rehabilitation, Daiyukai General Hospital	Mikio ANDO, et al 432
	PS10-04	The change which is the physical function 3 months after surgery by the difference in independence walking with canes after total knee arthroplasty patients Tsukazaki Hospital / Kobe University Graduate School / Kibi Internantional Uniniversity / Hiroshima Uiniversity Graduate School	Kunihiro ONISHI, et al 432
	PS10-05	Variations in the Knee Extensor Muscle Strength until 3 years after Total Knee Arthroplasty Rehabilitation Center, Kobe Kaisei Hosp.	Yutaro SANADA, et al 432

PS10-06 Relationship between JOA score and Patient-Reported Outcomes in postoperative patients who were underwent Total Knee Arthroplasty
Dept. of Replacement Center, Ishinkai-Yao General Hosp. Yuki MATSUMOTO, et al 432

PS10-07 Feasibility of a PROMIS-based App for Collecting Patient-reported Outcome Measures Following Total Knee Arthroplasty
Global Clinical Operations, Smith and Nephew Satoshi TERAMURA, et al 433

13 : 50 ~ 14 : 20 Poster 12 TKA QOL 1

Moderator : Takashi NAKAMURA

PS12-01 Preoperative factors associated with the improvement of timed up and go test after total knee arthroplasty
Dept. of Rehabilitation, Ishikawa Hosp. Ryoma NAKATANI, et al 434

PS12-02 Analysis of Factors Associated with Satisfaction with Knee Flexion Angle after Total Knee Arthroplasty
Dept. of Orthop. Surg.,
Niigata Medical Center, Niigata, Japan Yuki TAKAHASHI, et al 435

PS12-03 Functions at discharge which affects the postoperative knee extension strength in Total Knee Arthroplasty
Rehabilitation Center, Kobe Kaisei Hosp. Dai SETOGAWA, et al 435

PS12-04 Factors associated with stair climbing ability after total knee arthroplasty
Dept. of Rehabilitation,
Sonodakai Joint Replacement Center Hospital Tomoya TANAKA, et al 435

PS12-05 Does the Interval Between the First and Second Surgery Affect Patient Reported Outcomes in Staged Bilateral Total Knee Arthroplasty ?
Dept. of Orthop. Surg., Univ. of Toyama Makiko NOGAMI, et al 435

PS12-06 Correlation between Forgotten Join Scale and Sagittal Laxity after Total Knee Arthroplasty
Chugoku Rosai Hospital Dep. of Rehabilitation Kenji IWAMI, et al 436

13 : 50 ~ 14 : 25 Poster 14 UKA 1

Moderator : Shigeru NAKAGAWA

PS14-01 Cruciate retaining revision TKA after UKA: report of five cases
Dept. of Orthop. Surg., Kagawa Univ. Yoichi ISHIBASHI, et al 437

PS14-02 Tribrid UKA reveals more larger posterior tibial slope and superior KSS function score compared with ZUK
Dept. of Orthop. Surg., Tobata General Hosp. Takashi MURAYAMA, et al 437

PS14-03 Bone mineral density of the proximal tibia 2-4 years after UKA
Dept. of Orthop. Surg., Saiseikai Senri Hosp. Yoshinori YASUHARA, et al 438

PS14-04 Intraoperative kinematics of UKA doesn't predict clinical outcomes
Univ. of Tokyo Hiroshi INUI, et al 438

PS14-05 Gait analysis after bicompartamental knee arthroplasty - Effects of all the knee ligaments preservation on *in vivo* knee kinematics and kinetics -
Dept. of Rehabilitation, Hakodate Orthopedics Clinic Kengo UKISHIRO, et al 438

Day 1
Feb. 15(Fri.)

Day 2
Feb. 16(Sat.)

Room 1

Room 2

Room 3

Room 4

Room 5

Room 6

Room 7

Room 8

Room 9

Room 10

Poster Room

Day 1 Feb. 15(Fri.)	PS14-06	Usage Experience of Re-Cutting Device of UKA (PERSONA Partial Knee) for Spontaneous Osteonecrosis of the Knee Dept. of Orthop. Surg., Hadano Red Cross Hospital	Nagatoshi KANESHIRO, et al 438
	PS14-07	Relationship between posterior slope of the proximal tibia and anteroposterior instability after unicompartmental knee arthroplasty Fukuoka Orthopedic Hospital	Fuyuki TOMINAGA, et al 439
Day 2 Feb. 16(Sat.)	13 : 50 ~ 14 : 20 Poster 16 TKA infection 1		Moderator : Hideki DATE
Room 1	PS16-01	Optimal Timing of Blood Glucose Level Evaluation after Total Knee Arthroplasty in Patients without Diabetes Dept. of Orthop. Surg., International Univ. of Health and Welfare, School of Medicine / Dept. of Orthop. Surg., International Univ. of Health and Welfare, Mita Hospital	Masaki NAGASHIMA, et al 441
Room 2	PS16-02	Preventing Strategies of Periprosthetic Infection for Nasal MRSA and MRSE Carriers During Total and Unicompartmental Knee Arthroplasty Hokkaido Orthop. Memorial Hosp.	Susumu MIKAMI, et al 441
Room 3	PS16-03	Current Status of Bacterial Breeding in Knee Arthroplasty Kindai University, Faculty of Medicine	Kenji TAKASU, et al 441
Room 4	PS16-04	Is alpha-defensin useful for differential diagnosis of arthritis exacerbation and suppurative arthritis in RA patients? Dept. of Orthop. Surg., Fukui General Hosp.	Tomohiro OJIMA, et al 441
Room 5	PS16-05	Positive synovial alpha-defensin test in patients before primary total knee arthroplasty: Three cases report Univ. of Oita	Shogo MATSUDA, et al 442
Room 6	PS16-06	Utility of α -Defensin test for recurrent multi organism infection of TKA in RA patient Dept. of Orthop. Surg., Yamaguchi Rosai Hospital	Shintaro TO, et al 442
Room 7	13 : 50 ~ 14 : 20 Poster 18 TKA complications 1		Moderator : Koya KAMIKAWA
Room 8	PS18-01	Open repair of intraoperative popliteal artery injury during total knee arthroplasty : A case report Dept. of Orthop. Surg., Ise Redcross Hosp.	Joji MORIKAWA, et al 444
Room 9	PS18-02	A case of popliteal artery occlusion after total knee arthroplasty Dept. of Orthop. Surg., Tsuyama Chuo Hospital	Hiroshi MINAGAWA, et al 444
Room 10	PS18-03	Two cases of recurrent hemarthrosis after unicompartmental knee arthroplasty Sano Kosei General Hospital	Toshikazu YOSHIKAWA, et al 444
Room 10	PS18-04	A Case Report: Breakage of Femoral Component After UKA Dept. of Orthop. Surg., Kagawa Medical Univ.	Yoshihiko SAITO, et al 444
Poster Room	PS18-05	Dislocation of Rotating Hinge Type TKA: Case Report Dept. of Bone and Joint Orthop. Surg., Japan Red Cross Medical Center	Nobuyuki SHIRAKAWA, et al 445

PS18-06 A Case of Posterior Dislocation of Mobile Bearing Insert after Oxford UKA
Dept. of Orthop. Surg., Osaka Saiseikai Senri Hosp. Hirotaka FUKUSHIMA, et al 445

13 : 50 ~ 14 : 25 Poster 20 TSA 1

Moderator : Noboru MATSUMURA

PS20-01 Radiographic Findings of Uncemented Stems after Shoulder Arthroplasty -Standard vs Short Stem-
Upper Extremity Center of Joint Replacement
and Endoscopic Surgery, Hokushin Hosp. Naomi OIZUMI, et al 447

PS20-02 Comparison of Radiographic Findings of On-growth and In-growth Stems of Shoulder Arthroplasty
Upper Extremity Center of Joint Replacement
and Endoscopic Surgery, Hokushin Hosp. Naomi OIZUMI, et al 447

PS20-03 Humeral bone resorption after shoulder arthroplasty for CTA -RSA vs HHR-
Dept. of Orthop. Surg., Nara Medical Univ. Shimpei KURATA, et al 447

PS20-04 Reverse total shoulder arthroplasty for proximal humeral fractures in the elderly:
A report of four cases
Dept. of Orthop. Surg., Fukuoka Univ. Terufumi SHIBATA, et al 447

PS20-05 Reverse total shoulder arthroplasty for humeral head osteonecrosis after osteosynthesis
of proximal humeral fracture: A case report
Dept. of Orthop. Surg., Sanokosei General Hospital Yuki YOSHIDA, et al 448

PS20-06 Impaction allograft bone grafting for revision shoulder hemiarthroplasty of
periprosthetic humeral fracture: Two cases report
Dept. of Orthop. Surg., Yamagata Univ. Seiichi ENDO, et al 448

PS20-07 Clinical Results of Reverse Total Shoulder Arthroplasty for Recurrent dislocation of
Shoulder in Elderly Patients with Rotator Cuff Tears: 2 cases report
Dept. of Orthop. Surg., Yashima General Hospital Hironori MANABE, et al 448

13 : 50 ~ 14 : 15 Poster 22 THA results 1

Moderator : Hirotaka IGUCHI

PS22-01 Treatment results of THA in steroid internal treatment patients
Dept. of Orthop. Surg., Nagoya Daini Redcross Hospital Masatoshi HARUTA, et al 450

PS22-02 Total hip arthroplasty for femoral neck fracture in Paget's disease of bone :
A case report
Dept. of Orthop. Surg., Okayama Red Cross Hosp. Toru TAKAGI, et al 450

PS22-03 Two cases of total hip arthroplasty for nonunion of femoral neck fracture
Dept. of Orthop. Surg., Itami City Hosp. Shoya ABE, et al 450

PS22-04 A Case in Which Osteolysis Occurred after Total Hip Arthroplasty Was Restored
Spontaneously
Dept. of Orthop. Surg., Kanagawa Prefectural
Ashigarakami Hospital Hiroyuki MAKITA, et al 451

PS22-05 A case of total hip arthroplasty for pigmented villonodular synovitis
Dept. of Orthop. Surg., Kagawa Medical Univ. Shunsuke YADA, et al 451

Day 1
Feb. 15(Fri.)

Day 2
Feb. 16(Sat.)

Room 1

Room 2

Room 3

Room 4

Room 5

Room 6

Room 7

Room 8

Room 9

Room 10

Poster Room

Day 1 Feb. 15(Fri.)		13 : 50 ~ 14 : 20 Poster 24 THA complications 1		Moderator : Hisayoshi INOUE
	Room 1	PS24-01	Cement burn of the skin during THA Funabashi Orthopaedic Hospital	Kazuhiro MURAYAMA, et al 453
	Room 2	PS24-02	Investigation of cement leakage in installation of cement stem Dept. of Orthop. Surg., Shiga General Hosp.	Yuki FURUYA, et al 453
	Room 3	PS24-03	A 52 year-old Female with ARMD of Trunniosis Diagnosed by the Intraoperative Findings: A Case Report Tsukuba Univ. Orthop./ Kashiwa City Hospital Orthop.	Shota YASUNAGA, et al 453
	Room 4	PS24-04	Trunnionosis causes loosening and acetabular fracture after Metal on Metal THA: A case report Dept. of Orthop. Surg., Kurashiki Central Hospital	Masaki MATSUBARA, et al 453
	Room 5	PS24-05	Adverse Reaction to Metal Debris for the first time in 8years after Large-diameter-head Metal-on-metal Total Hip Arthroplasty Dept. of Orthop. Surg., Isesaki Municipal Hosp.	Shuhei TAKAMINE, et al 454
	Room 6	PS24-06	ARMD in a metal on polyethylene hip arthroplasty : A case report Dept. of Orthop. Surg., Okayama Univ.	Tomoaki SANKI, et al 454
Day 2 Feb. 16(Sat.)		13 : 50 ~ 14 : 20 Poster 26 Surgical technique for THA 1		Moderator : Hirotsuke ENDO
	Room 7	PS26-01	A case of revision total hip arthroplasty using double socket technique Dept. of Orthop. Surg., Takamatsu Red Cross Hospital	Takahiko TSUTSUI, et al 456
	Room 8	PS26-02	Cement-in-cement revision for infected total hip arthroplasty Dept. of Orthop. Surg., Toho Univ.	Tatsuro SAKURAI, et al 456
	Room 9	PS26-03	Two Cases of Cementation of a Polyethylene Liner into a Metal Shell in Revision Total Hip Arthroplasty Saiseikai Matsusaka Hosp.	Hironori UNNO, et al 456
	Room 10	PS26-04	A Case Report of Revision Total Hip Arthroplasty for the External Iliac Arteriovenous Adhesion by Cement Filling against Anterior Wall Deficiency with Acetabular Reaming Dept. of Orthop. Surg., Nagoya Univ.	Taisuke SEKI, et al 456
	Room 11	PS26-05	A case of reconstruction by impaction bone grafting(IBG) method on both the acetabular side and the femoral side Iwata City Hospital	Tadashi ITO, et al 457
	Room 12	PS26-06	Revision THA with femoral impaction bone grafting for extensive bone loss due to the nonunion after THA with subtrochanteric femoral shortening osteotomy Dept. of Orthop. Surg., Hyogo College of Medicine	Kenta AMAI, et al 457
Day 3 Feb. 17(Sun.)		13 : 50 ~ 14 : 15 Poster 28 Special cases of THA		Moderator : Naoyuki KATAYAMA
	Poster Room	PS28-01	A case with fragility of the bone during total hip arthroplasty, probably caused by skeletal dysplasias Dept. of Orthop. Surg., Tsuchiura Kyodo General Hospital	Gaku KOYANO, et al 459

PS28-02	Four cases of liver cirrhosis treated with lusutrombopag before arthroplasty Dept. of Orthop. Surg., Dokkyo Medical Univ. Kazuo TOMIZAWA, et al 459	Day 1 Feb. 15(Fri.)
PS28-03	Bipolar hip arthroplasty and total hip arthroplasty for patients with liver cirrhosis Dept. of Orthop. Surg., JA Toride Medical Center Yui MAEKAWA, et al 459	Day 2 Feb. 16(Sat.)
PS28-04	Case report; 4 operation (both THA and TKA) of 77-year-old woman in a hospitalization Dept. of Orthop. Surg., Sapporo Tokushukai Hosp. Kaori ENDO, et al 459	Room 1
PS28-05	A remarkable ROM restriction occurred in the right hip joint after cesarean section, and a case that remarkably improved after right THA Japanese Red Cross Okayama Hospital Kensuke ANDO, et al 460	Room 1

13 : 50 ~ 14 : 25 Poster 30 DVT PE 1

Moderator : Masashi KAWASAKI

PS30-01	The risk factors of the deep venous thrombosis after total knee arthroplasty Dept. of Orthop. Surg., Sanyudo Hosp./ Dept. of Orthop. Surg., Yamagata Univ. Takahiro IGARASHI, et al 462	Room 2
PS30-02	Risk Factor of Deep Vein Thrombosis in Unilateral and Bilateral Total Knee Arthroplasty Dept. of Orthop. Surg., TORANOMON Hosp. Masanori SHICHIJO, et al 462	Room 3
PS30-03	Predictors of VTE after THA with Edoxaban Dept. of Orthop. Surg., Okayama Univ. Yoshi KAWAMURA, et al 462	Room 4
PS30-04	Investigation of prevention and treatment for deep vein thrombosis by using Xa inhibitor after total joint arthroplasty Dept. of Orthop. Surg., Mie Univ. Shine TONE, et al 462	Room 5
PS30-05	The relationship of Venous thromboembolism and Bleeding complications in Total Hip Arthroplasty patients Jieitai Kumamoto Hospital Yohei KURITA, et al 463	Room 6
PS30-06	Preventive effect of two kinds of Xa inhibitors on venous thromboembolism after total hip arthroplasty - Comparison of Fondaparinux and Edoxaban - Hanwa Joint Reconstruction Center Nobuo YAMAMOTO, et al 463	Room 7
PS30-07	The ratio of patient who take orally Edoxaban15mg/day and developing deep vein thrombosis after Total knee Arthroplasty, and risk factor Kumamoto Kinoh Hospital Daisuke NAKAYAMA, et al 463	Room 8

13 : 50 ~ 14 : 15 Poster 32 Infection in THA and BHA

Moderator : Tsunehito ISHIDA

PS32-01	Two cases treated with preservation of cementless stem for periprosthetic hip joint infections Dept. of Orthop. Surg., Chugoku Rosai Hosp. Masaru MUNEMORI, et al 465	Room 9
PS32-02	A case developing prosthetic joint infection following revision surgery for ARMD Dept. of Orthop. Surg., Tamagawa Hosp. Chisa KURODA, et al 465	Room 10
PS32-03	Clinical Study of the Periprosthetic Infection after Total Hip Arthroplasty Dept. of Orthop. Surg., Miyazaki Univ. Masaru HIYOSHI, et al 465	Poster Room

Day 1 Feb. 15(Fri.)	PS32-04	Tuberculous periprosthetic infection after Total Hip Arthroplasty Joint Reconstruction Center, Nanpuh Hospital	Yasuhiro TSUNEYOSHI, et al 465
	PS32-05	Synovasure for the diagnosis of pyogenic arthritis Dept. of Orthop. Surg., Kasugai Municipal Hospital	Atsunori MURASE, et al 466
Day 2 Feb. 16(Sat.)	13 : 50 ~ 14 : 30 Poster 34 Rehabilitation biomechanics in THA		Moderator : Kan SASAKI
Room 1	PS34-01	The Change of the Body Composition and Activity Between Pre and Post Total Hip Arthroplasty Dept. of Orthop. Surg., Tokyo Medical Univ.	Mitsuru MORISHIMA, et al 468
Room 2	PS34-02	The effect of age on postoperative muscle strength recovery in total hip arthroplasty Dept. of Rehabilitation, Kakogawa Central City Hospital	Satoshi HIRASE, et al 468
Room 3	PS34-03	Consideration of the Validity of Three Weeks Clinical Pathway after Total Hip Arthroplasty Toshiba Rinkan Hospital Joint Reconstruction Center	Haruka FUJISAWA, et al 468
Room 4	PS34-04	The evaluation of postoperative results for total hip arthroplasty Dept. of Rehabilitation, Keiyu Orthop. Hosp.	Takatoshi KANEKO, et al 468
Room 5	PS34-05	Muscle torque and functional recovery compare approach during early time after THA Nihon University Orthopedic Surgery	Teruyasu OYAMA, et al 469
Room 6	PS34-06	Investigation of preoperative factors affecting walking Independence after Total Hip Arthroplasty Dept. of Rehabilitation, Saitama Medical Univ. / Grad. Sch. of Med., Saitama Medical Univ.	Yuki HASEBE, et al 469
Room 7	PS34-07	Relationship between our clinical path achievement rate and achievement status of each outcome in total hip arthroplasty patients Saitama Medical Center Rehabilitation Department	Seiya KATO, et al 469
Room 8	PS34-08	Sagittal balance and Standing stability after Total hip arthroplasty Dept. of Orthop. Surg., Hyogo College of Med. Sasayama Medical Center	Ryo IWAKURA, et al 469
Room 9	13 : 50 ~ 14 : 30 Poster 35 Imaging assessment for THA		Moderator : Takahisa SATO
Room 10	PS35-01	Periacetabular osteophyte formation of patients with end stage hip osteoarthritis Dept. of Orthop. Surg., Nagoya Univ.	Yusuke OSAWA, et al 470
Poster Room	PS35-02	Short term postoperative radiological evaluation of total hip arthroplasties and femoral head replacement using Initia stem Asama General Hosp.	Kanji SASAKI, et al 470
	PS35-03	The effect of screws insertion to acetabular cup in total hip arthroplasty Imaging Diagnostic Center, Kumamoto Kinou Hosp., Kumamoto Japan	Chihiro HAYAI, et al 470
	PS35-04	Application of processable 3D printer bone model for preoperative planning of THA Dept. of Orthop. Surg., Kasugai Municipal Hospital	Takayuki HIRADE, et al 470

PS35-05	Investigation of the influential factor of pelvic tilt in standing and sitting position after total hip replacement Dept. of Orthop. Surg., Hamamatsu Red Cross Hosp. Yoshiharu SUGIYAMA, et al 471	Day 1 Feb. 15(Fri.)
PS35-06	Association between bone mineral density, muscle volume, walking ability, and geriatric nutritional risk index in hemodialysis patients Dept. of Medical Joint Materials, Kagoshima Univ. Takao SETOGUCHI, et al 471	Day 2 Feb. 16(Sat.)
PS35-07	Evaluation of the implanted position of microMAX stem using pre-operative planning software Dept. of Orthop. Surg., Kainan Hospital, Aichi Prefectural Federation of Agricultural Cooperatives for Health and Welfare Yoshihiro SHIBATA, et al 471	Room 1
PS35-08	Accuracy of angle and position of the cup using laser guided system in total hip arthroplasty Dept. of Orthop. Surg., Iizuka Hosp. Kengo KAWAGUCHI, et al 471	Room 2
13 : 50 ~ 14 : 15 Poster 36 THA approach 1		Moderator : Tokuhisa SANNO
PS36-01	Comparison between anterior approach and posterior approach for Leg standing position in Total Hip Arthroplasty, using Vicon 3D motion capture Dept. of Orthop. Surg., Hiroshima University Yuki OTA, et al 472	Room 3
PS36-02	The comparative study of the implant position and combined anteversion between posterolateral and anterolateral approaches Dept. of Orthop. Surg., Yamanashi Univ. Naofumi TANIGUCHI, et al 472	Room 4
PS36-03	Magnetic resonance imaging analyses of piriformis after Total Hip Arthroplasty - Comparison of preservation, repair after cut off, and cut off - Dept. of Orthop. Surg., Fukushima Red Cross Hosp. Noriyoshi SATO, et al 472	Room 5
PS36-04	ROM after THA Preserved External Rotators and ligaments Dept. of Orthop. Surg., National Hosp. Organization Kumamoto Medical Center Hidehiko MATSUSHITA, et al 472	Room 6
PS36-05	Posterior soft tissue repair for the prevention of postoperative dislocation in posterior approach total hip arthroplasty Dept. of Orthop. Surg., Showa Univ. Koto Toyosu Hosp. Hidenori TOCHIO, et al 473	Room 7
13 : 50 ~ 14 : 25 Poster 38 THA stem 1		Moderator : Naoya TAKI
PS38-01	Short-term results of Wagner Cone stem Dept. of Orthop. Surg., Tokushima Univ. Tomoya TAKASAGO, et al 474	Room 8
PS38-02	Review of Total Hip Arthroplasty using Cementless Wagner Cone Stem Joint Treatment Center, Tokushima Municipal Hosp. Shunji NAKANO, et al 475	Room 9
PS38-03	Short term results of Wagner cone stem for difficult cases Dept. of Orthop. Surg., Saitama Co-operative Hospital Kotaro NIHEI, et al 475	Room 10
PS38-04	Short Term Outcome of Total Hip Arthroplasty Performed Using Mainstay for Hip Osteoarthritis Sumitomo Hosp. Orthopedic Surgery Hideki KEIMOTO, et al 475	Poster Room

Day 1 Feb. 15(Fri.)	PS38-05	Postoperative alignment evaluation of the Zweimuller stem in anterolateral approach by 3D pre-operative planning software Orthop. Surg., Izumi City General Hospital	Yuki SHIBATA, et al 475
Day 2 Feb. 16(Sat.)	PS38-06	Relationship between change of periprosthetic bone mineral density and lateral view alignment of tapered wedge-designed cementless stem Dept. Orthop. Surg., Toyama Rosai Hosp.	Yoshiaki ITO, et al 476
Room 1	PS38-07	Middle term results of total hip arthroplasty using different stem length Dept. of Orthop. Surg., Tokyo Medical and Dental Univ.	Masanobu HIRAO, et al 476
13 : 50 ~ 14 : 20 Poster 40 Short stem 1		Moderator : Ayumu TANAKA	
Room 2	PS40-01	Clinical results of the total hip replacements using GTS Dept. of Joint Replacement Center, National Hospital Organization Tokyo Medical Center / Dept. of Orthop. Surg., National Hospital Organization Tokyo Medical Center	Yoshihiro RITSUNO, et al 477
Room 3	PS40-02	Stem alignment and bone reaction for short tapered wedge stem in ALS-THA Itabashi Central General Hospital	Koichi MARIKO, et al 478
Room 4	PS40-03	Short Term Result of Ovation Tribute Stem in THA Dept. of Orthop. Surg., Chiba Medical Center	Keijiro KANNO, et al 478
Room 5	PS40-04	Clinical Result of Short Stem Total Hip Arthroplasty Nissan Tamagawa Hosp.	Akimasa KIMURA, et al 478
Room 6	PS40-05	Radiographic assessment of short taper wedge stem for THA in narrow canal cases Dept. of Orthop. Surg., Okayama Saiseikai General Hospital	Yukio KAWAKAMI 478
Room 7	PS40-06	Accurate reproduction of the head center position using patient specific guide -MiniHip- Dept. of Orthop. Surg., Tokyo Metropolitan Police Hospital	Naoki NISHIDA, et al 479
13 : 50 ~ 14 : 25 Poster 42 Periprosthetic fracture in THA		Moderator : Tomonori BABA	
Room 8	PS42-01	Periprosthetic fracture after THA using full HA coated cementless stem Yamaguchi Prefectural Grand Medical Center	Kenji HIRATA, et al 480
Room 9	PS42-02	A Muticenter retrospective study on the outcome of periprosthetic femoral fractures Moji Medical Center	Naoaki KURINOMARU, et al 480
Room 10	PS42-03	Periprosthetic femoral fracture treated by revision total hip arthroplasty with bioabsorbable mesh plate: A Case Report Dept. of Orthop. Surg., Saiseikai Matsusaka General Hosp.	Teruya UCHIYAMA, et al 481
Poster Room	PS42-04	A case report of osteosynthesis for periprosthetic femoral fracture, suspected of complication with atypical femoral fracture Dept. of Orthop. Surg., Yamagata Univ. Hosp.	Ryosuke MOMMA, et al 481
	PS42-05	Case Report: A Case of Periprosthetic Fracture Due to Massive Osteolysis Treated with Intramedullary Nail and Cable-plate System Dept. of Orthop. Surg., Teikyo Univ.	Masaki NAKAMURA, et al 481

PS42-06 Vancouver B3 periprosthetic femoral fracture treated by implant removal, open reduction and internal fixation
Dept. of Orthop. Surg., Gifu Municipal Hosp. Atsushi GOTO, et al 481

PS42-07 3cases of Peri-implant atypical femoral fracture
Dept. of Orthop. Surg., Nagoya Daini Red Cross Hospital Masahiro YOSHIDA, et al 482

14 : 20 ~ 14 : 50 Poster 3 TKA alignment 2

Moderator : Ken URABE

PS3-01 Evaluation of the Tibial Component Rotation and Clinical Outcomes after FINE Total Knee Arthroplasty
Center for Arthritis and Joint Surg., Saiseikai Narashino Hosp. Jin MIYAGI, et al 420

PS3-02 Investigation of radiographic change in coronal alignment after total knee arthroplasty
Dept. of Orthop. Surg., Yamaguchi Univ. Toshihiro SEKI, et al 420

PS3-03 Does saggital Hip-Knee-Ankle(HKA) angle affect on flexion contracture?
Dept. of Orthop. Surg., Kumamoto Kinoh Hosp. Hirokazu TAKAI, et al 421

PS3-04 Evaluation of femoral component position using precut technique
Dept. of Orthop. Surg. Hanamaki Onsen Hosp. Sadafumi ICHINOHE, et al 421

PS3-05 Evaluation of femoral component position using AGC guide
Dept. of Orthop. Surg. Hanamaki Onsen Hosp. Sadafumi ICHINOHE, et al 421

PS3-06 A comparison of lower extremity morphology in Asian female patients with Rheumatoid Arthritis and Osteoarthritis
Yokohama City University Medical Center,
Orthop. Surg. Shu TAKAGAWA, et al 421

14 : 20 ~ 14 : 50 Poster 5 TKA BCR/BCS

Moderator : Taisei KAWAMOTO

PS5-01 Evaluation of the tibial posterior slope and short-term results after bicruciate-retaining TKA
Dept. of Orthop., Ichihara Hospital Yuki YAMANASHI, et al 423

PS5-02 Patellofemoral Compressive Force Does Not Correlate with Patient Reported Outcome Measures in Bi-cruciate Retaining Total Knee Arthroplasty
Dept. of Orthop. Surg., Toho Univ. Ohashi Medical Center Shinya TOYODA, et al 423

PS5-03 Comparison of Short-term Clinical Result between Bi-cruciate Stabilized and Posterior Stabilized Total Knee Arthroplasty
Dept. of Orthop. Surg., Shin-Yurigaoka General Hosp. Izumi SAITO, et al 424

PS5-04 Selective management of posterior cruciate ligament in bicruciate-retaining total knee arthroplasty
Dept. of Orthop. Surg., Toho Univ. Takashi NAKAMURA, et al 424

PS5-05 Kinematics of BCR-type TKA, Journey XR
Dept. of Orthop. Surg., Shiga Univ. Medical Science Mitsuhiko KUBO, et al 424

PS5-06 Mucoïd degeneration of the anterior cruciate ligament in primary TKA
Dept. of Orthop. Surg., Yamagata Saisei Hosp. Shuji TOYONO, et al 424

Day 1
Feb. 15(Fri.)

Day 2
Feb. 16(Sat.)

Room 1

Room 2

Room 3

Room 4

Room 5

Room 6

Room 7

Room 8

Room 9

Room 10

Poster Room

14 : 25 ~ 14 : 55 Poster 7 Surgical technique for TKA		Moderator : Tadashi KIKUCHI
Day 1 Feb. 15(Fri.)	PS7-01	A Devise of Making Tibial Slope in TKA (Needle Method) Dept. of Orthop. Surg., Toyooka Chuo Hospital Hidetoshi HAMAGUCHI, et al 426
Day 2 Feb. 16(Sat.)	PS7-02	A novel positioner which can precisely adjust rotational position of femoral component of LCS total knee system Dept. of Orthop. Surg., Tokyo Women's Medical Univ. Masafumi ITO, et al 427
Room 1	PS7-03	Using experience of rollbackcage during cruciate retaining total knee arthroplasty surgery Uchida Hosp. Ken UCHIDA, et al 427
Room 2	PS7-04	Verification tool for the proximal tibial osteotomy in conventional total knee arthroplasty Dept. of Orthop. Surg., Chiba Rehabilitation Center Tadashi TSUKEOKA, et al 427
Room 3	PS7-05	Accuracy of intraoperative bone cutting in total knee arthroplasty -Evaluation with portable navigation system- Dept. of Orthop. Surg., Kyushu Univ. Hideki MIZUCHI, et al 427
Room 4	PS7-06	Experience of using ZedKnee evaluation in Total Knee Arthroplasty with portable navigation Dept. of Orthop. Surg., Showa Univ. Koto Toyosu Hosp. / Dept. of Orthop. Surg., Showa Univ. Fujigaoka Hosp. Atsushi SATO, et al 428
14 : 20 ~ 14 : 55 Poster 9 TKA results 2		Moderator : Kazunori HINO
Room 5	PS9-01	A short term clinical outcome of the Medial Pivot Knee Arthroplasty System(GMK SPHERE) Dept. of Orthop. Surg., Osaka General Hospital of West Japan Railway Company Kazumasa YAMAMURA, et al 429
Room 6	PS9-02	A Comparison of Clinical Result Between BCS TKA and PS TKA Dept. of Orthop. Surg. Izumi Regional Medical Center Yuichiro SAKAMOTO, et al 430
Room 7	PS9-03	Short-term results of TKA: A comparison between Persona PS and Evolution PS Dept. of Orthop. Surg., Mie Prefectural General Medical Center Takuya KAKIMOTO, et al 430
Room 8	PS9-04	Postoperative short-term-outcome of TKA by PS type implant with asymmetric cam structure Dept. of Orthop. Surg., Kirishima Medical Center Yasuomi KAWASOE, et al 430
Room 9	PS9-05	The effect of increased posterior femoral condyle resection on the ROM and early clinical result in posterior stabilized TKA Dept. of Medical Joint Materials Graduate School of Medical and Dental Sciences, Kagoshima Univ. / Dept. of Orthop. Surg., of Kagoshima Univ. Katsuyuki IMAMURA, et al 430
Room 10	PS9-06	Long-term outcomes after total knee arthroplasty using mobile-bearing prosthesis Dept. of Intelligent Orthop. System, Okayama Univ. Graduate School of Medicine Dentistry and Pharmaceutical Sciences Shinichi MIYAZAWA, et al 431
Poster Room	PS9-07	The outcome of revision total knee arthroplasty using metaphyseal sleeve ShinKaminokawa Hospital Kenzo TAKATOKU, et al 431

14 : 25 ~ 14 : 55 Poster 11 TKA rehabilitation		Moderator : Takehiko SUGITA
PS11-01	One year postoperative record of Total Knee Arthroplasty at our hospital Department of Rehabilitation, Akashi Okubo Artificial joint center, Okubo Hosp.	Naoki NAKAI, et al 433
PS11-02	Postoperative protocol specialized for lower limb movement and swelling reduction immediately after total knee replacement surgery KITACHIBA spine & Sports Clinic Department of Rehabilitation	Takanori MOROZUMI, et al 433
PS11-03	Development of "Arthro Knee Gel Pad" for kneeling after Knee Joint Replacement Department of Rehabilitation Medicine, Sonodakai Joint Replacement Center Hospital	Sadaya MISAKI, et al 433
PS11-04	Study On The Effect Of Rehabilitation Using Taping After Unicompartmental Knee Arthroplasty Surgery Aijinkai. Takatsuki. Hosp. Rehabilitation	Takuya MUKAI, et al 434
PS11-05	Short term effect of HAL-single joint type on walking ability and subjective scores of postoperative total knee arthroplasty patients Dept. of Orthop. Surg., Hirosaki Memorial Hospital / Dept. of Orthop. Surg., Hirosaki Univ.	Eiji SASAKI, et al 434
PS11-06	On the importance of preoperative outpatient rehabilitation in total knee replacement surgery patients Niigata Medical Center Department of Rehabilitation	Kana SEINO, et al 434
14 : 20 ~ 14 : 45 Poster 13 TKA QOL 2		Moderator : Hitoshi SEKIYA
PS13-01	Physical Function Factors Affecting results of Patients After TKA Yamaguchi Prefectural Grand Medical Center Department of Rehabilitation	Sanae YAMADA, et al 436
PS13-02	Factors relating to postoperative flexion angle of Total Knee Arthroplasty (TKA) Dept. of Rehabilitation, Maeno Orthopedics	Yumiko OJIMA, et al 436
PS13-03	Evaluation of the balance score before and after total knee arthroplasty using Berg Balance Scale Dept. of Orthop. Surg., Faculty of Medical Sciences, Kyushu Univ.	Masato KIYOHARA, et al 436
PS13-04	The association of the improvement of gait ability and physical activity intensity after total knee arthroplasty Department of Rehabilitation, Anshin Hospital	Tomohiro OKA, et al 437
PS13-05	Relationship between Patient-based Outcome Score and Flexion-Extension Gap Balance of Total Knee Arthroplasty using Pre-cut Trial Dept. of Orthop. Surg., Numazu City Hospital	Shunsuke MUKOYAMA, et al 437
14 : 25 ~ 15 : 00 Poster 15 UKA 2		Moderator : Eiji YOSHIMOTO
PS15-01	Results of cementless Oxford UKA Dept. Orthop. Surg. Yamagata Saisei Hospital	Shigenobu FUKUSHIMA, et al 439

Day 1
Feb. 15(Fri.)Day 2
Feb. 16(Sat.)

Room 1

Room 2

Room 3

Room 4

Room 5

Room 6

Room 7

Room 8

Room 9

Room 10

Poster Room

Day 1 Feb. 15(Fri.)	PS15-02	Forgotten Joint Score - 12 for 1 year after UKA operation Comparison with TKA Department of Rehabilitation, Fukuoka Mirai Hosp.	Soichiro FUJITA, et al 439
	PS15-03	Preoperative factors of remaining walking pain one year after surgery total knee arthroplasty Funabashi Orthopaedics Clinic	Shota ISHIZAKI, et al 439
Day 2 Feb. 16(Sat.)	PS15-04	Comparison of Short-term Postoperative Outcomes for Spontaneous Osteonecrosis of the Knee between Total Knee Arthroplasty, Unicompartmental Knee Arthroplasty, and Medial Open Wedge High Tibial Osteotomy Dept. of Orthop. Surg., Toshiba Rinkan Hospital	Kazumi GOTO, et al 440
Room 1	PS15-05	Subjective Assessment after UKA and HTO Joint Reconstruction Center, Fukuoka Mirai Hospital	Kei OSANO, et al 440
Room 2	PS15-06	Investigation of preoperative factors affecting hospitalization days after UKA Department of Physical Therapy, Joint Surgical Center, Sakaide Kaisei Hospital	Shohei KAWAKAMI, et al 440
Room 3	PS15-07	Mid-term clinical outcome after Unicompartmental Knee Arthroplasty Dept. of Orthop. Surg., Fukuyama Medical Center	Tadashi MIYAMOTO, et al 440
Room 4	14 : 20 ~ 14 : 50 Poster 17 TKA infection 2		Moderator : Junji CHIBA
Room 5	PS17-01	The investigation of infection after TKA in our department -the trend in an aging society- Dept. of Orthop. Surg., Asahikawa Medical University	Yusuke SASAKI, et al 442
Room 6	PS17-02	Clinical study of arthroscopic debridement and open debridement in total knee arthroplasty periprosthetic joint infection in our hospital Dept. of Orthop. Surg., Kawaguchi Kogyo General Hosp.	Mio NOROSE, et al 442
Room 7	PS17-03	Consideration on TKA Infection with Surgery at Our Hospital over the Past 10 Years Dept. of Orthop. Surg., Osaka General Hosp.	Koji NOMURA, et al 443
Room 8	PS17-04	Two-stage reimplantation for infected total knee arthroplasty : articular spacer fixation or not? Wajo-Kai Eniwa Hospital	Daisuke TANAKA, et al 443
Room 9	PS17-05	Mid to long-term outcome of infectious cases after total knee replacement surgery treated with antibiotic-containing cement implants Dept. of Orthop. Surg., Tokyo Medical and Dental Univ.	Takashi HOSHINO, et al 443
Room 10	PS17-06	Treatment for infected total knee arthroplasty using calcium phosphate cement with vancomycin Dept. of Orthop. Surg., Kitasato Univ.	Jun AIKAWA, et al 443
Poster Room	14 : 20 ~ 14 : 50 Poster 19 TKA complications 2		Moderator : Yoshikazu TSUNEIZUMI
	PS19-01	A case report of femoral fracture after computer navigated total knee arthroplasty Dept. of Orthop. Surg., Sainou Hosp.	Tomohiro IWASAWA 445

PS19-02	A case report of the patellar osteophyte caused by the impingement of patellar component malalignment Dept. of Orthop. Surg., Suzuka General Hospital	Naoki OKAMURA, et al 445	Day 1 Feb. 15(Fri.)
PS19-03	Spinout/Dislocation in Mobile Bearing TKA;A report of 4 cases Miyota Cental Memorial Hosp./ Dept. of Orthop. Surg., Showa Univ.	Taiki YASUKAWA, et al 446	Day 2 Feb. 16(Sat.)
PS19-04	Recurrent Dislocation of the Tibial Polyethylene Insert after Total Knee Arthroplasty: A Case Report Aino Memorial Hospital	Takeshi MIYAJI, et al 446	Room 1
PS19-05	Investigation of Invasion in Surgery Dept. Joint Surgery, Sakaide Kaisei Hospital	Nobuhiro CHIKAISHI, et al 446	Room 2
PS19-06	Underhang of the Tibial Component Increases Tibial Bone Resorption after Total Knee Arthroplasty Dept. of Orthop. Surg., Kyoto Univ.	Shinichi KURIYAMA, et al 446	Room 3

14 : 25 ~ 14 : 55 Poster 21 TSA 2

Moderator : Naomi OIZUMI

PS21-01	Detection of bone defects after reverse shoulder arthroplasty with tomosynthesis Dept. of Orthop. Surg., Osaka City University Graduate School of Medicine	Yoshihiro HIRAKAWA, et al 448	Room 4
PS21-02	Preoperative planning with using 3D model of glenoid cavity for reverse total shoulder arthroplasty Dept. of Orthop. Surg., Yamagata Univ.	Shigeto MURAKAMI, et al 449	Room 5
PS21-03	Development of a new 3D evaluation system in reverse shoulder arthroplasty Dept. of Orthop. Surg., Osaka City Univ. Graduate School of Medicine	Tomoya MANAKA, et al 449	Room 6
PS21-04	Influence of the Factor on Early Postoperative Clinical Outcome in after Reverse Total shoulder Arthroplasty Dept. of Bone and Joint Surg., Ehime Univ. Graduate School of Medicine	Hiroshi KIYOMATSU, et al 449	Room 7
PS21-05	Short Term Results of Reverse Shoulder Total Arthroplasty Dept. of Orthop. Surg., Kibi Kogen Rehabilitation Center	Yukio SHIGEYAMA, et al 449	Room 8
PS21-06	Short term outcomes and perioperative complications of reverse shoulder arthroplasty Dept. of Orthop. Surg., Kagwa Univ.	Shingo YOSHITAKE, et al 450	Room 9

14 : 15 ~ 14 : 45 Poster 23 THA results 2

Moderator : Yoshiki ITO

PS23-01	Delayed total hip arthroplasty after acetabular fracture Dept. of Trauma. Recon. Surg., Fukushima medical university / Trauma. Recon. Surg. Center, Aidu Chuo Hospital	Masayuki ITO, et al 451	Room 10
PS23-02	Three Cases in which Acute THA was Performed for Hip Dislocation Fracture Yamaguchi Prefectural Grand Medical Center	Hiroki YAMAGATA, et al 451	Poster Room
PS23-03	A case of acute total hip arthroplasty for acetabular fracture in an elderly patient Dept. of Orthop. Surg., Hashimoto Municipal Hosp.	Kazunori SHINTO, et al 452	

Day 1 Feb. 15(Fri.)	PS23-04	One-stage osteosynthesis and revision total hip arthroplasty for pelvic fracture following primary total hip arthroplasty: Two cases report Dept. of Orthop. Surg., Okayama Univ. Kazuki YAMADA, et al 452
	PS23-05	Total hip arthroplasty for hip fracture in fused hip -Two case reports- Dept. of Orthop. Surg., Hyogo College of Medicine Saori NIITSU, et al 452
Day 2 Feb. 16(Sat.)	PS23-06	A case report of revision surgery of THA with taper wedged stem after observed bone on growth Funabashi Orthopaedic Hospital Kazuhiro MURAYAMA, et al 452
Room 1	14 : 20 ~ 14 : 50 Poster 25 THA complications 2 Moderator : Hiroshi FUJITA	
Room 2	PS25-01	Occult fracture at the Gruen's zone2 in the cementless total hip arthroplasty with tapered wedge short stem Dept. of Orthop. Surg., Yamanashi Univ. Yuki MORI, et al 454
Room 3	PS25-02	Re-revision surgery for two times periprosthetic fractures of the femur after revision THA using long femoral stem: A case report Dept. of Orthop. Surg., Ishikawa Prefectural Central Hosp. Takeshi HORII, et al 454
Room 4	PS25-03	A case of great trochanteric fracture and dislocation early after THA Dept. of Orthop. Surg., Kagawa Rosai Hosp. Hiroaki KADOTA, et al 455
Room 5	PS25-04	Progression of Cup migration due to fracture after THA and Chiari osteotomy of pelvis Dept. of Orthop. Surg., Kawasaki Medical Univ. Toyohiro KAWAMOTO, et al 455
Room 6	PS25-05	A case of bilateral calcaneal fragile fracture following simultaneous bilateral total hip arthroplasty Dept. of Orthop. Surg., Kotonoura Rehabilitation Center attached Hospital Nobuyuki MIYAZAKI, et al 455
Room 7	PS25-06	A Case of Cervical Spinal Epidural Abscess Combined with Postoperative BHA Infection Yokkaichi Municipal Hosp. Akitsugu OIKE, et al 455
Room 8	14 : 20 ~ 14 : 50 Poster 27 Surgical technique for THA 2 Moderator : Ichiro OWAN	
Room 9	PS27-01	Three cases of revision of severe acetabular bone defect using Schneider cage intraoperative 3D model Dept. of Orthop. Surg., Kagawa Medical Univ. Ryunosuke SAKODA, et al 457
Room 10	PS27-02	A case report; The use of the jointed TMARS augmentation for severe acetabular bone defect Dept. of Orthop. Surg., Nagoya Univ. Yasuhiko TAKEGAMI, et al 457
Poster Room	PS27-03	Revision THA using acetabular augment for a case of advanced acetabular defect Dept. of Orthop. Surg., NHO, Ureshino Medical Center Kenji OGAWA, et al 458
	PS27-04	Total hip arthroplasty with femoral subtrochanteric osteotomy after Schanz osteotomy :A case report Dept. of Orthop. Surg., Nagoya City East Medical Center Yoshinori SANO, et al 458

PS27-05 A case of periprosthetic fracture treated by removal of stem, intramedurally nailing, and arthrectomy as a salvage surgery
Dept. of Orthop. Surg., Tsuchiura Kyodo General Hospital Gaku KOYANO, et al 458

PS27-06 A Case Report of Total Hip Arthroplasty for Osteoarthritis due to Hereditary Multiple Exostoses
Ibaraki Prefectural Central Hosp. Yu HIGUCHI, et al 458

14 : 15 ~ 14 : 50 Poster 29 THA in the elderly

Moderator : Tatsuya SHIOTSU

PS29-01 One-staged bilateral total hip arthroplasty in patients 80 years of age or older
Dept. of Orthop. Surg., Showa University Fujigaoka Hospital Mariko ASAHI, et al 460

PS29-02 Total hip arthroplasty in patients aged over 85 years old
Tsukuba Memorial Hosp. Hiromi MOCHIZUKI, et al 460

PS29-03 Anterolateral supine approach THA using dual mobility bearing cup for elder patients
Dept. of Orthop. Surg., Yashima General Hosp. Keita TAKAHASHI, et al 460

PS29-04 A longitudinal analysis of age and basic disease in primary total hip arthroplasty during the past 12 years
Dept. of Orthop. Surg., Matsudo General Hospital Hiroyuki YAMAGATA, et al 461

PS29-05 Results of Revision Total Hip Arthroplasty for Elderly Patients Aged 80 Years or Older
Dept. of Orthop. Surg., Keio Univ. Akihito OYA, et al 461

PS29-06 Dual Mobility Cup THA for Femoral Neck Fractures in Elderly Patients: A Comparison to Conventional THA
Dept. of Orthop. Surg., Musculoskeletal Center, Saiseikai Yokohamashi Tobu Hospital Taro UMEZU, et al 461

PS29-07 Change of physical activity of old patients with DAA
Dept. of Hip and Artificial Joint Center. Surg., Japanese Red Cross Shizuoka Hosp. Takuto HATAKEYAMA, et al 461

14 : 25 ~ 14 : 50 Poster 31 BHA 1

Moderator : Haruo KAWAMURA

PS31-01 The usefulness of three dimensional templating software in bipolar hemiarthroplasty
Dept. of Orthop. Surg., JCHO Tokuyama Central Hosp. Kosuke AKASHI, et al 463

PS31-02 Evaluation of cementing grade in BHA with cement stem by beginners
Dept. of Orthop. Surg., Nagasakirosai Hosp. Hisataka GOTO, et al 464

PS31-03 The Evaluation of Stem alignment in Bipolar head prosthesis with CPP approach for femoral neck fracture
Chuno Kosei Hospital Kiichiro ANDO, et al 464

PS31-04 Comparison of posterior approaches with preserving tendon and capsule in bipolar hip arthroplasty
Yawatahama City General Hosp. Kenji MIFUJI, et al 464

PS31-05 A Case Report, Bilateral Hip Hemi-arthroplasty Using the Positerior Approach and Superior Approach for Bilateral Idiopathic Osteonecrosis of Femoral Head
Dept. of Orthop. Surg., Mihara Red Cross Hospital Takuo HAYASHI, et al 464

Day 1
Feb. 15(Fri.)

Day 2
Feb. 16(Sat.)

Room 1

Room 2

Room 3

Room 4

Room 5

Room 6

Room 7

Room 8

Room 9

Room 10

Poster Room

14 : 15 ~ 14 : 50 Poster 33 THA revision		Moderator : Daisuke KOGA
Day 1 Feb. 15(Fri.)	PS33-01	Trend of revision total hip arthroplasties in our institute in last fourteen years Dept. of Orthop. Surg., Yamagata Medical Univ. Yuya TAKAKUBO, et al 466
Day 2 Feb. 16(Sat.)	PS33-02	Contents and short-term results of revision THA Ohashi-Tani Orthopaedics Satoru OHASHI, et al 466
Room 1	PS33-03	A case of Early Stem loosening After Tri-Lock THA Dept. of Orthop. Surg., Kokura Medical Center Osamu JONO, et al 466
Room 2	PS33-04	Application of Desktop 3D Printer in Revision Total Hip Arthroplasty with Severe Acetabular Bone Defect Univ. of Tsukuba, Dept. of Orthop. Surg. Hironori TAKEHASHI, et al 467
Room 3	PS33-05	Surgical Outcome of Total Hip Revision Arthroplasty with Trabecular Metal Cup in Our Hospital Asama General Hospital Ryota KITAOKA, et al 467
Room 4	PS33-06	Consideration about 3 cases of total hip arthroplasty and bipolar head arthroplasty which revised in a short period after surgery Dept. of Orthop. Surg., Yamaguchi-ken Saiseikai Shimonoseki General Hospital Takenobu FUJISAWA, et al 467
Room 5	PS33-07	Two cases of acetabular revision after total hip arthroplasty with Muller support ring Dept. of Rehabilitation Medicine, Tokyo Dental College Ichikawa General Hosp. Hiraku HOTTA, et al 467
14 : 15 ~ 14 : 45 Poster 37 THA approach 2		Moderator : Isao MATSUSHITA
Room 6	PS37-01	Evaluation of cup alignment in THA using 60° hemi lateral position with anterolateral approach-AL60- Institute of Joint Replacement and Rheumatology, Zama General Hosp. Masamoto HIRANO, et al 473
Room 7	PS37-02	Effect of preserving vertical part of iliofemoral ligament to Length of leg extension in ALSA measurement By CT Dept. of Orthop. Surg Fujigaoka Hosp. Showa Univ. Minoru WATANABE, et al 473
Room 8	PS37-03	Study of learning curve in total hip arthroplasty Dept. of Orthop. Surg., Fukushima Medical Univ. Hironori OHASHI, et al 473
Room 9	PS37-04	Comparison of Setting Position of the Cup for Hip Arthroplasty Using Anterolateral Supine Approach with Posterolateral Approach Dept. of Orthop. Surg, Hiroshima University Hideki SAKA, et al 474
Room 10	PS37-05	Surgical outcome of total hip arthroplasty in octogenarian: comparison by surgical approach Dept. of Orthop. Surg., Juntendo Univ. Urayasu Hosp. Takahito YUASA, et al 474
Poster Room	PS37-06	Comparison of surgical approaches for revision hip arthroplasty using a Kerboul-type reinforcement device Dept. of Orthop. Surg., Juntendo Univ. Tomonori BABA, et al 474

14 : 25 ~ 14 : 50 Poster 39 THA stem 2		Moderator : Hiroshi TAZAWA
PS39-01	Clinical and Radiological Results of THA with J-Taper Stem Dept. of Orthop. Surg., Osaka National Hosp.	Ichiro NAKAHARA, et al 476
PS39-02	Result of the J-Taper Stem at a minimum 4 year follow-up Dept. of Orthop. Surg., Showa University School of Medicine	Yohei MIYAMOTO, et al 476
PS39-03	Mid-term result of taper wedge II type stem Accolade II Nissan Tamagawa Hospital	Atsuko SATO, et al 477
PS39-04	Middle-term outcome of Total Hip Arthroplasty with Alkali and Heat Treated Stem Dept. of Orthop. Surg., Ehime Prefectural Hospital	Chihiro HIRAOKA, et al 477
PS39-05	Short-term result of Total Hip Arthroplasty using Preserve β stem Dept. of Bone and Joint Surgery, Kawasaki Univ.	Shuro FURUICHI, et al 477
14 : 20 ~ 14 : 45 Poster 41 Short stem 2		Moderator : Hiroshi TANAKA
PS41-01	Periprosthetic Bone Responses after Total Hip Arthroplasty with Curved-short Stem Dept. of Orthop. Surg., Kanazawa Univ.	Yuta NAKAMURA, et al 479
PS41-02	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. School of Med.	Hideki FUJII, et al 479
PS41-03	Short-term clinical results of SMF that is the short stem occupying the proximal femoral medullary canal Dept. of Orthop. Surg., The Jikei Univ.	Motoi TAKAHASHI, et al 479
PS41-04	A comparison of roentgenographic change of two different short stems in total hip arthroplasty Dept. of Orthop. Surg., Tokyo Women's Medical Univ.	Yutaro MUNAKATA, et al 480
PS41-05	Clinical Results of the Total Hip Replacements Using Fitmore Dept. of Joint Replacement Center, National Hospital Organization Tokyo Medical Center / Dept. of Orthop. Surg., National Hospital Organization Tokyo Medical Center	Takahiro KAMEDA, et al 480

Day 1
Feb. 15(Fri.)Day 2
Feb. 16(Sat.)

Room 1

Room 2

Room 3

Room 4

Room 5

Room 6

Room 7

Room 8

Room 9

Room 10

Poster Room