

Saturday, February 16, Room 1

8 : 00 ~ 9 : 30 Symposium 4 Contrivance of revision THA

Moderators : Chiaki TANAKA, Takahiro OKAWA

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|------------------------|------------|---|---------------------------------|
| Day 1
Feb. 15(Fri.) | 2-1-SY4-01 | Indication and limitations of jumbo cup for revision THA
Dept. of Orthop. Surg., Asahikawa Medical Univ. | Hiroshi ITO, et al 272 |
| Day 2
Feb. 16(Sat.) | 2-1-SY4-02 | Reconstruction of acetabulum with Kerboull or KT plate in revision THA
Saiseikai Yamagata Saisei Hospital | Masaji ISHII, et al 272 |
| Room 1 | 2-1-SY4-03 | Revision total hip arthroplasty with impaction bone grafting: The theory and the cautionary points
Dept. of Orthop. Surg., Matsudo City General Hosp. | Satoshi IIDA 273 |
| Room 2 | 2-1-SY4-04 | Option for Cemented Femoral Revision Hip Arthroplasty
Gifu Municipal Hosp., Joint Reconstruction Center | Hiromi OTSUKA, et al 273 |
| Room 3 | 2-1-SY4-05 | Technical consideration of femoral reconstruction with using cementless stem
Dept. of Musculoskeletal Biomech. Surg. Development,
Sapporo Medical Univ. | Satoshi NAGOYA, et al 274 |
| Room 4 | 2-1-SY4-06 | Revision total hip arthroplasty using allografts
Hachiya Orthop. Hosp. | Makoto KATO, et al 274 |

9 : 35 ~ 11 : 05 Symposium 5 Rehabilitation therapy after lower limb arthroplasty

Moderators : Toshikazu KUBO, Hajime SUGIYAMA

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| Room 5 | 2-1-SY5-01 | Current Trend of Rehabilitation for Patients Treated with THA and TKA
Dept. of Rehabilitation Med., Hirosaki Univ. | Eiichi TSUDA, et al 275 |
| Room 6 | 2-1-SY5-02 | Kinematics of Total Hip Arthroplasty
Dept. of Orthop. Surg., Yamaguchi Univ.
Graduate School of Medicine | Takashi SAKAI 275 |
| Room 7 | 2-1-SY5-03 | The theory and practice of postoperative rehabilitation after TKA
Dept. of Sports and Para-Sports Medicine,
Kyoto Prefectural University of Medicine | Yuji ARAI, et al 276 |
| Room 8 | 2-1-SY5-04 | Current status and future perspectives of postoperative rehabilitation in THA
Second Dept. of Orthop. Surg., Dokkyo Medical Univ.
Saitama Medical Center /
Dept. of Orthop. Surg., Medical Hospital,
Tokyo Medical and Dental Univ. | Tetsuya JINNO, et al 276 |
| Room 9 | 2-1-SY5-05 | Robotic device-assisted knee extension training for the treatment of knee function recovery after total knee arthroplasty
Dept. of Orthop. Surg., Univ. of Tsukuba | Tomokazu YOSHIOKA, et al 277 |

11 : 30 ~ 12 : 30 Luncheon Seminar 10

Moderator : Yutaka INABA

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| Poster Room | 2-1-LS10-01 | Robotic assisted THA
Dept. of Orthop. Med. Eng., Osaka Univ. | Nobuhiko SUGANO, et al 248 |
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Sponsored by Stryker Japan K.K.

14 : 00 ~ 15 : 30 Symposium 6 A concept of THA/TKA for rheumatoid arthritis patients in the era of biological drugs: a message from a rheumatology surgeon Moderators : Hiromu ITO, Taku KAWASAKI		Day 1 Feb. 15 (Fri.)
2-1-SY6-01	The overview of the recent surgeries for rheumatoid hips and knees Center for Rheumatic Diseases, Yokohama City University Medical Center Yuichi MOCHIDA, et al 277	Day 2 Feb. 16 (Sat.)
2-1-SY6-02	Timing of total hip/knee arthroplasties for patients with rheumatoid arthritis using biological DMARDs Dept. of Orthop. Surg., Univ. of Toyama Isao MATSUSHITA, et al 278	Room 1
2-1-SY6-03	Prevention of complication in RA-THA Dept. of Orthop. Surg., Kyushu Univ. Yasuharu NAKASHIMA, et al 278	Room 2
2-1-SY6-04	The impact of total knee arthroplasty in patients with rheumatoid arthritis Dept. of Orthop. Surg., Nagoya Medical Center Atsushi KANEKO 279	Room 3
2-1-SY6-05	Preventive strategy for SSI in patients receiving biological and targeted synthetic DMARDs Dept. of Orthop. Surg., Kyoto Univ. Hiromu ITO, et al 279	Room 4
15 : 40 ~ 17 : 10 Symposium 7 Prevention and treatment of SSI in total joint replacement Moderators : Hiroshi ITO, Toshinori MASAOKA		Room 5
2-1-SY7-01	Prevention of Prosthetic Joint Surgical Site Infection (Internal Factors) Dept. of Orthop. Surg., Nagasaki Univ. Hosp. Shiro KAJIYAMA, et al 280	Room 6
2-1-SY7-02	Prevention of SSI in artificial joint replacement -extrinsic factors- Dept. of Orthop. Surg., Tokyo Med Univ. Toshiyuki TATEIWA, et al 280	Room 7
2-1-SY7-03	Proper antibiotic use for prevention and treatment of PJI Dept. of Orthop. Surg., Kawasaki Municipal Tama Hosp. Kazuhiko MATSUSHITA, et al 281	Room 8
2-1-SY7-04	Prevention and treatment of surgical site infection in total joint arthroplasty Dept. of Orthop. Surg., Yokohama City Univ. Hyommin CHE, et al 281	Room 9
2-1-SY7-05	One-staged Revision THA for Periprosthetic Hip Infection Dept. of Orthop. Surg., Kansai Medical Univ. Kenichi OE, et al 282	Room 10
2-1-SY7-06	Two-Stage Revision Total Hip Arthroplasty for Periprosthetic Infections Using Antibiotic-Impregnated Cement Spacers Dept. of Orthop. Surg., School of Medicine, Kitasato Univ. Katsufumi UCHIYAMA, et al 282	Poster Room
17 : 10 ~ 17 : 20 Closing Ceremony		

Saturday, February 16, Room 2

8 : 00 ~ 9 : 30 Symposium 8 Artificial joints and sports – current status and issues –
Moderators : Etsuo CHOSA, Yasuharu NAKASHIMA

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| Day 1
Feb. 15(Fri.) | 2-2-SY8-01 | Current Status and Issues of Sports Activities after TKA
Dept. of Orthop. Surg., Kyushu Univ. | Satoshi HAMAI, et al 283 |
| Day 2
Feb. 16(Sat.) | 2-2-SY8-02 | Sports Activity after Knee Arthroplasty
Fukuoka Orthopaedic Hospital | Shusaku MATSUDA 283 |
| Room 1 | 2-2-SY8-03 | Current status and issues of sports activities after THA surgery
~usefulness and possibilities of the 'slow run, slow jogging' activities to the patients
after THA~
Dept. of Orthop. Surg., Univ. of Miyazaki Hospital | Yoshihiro NAKAMURA, et al 284 |
| Room 2 | 2-2-SY8-04 | Current status and issues of the athletic activity after total hip arthroplasty
Dept. of Orthop, Graduate School of Medical Science,
Kyoto Prefectural Univ. of Medicine | Keiichiro UESHIMA, et al 284 |
| Room 3 | 2-2-SY8-05 | Sports activity after total elbow arthroplasty
Dept. of Rehabilitation, Okayama Rosai Hosp. /
Dept. of Orthop. Surg., Okayama Rosai Hosp. | Kenzo HASHIZUME, et al 285 |

9 : 35 ~ 11 : 05 Symposium 9 Treatment for periprosthetic fracture
Moderators : Kenji KAWATE, Naonobu TAKAHIRA

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| Room 4 | 2-2-SY9-01 | Epidemiology and Prevention in Periprosthetic fractures
Dept. of Orthop. Surg., Tsukuba Gakuen Hosp. | Shigeru HARADA 285 |
| Room 5 | 2-2-SY9-02 | Classification and Selection of Therapy for Periprosthetic Femoral Fractures after
Femoral Head Replacement or Total Hip Arthroplasty
Dept. of Orthop. Surg., Akita Univ.
Graduate School of Medicine /
Akita Hip Research Group (AHRG) | Hiroaki KIJIMA, et al 286 |
| Room 6 | 2-2-SY9-03 | Revision Surgery for Vancouver B2 and B3 Periprosthetic Femoral Fractures
Dept. of Regional Medical Play Laboratory., Ehime Univ.
Graduate School of Medicine | Naohiko MASHIMA, et al 286 |
| Room 7 | 2-2-SY9-04 | Treatment strategy for periprosthetic fracture around total knee arthroplasty
-preoperative plan-
Dept. of Emerg. Healthcare and Disas. Med.,
Okayama Univ. Grad. Sch. | Yasuaki YAMAKAWA, et al 287 |
| Room 8 | 2-2-SY9-05 | Surgical treatment for supracondylar periprosthetic fractures of femur
Fukuoka Orthopedic Hospital | Masami TOKUNAGA 287 |
| Room 9 | 2-2-SY9-06 | Minimally invasive plate osteosynthesis for periprosthetic fractures after total knee
arthroplasty
Dept. of Orthop. Surg., Okayama Medical Center | Toru SATO, et al 288 |
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11 : 30 ~ 12 : 30 Luncheon Seminar 11		Moderator : Tetsuya JINNO
2-2-LS11-01	THA in supine position using palm size portable navigation system Dept. of Orthop. Surg., Osaka City Univ. Graduate School of Medicine	Yukihide MINODA, et al 249
2-2-LS11-02	THA in lateral position using palm size portable navigation system Dept. of Orthop. Surg., Osaka City Univ. Graduate School of Medicine	Ryo SUGAMA, et al 249 Sponsored by Zimmer Biomet G.K.
14 : 00 ~ 15 : 00 Debate Session 2 CR vs. PS TKA		Moderator : Toru SUGURO
2-2-DS2-01	Measured resection CR-TKA to maintain the lateral joint line Dept. of Orthop. Surg., Wajo Eniwa Hosp.	Shoichi KIMURA, et al 233
2-2-DS2-02	Rationale for PCL Sacrifice in Total Knee Arthroplasty - Instructions You Need to Follow as a Novice Surgeon. - Hanwa Joint Reconstruction Center	Yoshinori KADOYA 233
15 : 05 ~ 16 : 35 Symposium 10 Contrivance of TKA for severely deformed knees		Moderators : Toshihiro ODERA, Ken OKAZAKI
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2-2-SY10-02	Total knee arthroplasty for severe varus and valgus deformity using navigaton system Dept. of Orthop. Surg., Tokyo Univ.	Hiroshi INUI 289
2-2-SY10-03	Surgical technique for the severe bone loss in revision total knee arthroplasty Dept. of Orthop. Surg., Kindai Univ. Faculty of Medicine	Shinji INOUE, et al 289
2-2-SY10-04	Surgical techniques in TKA for severe valgus deformity - Consideration from the results of intraoperative component gap - Dept. of Orthop. Surg., Univ. of Toyama	Ryuichi GEJO, et al 290
2-2-SY10-05	TKA for extra-articular deformity after trauma or osteotomy Dept. of Orthop. Surg., Nippon Medical School	Tokifumi MAJIMA, et al 290
2-2-SY10-06	Surgical technique for flexion contracture (postero-medial longitudinal capsulotomy) Kitachiba Orthopedic Clinic	Ryutaku KANEYAMA, et al 291

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Saturday, February 16, Room 3

8 : 00 ~ 9 : 00 Basic Lecture 7 Preoperative planning for THA

Moderator : Michiaki TAKAGI

2-3-BL7-01 Basic concept of preoperative planning for total hip arthroplasty
Dept. of Orthop. Surg., Yokohama City Univ. Yutaka INABA, et al 240

9 : 05 ~ 10 : 05 Basic Lecture 8 Basics for selecting THA stem

Moderator : Yuji YASUNAGA

2-3-BL8-01 Basic knowledge for cementless femoral stem selection in total hip arthroplasty
Dept. of Orthop. Surg., The Jikei Univ. Daisan Hosp. Takuya OTANI 240

10 : 10 ~ 11 : 06 Oral 32 Short stem

Moderator : Hideki FUJII

2-3-OR32-01 Changes in the bone mineral density in the proximal femur -using four different stem types for three years after cementless total hip arthroplasty-
Dept. of Orthop. Surg., Sendai Red Cross Hosp. Masamizu OYAMA, et al 360

2-3-OR32-02 The usefulness and problem of short stem in cementless total hip arthroplasty
Anshin Hosp. Shingo NITTA, et al 360

2-3-OR32-03 Evaluation of contact state of a femoral implant between short distal taper stem and standard distal taper stem
Dept. of Artificial Joints and Biomaterials, Graduate School of Biomedical & Health Sciences, Hiroshima Univ. Takeshi SHOJI, et al 360

2-3-OR32-04 Experience of using Short Stem Fitmore - Consideration on intraoperative fractures and postoperative femoral pain cases -
Dept. of Orthop. Surg., Juntendo Shizuoka Hospital Itaru MOROHASHI, et al 360

2-3-OR32-05 Examination of the initial fixed style of the rectangular short stem (Fitmore Hip Stem) in the cementless THA
Tomidahama Hosp. Noriki MIYAMOTO 361

2-3-OR32-06 Five-year comparative follow-up study on two different type of short stem
Implant & Joint Surg. Center, JCHO Osaka Hospital Katsuya NAKATA, et al 361

2-3-OR32-07 The clinical results of cementless short-stem planned distal tapered fixation
Dept. of Orthop. Surg., The Jikei Univ. Daisan Hosp. Yasuhiko KAWAGUCHI, et al 361

11 : 30 ~ 12 : 30 Luncheon Seminar 12

Moderator : Takuya NAKAMURA

2-3-LS12-01 Advances and Innovation in TKA Cementing Technique
Japan Community Health Care Organization,
Saitama Medical Center Takao KODAMA 250

Sponsored by Johnson & Johnson K.K.

14 : 00 ~ 15 : 00 Debate Session 3 Standard vs. short stem
 Moderator : Takuya OTANI

- 2-3-DS3-01 Is There Any Problem with Standard?
 Dept. of Orthop. Surg., Toyama Prefectural Central Hosp. Takuya NAKAMURA 234
- 2-3-DS3-02 Some like it short, some like it long!
 Center for Arthritis and Joint Surgery,
 Chiba-ken Saiseikai Narashino Hospital Yoshitada HARADA, et al 234

15 : 05 ~ 16 : 05 Debate Session 4 Polyethylene vs. ceramic articulation surface
 Moderator : Masaaki MATSUBARA

- 2-3-DS4-01 An articulation using polyethylene is considered the gold standard
 Dept. of Orthop. Surg., Kanazawa Medical Univ. Ayumi KANEUJI 235
- 2-3-DS4-02 Results of Ceramic-on-ceramic bearings total hip arthroplasty
 Institute of Joint Replacement and Rheumatology,
 Zama General Hospital Saiji KONDO, et al 235

16 : 10 ~ 17 : 10 Basic Lecture 9 Cementing technique for arthroplasty (THA, TKA)
 Moderator : Harumoto YAMADA

- 2-3-BL9-01 Cementing technique for joint replacement (THA)
 Inst. for Joint Replacement, Dept. of Orthop. Surg., Kyoto Katsura Hosp. Hiroshi FUJITA 241
- 2-3-BL9-02 Surgical Tequique for cemented TKA
 Dept. of Orthop. Surg., Chiba Rosai Hosp. Ko SHIMIZU 241

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Saturday, February 16, Room 4

8 : 00 ~ 9 : 30 Panel Discussion 4 Total elbow arthroplasty following elbow trauma
Moderators : Hiroyasu IKEGAMI, Keiichiro NISHIDA

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| Day 1
Feb. 15(Fri.) | 2-4-PD4-01 | Model selection of total elbow arthroplasty for trauma
Dept. of Orthop. Surg., Tokyo Metropolitan Otsuka Hosp. Junya MIBE, et al 301 |
| Day 2
Feb. 16(Sat.) | 2-4-PD4-02 | Preoperative evaluation and surgical planning of total elbow arthroplasty for elbow injuries
Dept. of Orthop. Surg., Saiseikai Otaru Hospital Takashi ODA, et al 301 |
| Room 1 | 2-4-PD4-03 | Primary Total Elbow Arthroplasty: Treatment for Distal Humeral Fractures in Elderly Patients; Knack in Surgical Procedure
Dept. of Orthop. Surg., Showa Univ. School of Medicine Jun IKEDA, et al 302 |
| Room 2 | 2-4-PD4-04 | Surgical experience of distal humeral hemiarthroplasty for distal humeral fractures: Radiographical analysis
Dept. of Orthop. Surg., Hoshigaoka Medical Center Jiro NAMBA, et al 302 |
| Room 3 | 2-4-PD4-05 | Clinical results of Total Elbow Arthroplasty for periarticular fracture of elbow joint
Dept. of Orthop. Surg., Toho Univ. Masayuki SEKIGUCHI, et al 303 |
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Dept. of Orthop. Surg., Keio Univ. School of Medicine Takuji IWAMOTO, et al 303 |

9 : 35 ~ 10 : 35 Invited Lecture 4 Moderator : Jun NISHIDA

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| Room 5 | 2-4-IL4-01 | Biomechanical Considerations of Replacement Arthroplasty in the Upper Extremity
Mayo Clinic, Rochester, Minnesota USA Kai-Nan AN 231 |
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11 : 30 ~ 12 : 30 Luncheon Seminar 13 Moderator : Hirokazu IIDA

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| Room 6 | 2-4-LS13-01 | Register Survival Analysis and Long-Term Ceramic Implants Performance
Dept. of Orthop. Surg., Middlemore Hospital,
University of Auckland, New Zealand Rocco P. PITTO 250
Sponsored by CeramTec GmbH |
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14 : 00 ~ 15 : 30 Panel Discussion 5 Total ankle arthroplasty - tips and pitfalls in surgical procedures -
Moderators : Jun HASHIMOTO, Yasuhito TANAKA

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| Room 7 | 2-4-PD5-01 | The concept and surgical technique of the TNK ankle
Dept. of Orthop. Surg., Nara Medical Univ. Hiroaki KUROKAWA, et al 304 |
| Room 8 | 2-4-PD5-02 | Tips for FINE ANKLE: total ankle arthroplasty
Dept. of Orthop. Surg., Osaka Univ. Makoto HIRAO, et al 304 |
| Room 9 | 2-4-PD5-03 | Surgical Management for Osteonecrosis of the Talus using Total Talar Prosthesis
Dept. of Orthop. Surg., Kobe Univ.
Graduate School of Medicine Noriyuki KANZAKI, et al 305 |
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2-4-PD5-04 Results, surgical technique and application of total ankle arthroplasty (combined TAA) with a total talar prosthesis
 Dept. of Orthop. Surg., Nishi Nara Central Hospital Ryuhei KATSUI, et al 305

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15 : 35 ~ 17 : 05 Panel Discussion 6 Surgical procedures and clinical results of THA for high dislocated hips
 Moderators : Kenji OZONO, Seiya JINGUJI

Day 2
Feb. 16(Sat.)

2-4-PD6-01 Pre-operative planning of THA for high dislocation hip
 Dept. of Orthop. Surg., Okayama City Hosp. Kazuo FUJIWARA, et al 306

Room 1

2-4-PD6-02 Basic technique of THA in developmental dysplasia of the hip
 Dept. of Orthop. Surg., Kansai Medical Univ. Medical Center Hirohiko TOKUNAGA 306

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2-4-PD6-03 Primary Total Hip Arthroplasty Treatment for Crowe Group 3 and 4 Developmental Dysplasia
 Dept. of Orthop. Surg., Arthroplasty Center
 Yokohama Minami-kyosai Hospital /
 Dept. of Orthop. Surg.,
 Showa University Fujigaoka Hospital Toshihisa KAJIWARA, et al 307

Room 3

2-4-PD6-04 Pitfall of THA for the patients with highly dislocated hip
 Dept. of Orthop. Surg., Saga Univ. Motoki SONOHATA, et al 307

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2-4-PD6-05 Clinical Results of Total Hip Arthroplasty with Femoral Shortening Osteotomy for High Dislocated Hip
 Chuzan Orthop. Surg. Yasuhiro ISHIDO, et al 308

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Saturday, February 16, Room 5

8 : 00 ~ 9 : 30 Panel Discussion 7 Application of UKA and contrivance for improving its clinical results

Moderators : Sho AKIZUKI, Yoshifumi NAMBA

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Feb. 15(Fri.) | Day 2
Feb. 16(Sat.) | Room 1 | 2-5-PD7-01 UKA Indications and Surgical Tips
Sonoda Joint Replacement Center Hospital Kazutaka SUGIMOTO, et al 308 |
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Dept. of Orthop., Tokushima Univ. Daisuke HAMADA, et al 309 |
| Room 2 | | | 2-5-PD7-03 Indication for mobile bearing unicompartmental knee arthroplasty and status of anterior cruciate ligament
Dept. of Orthop. Surg., and Joint Surgery Centre Takafumi HIRANAKA, et al 309 |
| Room 3 | | | 2-5-PD7-04 Causes of re-operations after UKA
Dept. of Orthop. Surg., Kagawa Univ. Tasuku MASHIBA, et al 310 |
| Room 4 | | | 2-5-PD7-05 Indication for UKA, expand and pitfall
Shonan Kamakura Knee Reconstruction Center Ichiro TATSUMI, et al 310 |

9 : 33 ~ 10 : 21 Oral 33 Clinical results of UKA 1 Moderator : Toshihiro ODERA

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| Room 5 | | | 2-5-OR33-01 Mid-term postoperative clinical outcomes in unicompartmental knee arthroplasty with mobile-bearing
Dept. of Orthop. Surg. and Joint Center, Takatsuki General Hosp. Yuichi HIDA, et al 361 |
| Room 6 | | | 2-5-OR33-02 Postoperative knee pain in the lateral position after Oxford unicompartmental knee arthroplasty
Dept. of Orthop. Surg., Faculty of Medicine, The University of Tokyo Kentaro TAKAGI, et al 362 |
| Room 7 | | | 2-5-OR33-03 Short-term results of cementless Oxford UKA
Dept. of Orthop. Surg., Osaka National Hospital Takashi MIYAMOTO, et al 362 |
| Room 8 | | | 2-5-OR33-04 Short-term clinical results of the Cementless Oxford UKA
Nishinomiya Joint Reconstruction Center, Nishinomiya Watanabe Hospital Shinichi FUKUOKA, et al 362 |
| Room 9 | | | 2-5-OR33-05 Effects of tibial baseplate shape on bone coverage in unicompartmental knee arthroplasty
Dept. of Orthop. Surg., Kyushu Univ. Hideki MIZUCHI, et al 362 |
| Room 10 | | | 2-5-OR33-06 Long-term clinical outcome of UKA
Dept. of Orthop. Surg., Hiroshima Prefectural Akitsu Hosp. Toshihiko GOTO, et al 363 |

10 : 25 ~ 11 : 05 Oral 34 Clinical results of UKA 2 Moderator : Hideo MATSUMOTO

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Dept. of Orthop. Surg., JCHO Yugawara Hosp. Kazuhiko MICHISHITA, et al 363 |
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11 : 30 ~ 12 : 30 Luncheon Seminar 14

Moderator : Takuaki YAMAMOTO

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2-5-LS14-02	OA and Exercise: Pathophysiology and pain mechanism Dept. of Health and Sport Sciences, Osaka University Graduate School of Medicine Ken NAKATA, et al 251 Sponsored by Eli Lilly Japan K.K. / Pfizer Japan Inc.	Room 3 Room 4

14 : 00 ~ 14 : 48 Oral 35 TSA 1

Moderator : Hiroshi HASHIGUCHI

2-5-OR35-01	Learning curve of reverse shoulder arthroplasty Dept. of Orthop. Surg., NHO Kochi National Hospital Shoji FUKUTA, et al 364	Room 5
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Day 2 Feb. 16(Sat.)	2-5-OR36-02	Preoperative Size and Fatty Degeneration of the Deltoid Correlate to Postoperative Outcome After Reverse Total Shoulder Arthroplasty Dept. of Orthop. Surg., Mazda Hospital	Kazuhiko KIKUGAWA, et al	366
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Room 2	2-5-OR36-04	The Evaluation Muscle Strength after Reverse Shoulder Arthroplasty -compared with a no symptom group- Fujita Health University Orthopedic Surgery Reconstructive Medicine of Neuro-Musculoskeletal System	Mitsuko YAMADA	366
Room 3	2-5-OR36-05	Humeral bone resorption after reverse shoulder arthroplasty -In-lay type vs On-lay type- Department of Sports Medicine, Nara Medical University / Dept. of Orthop. Surg., Nara Medical University	Kazuya INOUE, et al	367
Room 4	2-5-OR36-06	Radiographic evaluation of humeral stem in 1 year after reverse shoulder arthroplasty Dept. of Orthop. Surg., Osaka City University Graduate School of Medicine	Yoshihiro HIRAKAWA, et al	367
Room 5	2-5-OR36-07	Evaluation of Humeral Bone Resorption after Reverse Shoulder Arthroplasty, Total Shoulder Arthroplasty and Hemiarthroplasty Using Comprehensive Shoulder System Dept. of Orthop. Surg., Gifu Univ.	Hiromi ASANO, et al	367
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Room 6	2-5-OR37-01	Clinical study of revision total elbow arthroplasty in rheumatoid arthritis Dept. of Orthop. Surg., National Hospital Organization Shimoshizu Hospital	Hajime YAMANAKA, et al	367
Room 7	2-5-OR37-02	The short-term results of the Discovery elbow system for rheumatoid arthritis Dept. of Orthop. Surg., National Hospital Organization, Ureshino Medical Center	Itaru FURUICHI, et al	368
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Room 7	PS56-05	Relationship between soft tissue tensile force and leg length in total hip arthroplasty Dept. of Orthop. Surg., Iizuka Hosp. Kazuhiko SONODA, et al 502
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PS58-05 Two subsided cases of collared cementless Corail stem
Dept. of Orthop. Surg., Narashino Daiichi Hosp. Shigeru MITSUHASHI, et al 505

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Zama General Hosp. Hiroshi SUNAMI, et al 507

PS60-02 Short-term results of total hip arthroplasty using Ovation Tribute Hip System
Dept. of Orthop. Surg., Kawasaki Medical School Kensuke TANAKA, et al 507

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Bone and Joint Orthop. Surg., Japanese Red Cross Medical Center Hideya ITO, et al 508

PS60-04 Difference in Stem Alignment between Anterolateral Supine Approach and
Posterolateral Approach Using of Wagner Cone Stem in Total Hip Arthroplasty
Dept. of Orthop. Surg., Ise Municipal General Hosp. Kakunoshin YOSHIDA, et al 508

PS60-05 The fixation style and radiographic evaluation of total hip arthroplasty using short
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Joint Reconstruction Center, Fukuoka Mirai Hosp. Hiroyuki YOSHII, et al 508

PS60-06 Analysis of stem fixation modality of POLARSTEM
Dept. of Orthop., Kyoto Prefectural Univ. of Medicine Hiroki YAMAMOTO, et al 508

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Yamaguchi Prefectural Grand Medical Center Kenji HIRATA, et al 509

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Nisinomiyakaisei Hospital Makoto KANTO, et al 509

PS61-02 A case report of "Cup in Cup revision" for recurrent dislocation after revision THA
Chubu Tokushukai Hosp. Mika TAKAESU, et al 509

PS61-03 Two cases of two-stage revision using unpressurised cement acetabular liner
Dept. of Orthop. Surg., Ota Memorial Hosp. Toshiyuki YAMAUCHI 509

PS61-04 A study of insert angle of Artificial hip joint
Shizuoka Prefectural Fugakukan High School Yoshihito ODA 510

PS61-05 Preliminary examination of doctor's stress assessment at the total hip arthroplasty
Dept. of General Medical Education Center,
Yamagata Medical Univ. Toshimi NAKANISHI, et al 510

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Moderator : Hideto FUJII

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