



Program of 10ème Réunion de l'AFJO

Conférence invitée

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<29th, 11:10-12:10 / Moderator (J) H. Ohashi 30th, 9:30-10:30 / Moderator (J) A. Kobayashi >

1. Ceramic – ceramic couple: A 38 years experience

Laurent Sedel

Hopital Lariboisière (APHP) and University Denis Diderot. Paris France

2. Sports injuries of the upper extremity

Fuminori Kanaya

Department of Orthopedic Surgery, University of the Ryukyus, Faculty of Medicine

Thème1:THA-1

00

<29th, 08:45-10:00 / Moderator (J) S. Iida (F) P. Hernigou >

1. Dislocation after total hip arthroplasty using the direct anterior approach

Kazuhiro Oinuma

Funabashi Orthopedic Hospital, Chiba

2. Clinical results of total hip prostheses with alumina ceramic head combined with UHMWPE socket for 19-21 years by radiographical study

Sok Chol Kim

Dept. of Orthop. Surg., Tominaga Hosp., Osaka

3. Noise occurrence after alumina-on-alumina hip arthroplasty

Remy Nizard

Dep. of orthop. Surg. Lariboisière Hospital, Paris VII Univ

4. Medium-term results of cemented total hip arthroplasty with L-shaped bone grafting for severe acetabular dysplasia ~ effect from modification of bone grafting method~

Katsuhisa Kikuchi

Dept.of.Orthop. Surg., Shiga Medical Univ., Shiga

5. Cementless total hip arthroplasty with bulk femoral autograft for acetabular reconstruction

Toshihisa Kajiwara

Dept. of Orthop.Surg.,Yokohama Minami-kyousai Hosp., Yokohama

6. Long term migration using EBRA-FCA of stem cemented line-to-line according to the " French paradox" principles

Jean Pierre Courpied

Dept of Orthop Surgery, Cochin Hospital, Paris

7. Acetabular reconstruction using a Kerboul-Type acetabular reinforcement device in total hip arthroplasty

Kenichi Oe

Dept. of Orthop. Surg., Kansai Medical Univ., Osaka

8. Acetabular reconstruction using Kerboul-type reinforcement plate

Chiaki Tanaka

Kyoto City Hospital, Kyoto



9. Treatment of difference in length by inter trochanterian shortening of the femur by Blount's technique

Jacques Henri Caton

Clinique Orthopédique Emilie de Vialar, Lyon

Thème2:Navi, CAOS

00

<29th, 10:00-10:50 / Moderator (J) K. Kaneko (F) O. Guyen >

10. Post-operative alignment after TKR : comparison between computer-assisted and conventional procedures

Vincent Pibarot

Dept of Orthop. Surg., Edouard Herriot Hosp., Lyon

11. Computer-Assisted Patellofemoral Arthroplasty: A Mechanism for Optimizing Rotation

Philippe Hernigou

Hopital Henri Mondor 94000 Creteil

12. Computer Assisted Knee Arthroplasty. State of the art in 2009

Philippe Merloz

University Department of Orthopaedic and Trauma Surgery, CHU A. Michallon, Grenoble

13. An original hip navigation system to control leg lengthening, offset and stability without the use of the pelvic anterior plane.

Olivier Guyen

Dept of Orthop. Surg., Edouard Herriot Hosp., Lyon

14. Comparison of anatomic data between the native hip and after a total prosthesis with a modular neck for centred degenerative hip disease

Philippe Merloz

Dept. of Orthopaedic Surgery ; CHU A. Michallon, Grenoble

15. Fluoroscopy-based navigation system in spine surgery

Philippe Merloz

University Department of Orthopaedic and Trauma Surgery, CHU A. Michallon, Grenoble

Thème3:Hip

00

<29th, 14:00-14:40 / Moderator (J) Y. Yasunaga (F) J.P. Courpied >

16. Does radiographic cross-over sign influence the long-term result after rotational acetabular osteotomy for hip dysplasia?

Takuma Yamasaki

Dept. of Orthop. Surg., Graduate School of Biomedical Sciences, Hiroshima Univ., Hiroshima

17. Cementless tapered stem in hemiarthroplasty of the hip joint

Hiroki Shimodaira

Dept. of Orthop. Surg., Shinonoi General Hosp., Nagano

18. Minimal incision surgery, hip arthroplasty and oldest olds hip fracture. A comparative study

Jean-Christophe Bel

CHU Lyon E. Herriot University Hospital



19. Short and mid-term results of vascularized iliac graft for femoral head necrosis with sickle cell disease in young patients

Hao Wu

Dept. of Orthop. Surg, Guangxi Hospital, Nanning Guangxi, 530021, P.R.China;

20. Chemical thromboprophylaxis following total hip arthroplasty (aspirin and low dose unfractionated heparin and fondaparinux sodium)

Takanori Omae

Dept. of Orthop. Surg., Matsudo City Hospital, Matsudo, Chiba

Thème4:TKA

00

<29th, 14:40-15:40 / Moderator (J) R. Kaneyama (F) J. Caton >

21. In vivo mechanism of anterior tibial post impingement during gait with a posterior stabilized total knee arthroplasty

Masashi Tamaki

Dept. of Orthopedic Biomaterial Science, Osaka Univ., Osaka

22. In vivo motion analysis of mobile-bearing total knee arthroplasty

Kazuma Futai

Division of Orthopaedic Biomaterial Science, Osaka Univ. Graduate School of Medicine, Osaka

23. PCL function in relation to flexion-extension gap in TKA

Ryutaku Kaneyama

Funabashi Orthop. Hosp., Chiba

24. Knee range of motion following total knee replacement with the PFC sigma RP or PFC sigma RP-F prostheses

Koji Seike

Department of Orthopaedic Surgery, Tokyo Metropolitan Police Hospital, Tokyo

25. Patello-femoral osteo arthritis treatment

Jacques Henri Caton

Clinique Orthopédique Emilie de Vialar, Lyon

26. The design history and clinical results of ceramic total knee prosthesis for 26 years

Sok Chol Kim

Dept. of Orthop. Surg., Tominaga Hosp., Osaka

27. Combined total knee arthroplasty and high tibial osteotomy

Philippe Hernigou

Hopital Henri Mondor, Creteil

Thème5:Knee

00

<29th, 16:00-17:20 / Moderator (J) A. Kobayashi (F) J. Henner >

28. Use of bone wax to reduce blood loss after total knee arthroplasty

Naoki Haraguchi

Department of Orthopaedic Surgery, West Tokyo Metropolitan Police Hospital, Tokyo



29. Oteoaryjritis of knee joint by mechanical stress -new technique of medial co-lateral ligament(MCL) -

Haruhito Tanaka

Kansai University, Osaka

30. New evaluation technique for articular cartilage after high tibial osteotomy using delayed gadolinium enhanced MR imaging of cartilage

Takeshi Yamashita

Dept. of Orthop. Surg., Teikyo Univ. Chiba Medical Center, Chiba

31. Final results at two years for chondrocytes grafts in a hydrogel in lesions of the femoral condyle

F. Dubrana

Centre Hospitalo-Universitaire, Brest

32. Intra-articular ganglion cyct of the knee originated from anterior cruciate ligament; a case report

Yasushi Fukaya

Dept. of Orthop. Surg., Nagoya Daini Red Cross Hosp., Nagoya

33. Histological evaluation and comparison of the anteromedial and posterolateral bundles of the human anterior cruciate ligament of the osteoarthritic patients

Arata Watanabe

Dept. of Orthopaedic Surgery, University of Tsukuba, Ibaraki

34. Anterior cruciate ligament reconstruction with one-bundle hamstrings tendons autograph using navigation: antérieur and rotative laxity, anisometry assessment

Dumas Julien

Dept. of Orthop. Surg. , Clinic Parc Imperial Nice

35. Comparison between bioabsorbable (u-HA/PLLA) and metal screws for fixation of bone patellar-tendon bone autografts in endoscopic anterior cruciate ligament reconstruction (ACLR) : MR evaluation and short-term clinical results

Tadayuki Hoshi

Komatsu Orthopaedic Clinic, Ibaraki

36. Long-term results of anterior cruciate ligament reconstruction: which pronostic factors for gonarthrosis at 20-year follow-up?

Julie Henner

Chirurgie orthopedique et traumatologique, CHU de Grenoble

Thème6:Pediatrics

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<29th, 17:20-17:45 / Moderator (J) K. Aoki (F) J. Henner >

37. Ultrasonography in the infant hip joint-Clinical course of Graf type IIb cases-

Yoshihiro Semoto

Ohno Memorial Hospital, Scoliosis Center and Rehabilitation Center, Osaka

38. Recurrent Legg-Perthes-Calvé disease: case report and review of the litterature

Julie Henner

Dept. of Ortho. Surg., Michallon Hosp., Grenoble

39. Scoliosis of children with Chiari I malformation and syringomyelia

Risako Yamamoto

Department of Orthopaedic Surgery, Graduate School of Biomedical Sciences, Hiroshima University, Hiroshima



Thème7:Research

00

<29th, 14:00-15:00 / Moderator (J) Y. Semoto (F) P. Hernigou >

40. A new technology not perfectly known by orthopaedist surgeons: The Morse taper technology and design

Philippe Hernigou

Hopital Henri Mondor 94000 Creteil

41. Advantages of a new technology for the oscillating saw

Philippe Hernigou

Hopital Henri Mondor 94000 Creteil

42. Gender differences in lower extremity kinematics during a single leg drop landing

Kenji Sato

Dept. of Rehabilitation, Funabashi Orthopedic Nishifuna Clinic, Chiba

43. Training in a seated position for frail elderly people

Koutatsu Nagai

Department of Human Health Sciences, Graduate School of Medicine, Kyoto University, Kyoto

44. Reproducibility of pain vision

Masaaki Ito

Dept. of Orthop. Surg., Teikyo Univ., Tokyo

45. Low-intensity pulsed ultrasound (LIPUS) increases the articular cartilage type II collagen in a rat osteoarthritis model

Kiyohito Naito

Department of Orthopaedic Surgery, Juntendo University Shizuoka Hospital, Shizuoka

46. Do HOXB9 and COL1A1 genes play a role in congenital dislocation of the hip? Study in a Caucasian population

Karen Rouault

Inserm U613, Univ Brest, Brest

Thème8:Shoulder, Elbow

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<29th, 15:00-15:30 / Moderator (J) H. Kawai (F) C. Cuny >

47. The "AST" classification of proximal humerus fractures

Christian Cuny

Department of Orthopaedics and Traumatology, C.H.R. METZ Bon-Secours

48. Reverse comma sign for subscapularis tendon rupture on preoperative MRI

Takashi Kobayashi

Dept. of Orthop. Surg., KKR Hokuriku Hosp., Ishikawa

49. Arthroscopic bankart repair with a double anchor footprint fixation (DAFF) technique -A preliminary report-

Naoko Mizuno

Dept. of Orthop. Surg, Yukioka Hospital, Osaka



**50. Newly developed total elbow arthroplasty (Osaka University Model: OUM) for rheumatoid arthritis.
-Adoption of epiphysio-metaphyseal fixation concept for primary mechanical fixation.**

Takashi Masatomi

Department of Orthopaedic Surgery, Hand and Upper Limb Surgery Center, Yukioka Hospital, Osaka

Thème9:Trauma

00

<29th, 16:00-17:20 / Moderator (J) M. Fujiwara (F) J.-C. Bel>

51. Surgical treatment of acetabular fractures

Masatoshi Fujiwara

Dep. of Orthopaedic Surgery, Nishi-kobe Medical Center, Kobe

52. The new concept for trochanteric femoral fracture -PFNA : proximal femoral nail antirotation-

Moto'o Yasuma

Dept. of Orthop. Surg., Yamachika Memorial Hosp., Kanagawa

53. Progressive lengthening of the inferior limbs for post traumatic leg length discrepancy in adults using an intramedullary progressive lengthening nail.

Tournier Clément

Dept of Orthop. Surg, Pellegrin Hosp, Univ Victor Segalen, Bordeaux

54. The place of repairing mini invasive of the calcaneal tendon (Achilles) in cool breaks: regarding an uninterrupted serie of 23 cases.

Nedjib Benammar

Department of orthopaedic surgery, Albertville hospital, Albertville

55. 4 cases of surgical treatment for calcaneus fracture using poly-L-lactic acid srew and pin

Masahito Yoshida

Dept of Orthop Surg, Meitetsu Hospital, Nagoya

56. Are Internal Fixation limits of complex calcaneal fractures with locked screws calcaneal plates driven back? Long term results about 35 cases

Jean-Christophe Bel

Dept. of Trauma and Orthopaedic Surgery, Univ. of Lyon, E. Herriot Hospital Pavillion G, Lyon

57. Arthroscopic findings in malleolar fractures at ORIF and at the removal of hardware

Toshio Inoue

Dept. of Orthop. Surg., Hakujuji Hosp., Fukuoka

58. The arthroscopic treatment for the anterior impingement syndrome of the ankle joint

Akeo Waseda

Dept. of Orthop. Surg., International Goodwill Hospital, Yokohama.

59. Stabilizing function of the posterior tibialis tendon in external rotation ankle fractures: a cadaver study

Naoki Haraguchi

Department of Orthopaedic Surgery, West Tokyo Metropolitan Police Hospital, Tokyo



Thème10:Tumor

00

<29th, 17:20-17:45 / Moderator (J) K. Fujiwara (F) A. Durandeu >

60. Tumors masked as frozen shoulders -A retrospective analysis

Hiroataka Sano

Department of Orthopaedic Surgery, Tohoku University School of Medicine, Sendai

61. Schwannoma of the posterior tibial nerve operated by microsurgical procedure

Alain Durandeu

Hopital Pellegrin 33076 Bordeaux Cedex Universite de Bordeaux

62. Reconstruction of major femoral vessels using temporary bypass tubes in limb salvage surgery for soft tissue sarcoma

Toshihisa Osanai

Dept. of Orthop. Surg., Yamagata Univ. Hosp., Yamagata

Thème11:Hand

00

<30th, 8:15-9:30 / Moderator (J) F. Kanaya (F) A. Durandeu >

63. Relation between the depth of the humeral trochlear groove and elbow pain in adolescent baseball players: An ultrasonographic assessment

Chisato Watanabe

Dept. of Orthop. Surg., Osaka Medical College., Osaka

64. Mobilization of a congenital proximal radio-ulnar synostosis with use of a free vascularized fascio-fat graft and a radius osteotomy

Fuminori Kanaya

Department of Orthopedic Surgery, University of the Ryukyus, Okinawa

65. Anatomical Features of the Pronator Quadratus Muscle (PQ) related to Minimally Invasive Plate Osteosynthesis (MIPO) and Condylar Stabilizing Technique (CST) for Distal Radius Fractures: A Cadaveric Study

Naoya Takada

Dept. of Orthop. Surg., Komaki City Hospital, Aichi

66. Arthroscopic evaluation of triangular fibrocartilage complex lesions in radius distal fractures

Yuji Tomori

Dept. of Orthop Surg., Kameda Medical Center, Chiba

67. Free palmaris longus scapho-lunate ligamentoplasty under arthroscopy: Description of the technique

Michel Levadoux

Teaching Naval Hospital Sainte Anne Toulon France

68. Neurolysis of the median nerve of the carpal tunnel by mini invasive incision

Alain Durandeu

Hopital pellegrin , universite de bordeaux ii 33076 bordeaux cedex

69. New surgical technique for carpal tunnel surgery with Canaletto implant

Renaud Duche

Avignon / Strasbourg



70. Distal digital replantation for crush and avulsion cases - Arterial repair based on a new surgical classification -

Masahiro Kashima

Dept. of Orthop. Surg., Naruto Hospital, Tokushima

71. Computer assisted cost-osteochondral graft for the reconstruction of finger joints

Hiroyuki Gotani

Seikeikai Osaka trauma and microsurgery center, Osaka

Thème12:Spine

00

<30th, 10:50-11:30 / Moderator (J) I. Yuge (F) P. Merloz>

72. A Lumbar epidural mass lesion with atypical appearance in diagnostic imaging

Muneaki Masuda

Dept. of Orthop. Surg. Japan Labour Health and Welfare Organization Spinal Injuries Center, Fukuoka

73. A risk factor analysis for vertebral bone injury after percutaneous laser disc decompression

Riya Kosaka

Dept. of Orthop.Surg., Hirakata City Hosp., Osaka

74. Deep venous thrombosis and pulmonary thromboembolism after spine surgery

Hiroki Hirabayashi

Dept. of Orthopaedic Surgery, Shinshu University School of Medicine, Nagano

75. The short-term outcome of spinous process splitting laminectomy for lumbar canal stenosis

Yoshio Shimamura

Dept. of Orthop.Surg, Juntendo Univ. Shizuoka Hosp, Shizuoka

76. Percutaneous fixation in spine surgery

H Vouaillat

University Department of Orthopaedic and Trauma Surgery, CHU A. Michallon, Grenoble

Thème13:THA-2

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<30th, 11:30-12:25 / Moderator (J) C. Tanaka (F) J. Caton>

77. Cement pressurization during insertion of two different-size femoral stems (Comparison between canal-filling stem and smaller stem with 2mm -cement mantle thickness)

Satoshi Iida

Dept. of Orthop. Surg., Matsudo City Hosp., Chiba

78. Advantages and limits of intra-operative measurement of fixation force in press-fit technique without screws of acetabular components

Kazuo Kaneko

Dept. of Orthop. Surg. Juntendo Univ., Shizuoka Hospital, Shizuoka

79. A minimum 5-year follow-up study of thrust plate hip prosthesis in total hip arthroplasty - Bone preserving prosthesis with a single axis -

Seigo Oshima

Dept. of Orthop. Surg, Graduate school of biomedical sciences, Hiroshima Univ., Hiroshima



80. The use of a dual mobility socket to restore stability of total hip arthroplasty

Olivier Guyen

Dept of Orthop. Surg., Edouard Herriot Hosp., Lyon

81. The dual mobility concept

André Ferreira

Clinique du Parc-Lyon, Lyon

82. Recent results of a prospective multicenter series of 420 cases of a latest-generation dual-mobility socket. Advantages of using a dual-mobility socket to limit dislocations

André Ferreira

Clinique du Parc-Lyon, Lyon

83. Acora Anti-dislocation Device

Jacques Henri Caton

Clinique Orthopédique Emilie de Vialar, Lyon, France

Thème14:Poster

00

<29th, 13:00-14:00>

1. The analysis of factors of rheumatoid arthritis patients who switchd infliximab to etanercept therapy

Tadashi Okano

Department of Orthopaedic Surgery, Osaka City University Graduate School of Medicine, Osaka

2. Allogenic bone marrow cells influence tendon-healing in a rat. Achilles tendon model

Naofumi Okamoto

Department of Orthopaedic Surgery, Kansai Medical University, Osaka

3. Ultrasound-guided supraclavicular brachial plexus block in upper limb surgery

Kazushige Gamo

Department of Orthopaedic Surgery, Hoshigaokakouseinenkin Hospital, Osaka

4. Comparison of bridging type external fixation and palmar locking plating for distal radius fractures

Kohji Kuriyama

Department of Orthopaedic Surgery, Toyonaka Municipal Hospital, Osaka

5. Minimally invasive osteosynthesis for distal radius fractures with an intramedullary implant

Makoto Fukuta

Dept. of Orthop. Surg., Komaki City Hosp., Aichi

6. Treatment of fractures of the distal metaphysis of the radius using minimally invasive plate osteosynthesis

Hiroki Yamada

Dept. of Orthop. Surg., Kainan Hosp., Aichi

7. Salvage operation for the chronic injuries of the proximal interphalangeal joint

Narihito Kodama

Dept. of Orthop Surg, Shiga University of Medical Science, Shiga



8.

Cancelled

9. A study of the gluteus minimus muscle contraction using ultrasonography

Ricoh Hirao

Department of Rehabilitation, Funabashi Orthopedic Hospital, Chiba

10. The effect of osteotomy on the secondary hip osteoarthritis - A study of 38 hip joints with arthroscopic findings -

Chiho Suzuki

Dept. of Orthop. Surg., Kashiwa City Hospital, Chiba

11. Polyethylene wear rates in total hip arthroplasty with zirconia femoral head

Masaaki Maruyama

Dept. of Orthop. Surg., Shinonoi General Hosp., Nagano

12. Two stage reconstruction of infected hip

Takahiko Wada

Dept. of Orthop. Surg., kansai Medical Univ. Hirakata, Osaka

13. Radiographic assessment on sagittal plane about dynamic motion in bipolar hip prosthesis

Go Kubota

Dept of Orthop Surg, Matsudo City Hosp, Chiba

14. Postoperative pain control after THA

Kazumi Ito

Funabashi Orthopedic Hospital, Chiba

15. The relationship between peripheral artery disease and arthroplasty of lower extremities

Fumiaki Inori

Dept. of Orthop. Surg., Saiseikai Nakatsu Hosp., Osaka

16. The incidence of detection of DVT and PE by multi detector row CT in total hip arthroplasty

Kenji Fukunaga

Dept. of Orthop. Surg. Osaka City Univ. Graduated School of Medicine, Osaka

17. BMD around the knee between trabecular metal and cemented tibial component

Yukihide Minoda

Dept. of Orthop. Surg., Osaka City Univ. Graduate School Medicine, Osaka

18. The operative treatment for osteonecrosis of the knee -The indication and clinical results of TKA, UKA, HTO, and autologous osteochondral transplantation-

Mitsuhiko Kubo

Department of Orthopaedic Surgery, Shiga University of Medical Science, Shiga

19. Mid-term clinical results of alumina medial-pivot total knee arthroplasty

Takahiro Iida

Department of Orthopaedic Surgery, Osaka City General Hospital, Osaka



20. Deformation and movement of meniscus: 3-D MRI analysis during knee flexion-normal and horizontally torn meniscus

Hiroshi Amano

Dept. of Orthop. Surg., Toyonaka Municipal Hospital., Osaka

21. Histological assessment of ACL femoral attachment area

Takehiko Iwahashi

Dept. of Orthop. Surg., Kinki Central Hosp., Osaka

22. A new femoral fixation technique to reduce bone tunnel enlargement in anterior cruciate ligament reconstruction with autologous hamstring tendon grafts

Jun Sasahara

Dept. of Orthop. Surg., Univ. of Teikyo, Tokyo

23. Efficacy of patient-controlled analgesia following surgery for rheumatoid spondylitis and evaluation of pain detection threshold in rheumatoid arthritis patients.

Yoichiro Nishi

Dept. of Orthop. Surg., Shiga Univ. Med. Sci., Otsu

24. Study of clinical pathway for aged patients undergoing cervical operation

Hiroaki Yamaoka

Dept. of Orthop. Surg., Shiga Univ. Med. Sci., Otsu

25. Clinical characteristics of cervical myelopathy complicated with diabetic neuropathy

Takanori Saito

Dept. of Orthop. Surg., Kansai Medical University Takii Hosp., Osaka

26. Clinical outcome of laminoplasty for myelopathy caused by cervical disc herniation

Yusuke Akaoka

Dept. of Orthopaedic Surgery, Shinshu University School of Medicine, Nagano

27. Evaluation of dysphagia caused by ossification of anterior longitudinal ligament (OALL) of cervical spine

Hidetomi Terai

Dept. of Orthop. Surg., Osaka City Univ. Graduate School of Medicine, Osaka

28. Anterior floating method for OPLL of cervical spine

Koji Kanzaki

Dept. of Orthop. Surg., Showa Univ., Fujigaoka Hosp., Yokohama

29. Spinal nerve root herniation into a traumatic pseudo meningocele associated with spondylolysis

Seiichi Odate

Department of Orthopaedic Surgery, Gakkentoshi Hospital, Kyoto

30. Minimally invasive TLIF for degenerative lumbar spondylolisthesis in elderly patients

Taketoshi Kushida

Department of Orthopaedic Surgery, Kansai Medical University, Osaka

31. Results of surgery for spinal metastasis in patients with a short survival

Yasuo Saruhashi

Dept. of Orthop. Surg., Shiga Univ. Med. Sci., Otsu



32. Clinico-pathological features of surgically treated spinal cord tumors in children less than 15 years old

Kanji Mori

Dept. of Orthop. Surg., Shiga Univ. of Med. Sci., Shiga

33. Congenital unilateral upper limb muscular hypertrophy associated with contracture of anextrinsic extensor tendon

Tomohiro Hirata

Dept. of Orthop. Surg., Shiga University of Medical Science, Shiga

34. Experience of a difficult case of congenital clubfoot after conservative therapy

Chika Mizuno

Dept. of Orthop. Surg., Mutsu General Hospital, Aomori

35. Conservative treatment for children with supracondylar humeral fractures entailing collar and cuff immobilization

Akira Kondo

Dept. of Orthop. Surg., Kainan Hosp., Aichi

36. A new 3D-fit anatomical plate for clavicle fracture

Takafumi Hiranaka

Department of Orthopedic Surgery, Takatsuki General hospital, Osaka

37. Consecutive three cross-leg flaps for lower leg reconstruction of Gastilo type III C open fracture: A case report

Kazufumi Sano

Department of Orthopaedic Surgery, Dokkyo Medical University Koshigaya Hospital, Saitama

38. Clinical evaluation of orthopaedic day surgery in our general hospital

Yoshihisa Yatabe

Department of Orthopaedic Surgery, Moriya Daiichi Hospital, Ibaraki

39. Minimum twenty-year follow-up results of tumor endoprosthesis for the distal femoral osteosarcoma: Report of five cases

Toshihisa Osanai

Dept. of Orthop. Surg., Yamagata Univ. Hosp., Yamagata