

Day1・Poster Area(PACIFICO YOKOHAMA, Exhibition Hall 1F Exhibition Hall A)

Poster 1 Humerus, forearm
(14:30~15:00)

Chair: Y. Kobayashi

- 1-Po1-1 Postoperative Malrotation of Humeral Shaft Fracture after Intramedullary Nailing: A Case Report S385
The Dept. of Orthop. Surg. of National Hosp. Organization Tokyo Medical Center, Tokyo, Japan
Ryosuke Tsujisaka
- 1-Po1-2 A case of humeral shaft fracture with radial nerve palsy due to the high energy injury S385
Orthop., Ehime Prefectural Central Hosp., Ehime, Japan Kei Morizane
- 1-Po1-3 Breakage of all distal screws after surgical treatment with locking plate fixation for nonunions of proximal humeral fracture S386
Kyoto Shimogamo Hosp., Kyoto, Japan Takaaki Shirai
- 1-Po1-4 Ender nailing for distal-third diaphyseal metastatic fracture of humerus ; a case report S386
Dept. of Orthop. Surg., Miyazaki Prefectural Miyazaki Hosp., Miyazaki, Japan Sanshiro Inoue
- 1-Po1-5 Bilateral Atypical Ulnar Diaphyseal Fractures Associated With Prolonged Bisphosphonate Therapy:A Case Report S387
Yamanashi Prefectural Central Hosp., Yamanashi, Japan / Dept. of Orthop. Juntendo Univ. Faculty of Medicine, Tokyo, Japan Yuka Kukihara
- 1-Po1-6 Volar locking plate fixation for distal one-third diaphyseal radius fracture in children S387
The Dept. of Orthop., Juntendo Urayasu Hosp., Chiba, Japan Kohei Aoki

Poster 2 Spinal trauma / Pathological fractures

(15 : 00~15 : 30)

Chair: S. Katsuo

- 1-Po2-1 A Case report :Undiagnosed cervical dislocation fracture with diffuse idiopathic skeletal hyperostosis S388
Naruo Orthop. Hosp. Shogo Tahata
- 1-Po2-2 Spinal flexion in the lateral decubitus position was useful for the treatment of Chance fracture with diffuse idiopathic osteophytosis and the severe obesity: A case report S388
Nagoya City Univ., Nagoya, Japan Kento Yamamoto
- 1-Po2-3 Treatment of Spine Fracture in Diffuse Idiopathic Skeletal Hyperostosis using Balloon Kyphoplasty and Penetrating Endplate Screw :A Case Report..... S389
Dept. of Orthop. Surg., Kohsei Chuo General Hosp., Tokyo, Japan Homma Tomoyasu
- 1-Po2-4 A case of atypical femoral insufficiency fracture with severe curvature treated by intramedullary nail with corrective osteotomy S389
Orthop. Dept., Tokyo Metropolitan Bokutoh Hosp. Shinsuke Sato
- 1-Po2-5 A case report, multiple operative treatment needed due to nonunion of subtrochanteric pathological fracture of multiple myeloma S390
Ibaraki Prefectual Central Hosp. Hidetoshi Naganuma
- 1-Po2-6 Complication of fragility fracture of the femoral neck and Brown tumor of the femoral shaft due to ectopic parathyroid adenoma: A case report S390
Dept. of Orthop. Surg., Juntendo Shizuoka Hosp., Shizuoka, Japan Ken Tashiro

Poster 3 Pelvis, femur

(15 : 05~15 : 35)

Chair: A. Hanabayashi

- 1-Po3-1 Test-retest reliability of iliosacral screw corridor measurement using reconstruction CT scans by orthopaedic fellow surgeons S391
The Dept. of Orthop. Surg., Tokyo Metropolitan Tama Medical Center, Japan Ryota Ide
- 1-Po3-2 Clinical results of acetabular fracture management with the Iliofemoral approach S391
Dept. of Orthop. Trauma Reconstruction Center, Josukai Imamura Hosp., Saga, Japan Yasuhiro Kojima
- 1-Po3-3 A case report of pediatric bilateral femoral neck fracture caused by epileptic seizure S392
Dept. of Orthop. Surg., Otsu Red Cross Hosp., Shiga, Japan Takashi Honjo
- 1-Po3-4 Ipsilateral trochanteric fracture after treatment of retrograde femoral nail S392
Emergency Surg., Sakai Medical Center, Sakai, Japan Keisuke Tanaka
- 1-Po3-5 Case report: 2 cases of iatrogenic fractures during ORIF for intertrochanteric fracture S393
Dept. of Orthop. Surg., Minoh City Hosp., Osaka, Japan Koji Katoh
- 1-Po3-6 Pseudoaneurysm of superior gluteal artery caused by intertrochanteric femoral fracture : a case report S393
Dept. of Orthop. Surg., Nishi Chita General Hosp., Aichi, Japan Toru Imai

Poster 4 Proximal femoral fractures (1)

(15 : 35~16 : 05)

Chair: K. Nakayama

- 1-Po4-1 A case of ipsilateral femoral neck fracture after long-term placement of an intramedullary femoral nail S394
Honjo-General Hosp. Takashi Hasegawa
- 1-Po4-2 Femoral neck fracture in children, a case report S394
Hankai Hosp., Osaka, Japan Takashi Omi
- 1-Po4-3 Evaluation of peri-stem bone response of after bipolar hemiarthroplasty for femoral neck fracture S395
Dept. of Orthop. Surg. Toho Univ. Sakura Medical Center Keiichiro Yamamoto
- 1-Po4-4 Clinical results of proximal femoral fracture in patients over 90 years old S395
Dept. of Orthop. Surg., Omoromachi Medical Center, Naha City, Japan Kazuhiro Okuda
- 1-Po4-5 The comparison of clinical results about TFNA cement augmentation and CM nail for unstable femoral trochanteric fracture S396
Saiseikai Kyoto Hosp., Kyoto, Japan Shun Fujii
- 1-Po4-6 Improving elderly hip fracture outcomes with integrated orthogeriatric care S396
Fujita Health Univ., Aichi, Japan Keisuke Nishimoto

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(15 : 40~16 : 10)

Chair: S. Nagao

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1-Po5-2	Withdrawn	S397
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	Dept. of Orthop. Surg., Tokushima Prefectural Kaifu Hosp., Tokushima, Japan	Hayato Hamaguchi
1-Po5-4	A case report of surgical treatment using the Hinged External Fixator for coronal shear fracture	S398
	Mitsuwadai General Hosp.	Shinya Furukawa
1-Po5-5	Withdrawn	S399
1-Po5-6	Four cases of distal humeral coronal shear fracture classified as Dubberley 2B/3B	S399
	The Dept. of Orthop. Surg., Komaki City Hosp.	Tetsushi Yuguchi

Poster 6 Open fractures / Severe soft tissue injuries

(16 : 10~16 : 40)

Chair: Y. Yoshikawa

- 1-Po6-1 A case of lumbar artery injury associated with multiple fractures due to high-energy trauma S400
The Dept. of Orthop. Surg., The Tosei General Hosp., Aichi, Japan Yoshihiro Kanda
- 1-Po6-2 Ankle arthrodesis using antegrade intramedullary nail for ankle open fracture S400
Osaka General Medical Center, Osaka, Japan Nobumasa Matsumura
- 1-Po6-3 Morel-Lavallee lesion with multiple injuries including spinal and pelvic fracture S401
Dept. of Orthop., Kitasato Univ., Kanagawa, Japan Tadashi Kawamura
- 1-Po6-4 A case of multiple trauma with severe knee joint injury leading to femoral amputation S401
Dept. of Advanced Emergency Medical Service Center, Yokohama City Univ. Medical Center Kento Usui
- 1-Po6-5 Bone Transport Combined with an External Fixator and a Locking Plate for Segmental Bone Defect of the Tibia: A Case Report S402
Orthop. Dept., Misawa City Hosp., Aomori, Japan Shuya Nohmi
- 1-Po6-6 The Masquelet technique for postoperative septic arthritis of DIP joint: a case report S402
Dept. of Orthop. Surg. and Sport Medicine, Kawasaki Medical School, Okayama, Japan Takahiro Miki

Poster 7 Femur

(16 : 15~16 : 45)

Chair: K. Tada

- 1-Po7-1 Treatment of infant femur diaphyseal fractures S403
Kumamoto Chuou Hosp., Kumamoto, Japan Kazutoshi Sasaki
- 1-Po7-2 A case report of pediatric subtrochanteric fracture of the femor that was difficult to treat due to COVID 19 S403
Dept. of Orthop. Surg., Hiroshima City Asa Citizens Hosp. Hiroaki Murakami
- 1-Po7-3 Results of treatment of femoral diaphyseal fractures performed in the side lying position at our hospital S404
Dept. of Orthop. Surg., Fujigaoka Hosp., Showa Univ., Yokohama, Japan Keiji Okamoto
- 1-Po7-4 Osteosynthesis with bone grafting for atypical femoral fracture in a patient with bone metastasis of breast cancer receiving denosumab therapy:
A case report S404
The Dept. of Orthop. Surg., Takatsu General Hosp., Kanagawa, Japan Taiki Yasukawa
- 1-Po7-5 Sciatic nerve injury associated with the femoral shaft fracture S405
Senri Critical Care Medical Center, Saiseikai Senri Hosp., Osaka, Japan Sato Shuho
- 1-Po7-6 Clinical study for intertrochanteric hip fracture in schizophrenic patients S405
Gunma UNIV. HOSP. Shuhei Hagiwara

Poster 8 Proximal femoral fractures (2)

(16 : 45~17 : 15)

Chair: A. Fujie

- 1-Po8-1 Subtrochanteric femoral fracture early after fixation of femoral neck fracture with Prima Hip Screw S406
The Dept. of Orthop. Surg., Karatsu Red Cross Hosp., Karatsu, Japan Takahiro Inoue
- 1-Po8-2 A study for head element position of TFNA long nail S406
Dept. of Orthop. Surg., Higashisumiyoshi Morimoto Hosp., Osaka, Japan Yuichiro Shirakawa
- 1-Po8-3 Investigation of cases of proximal femur fractures transported to our critical care center S407
Dept. of Emergency, Disaster and Critical Care Medicine, Hyogo Medical Univ., Nishinomiya, Japan Atsushi Miyawaki
- 1-Po8-4 What makes hospital stay long in hip fracture patients?:
logistic regression analysis for 101 patients S407
Iizuka Hosp., Fukuoka, Japan / Dept. of Orthop. Surg., Miyazaki Prefectural Miyazaki Hosp., Miyazaki, Japan Sanshiro Inoue
- 1-Po8-5 Benefit of internal medicine support for patients with proximal femoral fractures S408
Dept. of Orthop. Surg., Hiroshima City Asa Citizens Hosp., Hiroshima, Japan Hiroaki Murakami
- 1-Po8-6 ERP approach treatment results of BHA for femoral neck fracture S408
Japanese Red Cross Wakayama Medical Center Takeshi Furukawa

Poster 9 Fractures around the elbow (2)

(16 : 50~17 : 20)

Chair: D. Yamauchi

- 1-Po9-1 Humeral capitulum fractures, 4 case report S409
Yamagata City Hosp. SAISEIKAN Hidetatsu Tanaka
- 1-Po9-2 85 years old case of total elbow arthroplasty for a crushed fracture of the distal end of the left arm S409
Keiyu Orthop. Hosp., Gunma, Japan Keio Ayabe
- 1-Po9-3 Medial condyle fracture of the humerus in adults: a case report S410
Kurosu Hosp., Tochigi, Japan Morimitsu Takai
- 1-Po9-4 Ipsilateral Occult fracture of capitellum and monteggia equivalent lesion in adult. A case report S410
Orthop. Surg., Extremity Trauma Care Center, Osaka General Medical Center, Osaka, Japan Tatsuji Fujiwara
- 1-Po9-5 A case of shear fracture of the proximal ulna S411
Sanda City Hosp. Hyuma Kondo
- 1-Po9-6 Avulsion fracture of the supinator crest of the diaphyseal ulna complicated by radial head fractures S411
Kitakyushu General Hosp., Fukuoka, Japan Naoto Kamimura

Poster 10 Nonunion

(17 : 20~17 : 50)

Chair: S. Lee

- 1-Po10-1 Simultaneous ipsilateral nonunion of femur and tibia after intramedullary nail: A case report S412
Shizuoka City Shizuoka Hosp., Dept. of Orthop. Surg. Tomokazu Sawada
- 1-Po10-2 Eight-plate epiphysiodesis for the treatment of pediatric post fracture limb length discrepancy S412
Dept. of Orthop. Surg., Kagoshima City Hosp., Kagoshima, Japan Ayumi Amatatsu
- 1-Po10-3 Radioscapholunate fusion with volar locking plate and Darrach procedure for infected nonunion of distal radius fracture: A case report S413
Fujiseikeigeka Hosp., Fuji, Shizuoka, Japan Takaki Kitamura
- 1-Po10-4 Joint preserving osteotomy for post-traumatic malunion, nonunion and osteoarthritis S413
Dept. of Traumatology, FUKUSHIMA Medical Univ./Trauma & Reconstruction Center, Southern TOHOKU General Hosp. Shota Harada

Day2・Poster Area(PACIFICO YOKOHAMA, Exhibition Hall 1F Exhibition Hall A)

Poster 11 Clavicle, scapula (1)

(9 : 30～10 : 00)

Chair: H. Onoue

- 2-Po11-1 Involvement of osteoporosis in clavicle fracture S414
Orthop. Surg., Sakai Medical Center, Sakai, Japan Ikko Ohno
- 2-Po11-2 Surgery for scapula spine fracture S414
Hiura Hosp. Nagasaki City, Nagasaki Prefecture, Japan Takeshi Hiura
- 2-Po11-3 Two cases of double clavicle fracture with rib fracture S415
Dept. of Orthop. Surg., Sakai City Medical Center, Osaka, Japan Azumi Hisano
- 2-Po11-4 Operative treatment of scapula fractures S415
Yokohama City Univ. Medical Center AltitudeEmergency And Critical Care Medical Center, Kanagawa, Japan Ayaki Todoroki
- 2-Po11-5 A case of glenoid fracture requiring multiple operations with difficult treatment S416
Orthop. Surg., Sanmu Medical Center, Chiba, Japan Daisuke Hashiba

Poster 12 Fragility fracture

(10 : 05～10 : 35)

Chair: S. Hashimoto

- 2-Po12-1 Periprosthetic femoral fracture -transvers fracture around stem tip - S416
Dept. of Orthop., Traumatology & Spine Surg., Kawasaki Medical School, Kurashiki, Japan Kazuhiro Ohnaru
- 2-Po12-2 Osteoporosis and Polypharmacy S417
Dept. of Orthop. Surg., Univ. of Tsukuba Hosp., Ibaraki, Japan Ayako Uchida
- 2-Po12-3 Experience in the treatment of pelvic fragility fractures in the elderly with transiliac rod and screw fixation S417
Orthop. Dept., Japanese Red Cross Kobe Hosp., Hyogo Takahiko Ishimaru
- 2-Po12-4 Association between early postoperative nutritional status and postoperative walking ability in patients with proximal femoral fracture : a prospective cohort study S418
Dept. of Orthop. Surg., Teikyo Univ. School of Medicine / Trauma and Reconstruction Center, Teikyo Univ. School of Medicine Yuta Sakamaki
- 2-Po12-5 A case of femoral diaphyseal fracture after spinal cord injury due to impingement of heterotopic ossification around the hip joint S418
Dept. of Orthop. Surg., Univ. of Toyama Toshihito Hiraiwa
- 2-Po12-6 A case report, rate onset insufficiency fracture of ilium after primary total hip arthroplasty S419
Ibaraki Prefectural Central Hosp. Hidetoshi Naganuma

Poster 13 Clavicle, scapula (2)

(10 : 40~11 : 10)

Chair: S. Senma

- 2-Po13-1 Treatment results at our hospital where osteosynthesis was performed using a stryker VariAx clavicle hook plate for a fracture of the distal clavicle S419
Kashibaseiki Hosp. Hiroyuki Takeuchi
- 2-Po13-2 Osteosynthesis of the proximal clavicle fracture with clavicle Hook plate : a case report S420
Dept. of Orthop. Surg., Hiroshima Kyoritsu Hosp., Hiroshima, Japan Kazuyoshi Doi
- 2-Po13-3 Distal clavicle fracture (Craig-Takubo type 5) Treated with the Syndesmosis TightRope: Case Report S420
Minoh City Hosp., Osaka, Japan Koji Shibano
- 2-Po13-4 Results of Surgical Treatment of Distal Clavicle Fracture S421
Dept. of Orthop., Kanazawa Hosp., Yokohama, Japan Takahiro Mori
- 2-Po13-5 Delayed Brachial Plexus Palsy after Clavicular Fracture S421
North Sendai Orthop. Clinic Shinjiro Miura

Poster 14 Femoral fractures and related issues

(11 : 15~11 : 45)

Chair: T. Morishita

- 2-Po14-1 Polyaxial locking plate osteosynthesis of periprosthetic femoral fractures above total knee arthroplasty S422
Dept. of Orthop. Surg., National Hosp. Organization Saitama Hosp., Saitama, Japan Yuki Yoshida
- 2-Po14-2 Double locking plate fixation for the distal femur fractures: two case reports S422
Dept. of Orthop. Surg., Kochi Medical School, Kochi Univ., Kochi, Japan Yoshinori Satake
- 2-Po14-3 Surgical device for infra-ithmal fracture of femur after TKA with long-term use of bone resorption inhibitor S423
Dept. of Orthop. Surg., Hirose Hosp., Takamatsu, Japan Akira Isaka
- 2-Po14-4 Ender nail treatment for floating Knee Fracture after femoral trochanteric fracture osteosynthesis S423
Sapporo Central Hosp., Sapporo, Japan Wataru Hatanaka
- 2-Po14-5 A case of intra-articular hematoma after intra-articular migration of broken cerclage wire of patella fracture S424
Dept. of Orthop. Surg., Local Independent Administrative Institution, Mie Prefectural General Medical Center Takuya Kakimoto
- 2-Po14-6 Application of mini-fragment plates to fracture surgery other than hand and foot S424
Tokyo Metropolitan Tama Medical Center Toru Iga

Poster 15 Foot

(13 : 30~14 : 00)

Chair: H. Ikezawa

- 2-Po15-1 Optimal length and direction of sustentaculum tali screw with ALPS MIS LC plate analyzed by CT S425
Dept. of Orthop. Surg., Komaki City Hosp. Go Sakai
- 2-Po15-2 Four cases of beak fractures of the calcaneus using the suture bridge technique S425
Orthop. Surg., Karatsu Redcross Hosp., Saga, Japan Yuta Doi
- 2-Po15-3 Surgical treatment with suture bridge technique for Achilles tendon attachment avulsion fracture with gouty nodule S426
Fukuoka Orthop. Hosp. Fuyuki Tominaga
- 2-Po15-4 A case of calcaneal beak fracture fixed with a mesh plate achieving early gait recovery S426
Tokyo Metropolitan Tama Medical Center Hironori Kuroda
- 2-Po15-5 Knack and Pitfalls of locking plate fixation with sinus tarsi approach for Calcaneal fracture S427
Dept. of Traumatology, Fukushima Medical Univ., Fukushima, Japan / Trauma & Reconstruction Center, Southern TOHOKU General Hosp. Motoyuki Takaki

Poster 16 Distal radius

(14 : 05~14 : 35)

Chair: K. Kawamura

- 2-Po16-1 A case of combined scaphoid fracture and distal radius fracture caused by high energy trauma S427
The Dept. of Orthop. Surg., Univ. of Tokyo Medical, Tokyo, Japan Tsunehiro Matsuoka
- 2-Po16-2 Ulnar lunate fossa fracture of the distal radius: a report of 3 cases S428
Sakai City Medical Center, Osaka, Japan Toshiyuki Kataoka
- 2-Po16-3 Outcome of treatment of distal radius fractures with the Stellar D plate system S428
Dept. of Orthop. Surg., Nishinomiya Kyoritsu Neurosurgical Hosp. Kengo Tani
- 2-Po16-4 Comparative evaluation of fracture risk in patients with distal radius fractures S429
Dept. of Orthop. Surg., Yokohama Ekisaikai Hosp., Yokohama, Japan / Dept. of Orthop. Surg., Yokohama City Univ., Yokohama, Japan Tetsuya Yamori
- 2-Po16-5 Evaluation of trabecular bone score in patients with a distal radius fracture S429
Orthop. Surg., Kosei Hosp. Hideto Maruno
- 2-Po16-6 Treatment of distal radial fractures with horizontal traction S430
The Dept. of Orthop. Surg., Ibaraki Seinan Medical Center Hosp., Ibaraki, Japan Harumitsu Ichimura

Poster 17 Ankle

(14 : 40~15 : 10)

Chair: T. Yoshida

- 2-Po17-1 Medial malleolus fracture associated with Achilles tendon rupture :
A case report S430
Yaizu City Hosp., Shizuoka, Japan / Sannraku Hosp. Masanori Shichijo
- 2-Po17-2 Short-term results of internal fixation using suture tape for ankle fractures
with avulsion fractures of the Tillaux-Chaput tuberosity S431
The Dept. of Orthop. Surg., Otaru Saiseikai Hosp., Otaru, Japan Takafumi Ohshima
- 2-Po17-3 Fixation method in distal tibial oblique osteotomy (DTOO) for post traumatic
osteoarthritis of the ankle S431
The Trauma Center of Teikyo Univ., Tokyo, Japan Ion Kimura
- 2-Po17-4 A case of Logsplitter type ankle dislocation fracture S432
Koyamakinen Hosp., Ibaraki, Japan Tomohiro Watanabe
- 2-Po17-5 Bosworth fracture dislocation of the ankle S432
Kamiida Daiichi General Hosp., Aichi, Japan Fumiki Kondo

Poster 18 Maniphalanx and carpus

(15 : 15~15 : 50)

Chair: Y. Imaizumi

- 2-Po18-1 Traumatic Axial-ulnar Dislocation of the Carpus; A Case Report S433
Dept. of Orthop. Surg., Sakai City Medical Center Tadashi Kameyama
- 2-Po18-2 Investigation of surgical treatment of lunate and perilunate dislocation S433
Emergency Trauma Center, Saitama Medical Center, Saitama, Japan Kei Hara
- 2-Po18-3 A case of divergent dislocation of the carpometacarpal joints with carpal
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Funbashi Municipal Medical Center, Chiba, Japan Takeru Ohara
- 2-Po18-4 Withdrawn S434
- 2-Po18-5 Repair of Avulsion Fractures of the Extensor Carpi Radialis Longus with
Knotless Anchor S435
Dept. of Orthop. Surg., Otemae Hosp., Osaka, Japan Takuya Nishino
- 2-Po18-6 A case of metacarpophalangeal joint dislocation with metacarpal fracture of
middle finger S435
The Dept. of Orthop., Kitaharima Medical Center, Hyogo, Japan Yu Inoue
- 2-Po18-7 A case of completely reversed avulsion fracture of collateral ligament in
metacarpal head S436
Dept. of Orthop. Surg. and Hand Surg. Center, International Goodwill Hosp. Keita Tokieda

Poster 19 Lower leg fractures

(15 : 55~16 : 25)

Chair: K. Uenaka

- 2-Po19-1 Treating markedly dislocated fibula head fracture with knee joint instability S436
Dept. of Traumatology, FUKUSHIMA Medical Univ., Trauma & Reconstruction Center, Southern TOHOKU General Hosp., Fukushima, Japan Kunihiko Arakawa
- 2-Po19-2 Proximal tibial epiphysis fracture: a case report S437
Matsue City Hosp. Toshiaki Aoki
- 2-Po19-3 Surgical approach using ultrasound for avulsion fracture of the tibial attachment of the posterior cruciate ligament S437
The Dept. of Orthop., Tosei General Hosp., Aichi, Japan Naoya Imura
- 2-Po19-4 Hyperextension bicondylar tibial plateau fracture: a case report S438
Japanese Red Cross Aichi Medical Center Nagoya Daini Hosp., Aichi, Japan Masatoshi Haruta
- 2-Po19-5 Usefulness and Problems of Anterolateral Approach for Fractures around the Ankle Joint S438
Orthop. Dept., Misawa City Hosp., Aomori, Japan Shuya Nohmi
- 2-Po19-6 A case of Maisonneuve fracture with syndesmosis reconstructed with two suture buttons, anterior inferior tibiofibular ligament repaired and reinforced with suture tape S439
Tanigawa Memorial Hosp., Ibaraki, Japan Rei Morikura