

Program

November 10

Venue: Main theater (lecture hall 3)

8:25 - 8:30 Opening ceremony

8:25 - 8:30 **Opening remarks** (Toshiyasu Nakamura)

8:30 - 10:45 Symposium distal radius

Moderators: Guillaume Herzberg, Junya Imatani

8:30 - 8:38 **Junya Imatani**
"Anatomy and characteristics of volar distal radius"

8:40 - 8:48 **Greg Bain**
"Anatomy of the distal radius"

8:50 - 8:58 **Guillaume Herzberg**
"Lyon Wrist Score"

9:00 - 9:08 **Yusuke Matsuura**
"FEM evaluation of Smith's fracture mechanism by falling on the palm of the hand"

9:10 - 9:13 **Jeff Ecker**
"Surgical Technique: Arthroscopic Reduction of the Distal Radius"

9:20 - 9:28 **Joo-Yup Lee**
"Intentional Distraction Volar Plate Fixation for Distal Radius Fractures"

9:30 - 9:38 **Keikichi Kawasaki**
"Polyaxial locking plate fixation for distal radius fracture including marginal fracture"

9:40 - 9:48 **Koji Moriya**
"Therapeutic Strategy of Intra-Articular Comminuted Fractures of Distal Radius with the Volar Lunate Facet Fragment"

9:50 - 9:58 **Denju Osada**
"Treatment of Distal Radius Fractures Using Mono-axial Type Volar Locking Plate System"

10:00 - 10:08 **Jeff Ecker**
"Tendon Rupture After Distal Radius Fracture"

10:10 - 10:18 **Mark Ross**
"The Vascularized Dorsal Periosteal Curtain for corrective osteotomy of the distal radius"

10:20 - 10:28 **Shan-lin Chen**
"Topographic matching of distal radius and proximal fibula articular surface for distal radius osteoarticular reconstruction"

10:30 - 10:45 **Discussion**

10:45 - 11:00 Coffee break

11:00 - 12:00 Invited lecture

Moderator: Toshiyasu Nakamura

11:00 - 11:30 **Guillaume Herzberg**

"Arthroscopic management for intraarticular distal radius fracture"

11:30 - 12:00 **Yukio Abe**

"PART method: arthroscopic treatment for intraarticular distal radius fracture"

12:00 - 13:00 Lunch Go to Exhibitors' Booths

12:00 - 13:00 APWA executive board meeting

13:00 - 14:35 Symposium Kienbock

Moderators: Greg Bain, Masahiro Tatebe

13:00 - 13:08 **Greg Bain**

"Etiology of Kienbock disease"

13:10 - 13:18 **Greg Bain**

"A treatment algorithm for Kienbock disease"

13:20 - 13:28 **Guillaume Herzberg**

"Kienböck"

13:30 - 13:38 **Sayuri Arimitsu**

"Partial capitate shortening for Kienböck disease"

13:40 - 13:48 **Shohei Omokawa**

"Arthroscopic Treatment for Kienböck's Disease"

13:50 - 13:58 **Masahiro Tatebe**

"Radial shortening and radial closing wedge osteotomy for Kienböck disease"

14:00 - 14:08 **Joo-Yup Lee**

"Vascularized Pisiform Transfer for Advanced Kienbock's Disease"

14:10 - 14:18 **Keiichi Murata**

"Treatment of Kienböck's disease using a vascularized pedicle bone graft"

14:20 - 14:35 **Discussion**

15:00 - 15:45 Perilunate injury

Moderator: Shanlin Chen

- 15:00 - 15:10 **Guillaume Herzberg**
"PLIND"
- 15:12 - 15:22 **Bo Liu**
"Arthroscopic treatment for lunate and perilunate dislocations"
- 15:24 - 15:30 **Eiko Yamabe**
"Closed reduction and percutaneous pinning for perilunate fracture dislocations"
- 15:30 - 15:45 **Discussion**

15:45 - 16:00 Coffee break

16:00 - 17:45 Symposium TFCC/DRUJ diagnostic

Moderators: PC Ho, Toshiyasu Nakamura

- 16:00 - 16:08 **Makoto Tamai**
"Revised Ligamentous Anatomy of the Wrist Joint Capsule"
- 16:10 - 16:18 **Toshiyasu Nakamura**
"Surgical Anatomy of the TFCC"
- 16:20 - 16:28 **Toshikazu Tanaka**
"High resolution MRI for diagnosis of TFCC injuries"
- 16:30 - 16:38 **Hisao Moritomo**
"Computed Tomography Arthrography for TFCC diagnosis"
- 16:40 - 16:48 **Toshiyasu Nakamura**
"New Arthroscopic Classification of TFCC injuries"
- 16:50 - 16:58 **Joo-Yup Lee**
"Interpretation of Ulnocarpal Stress Test in Different Forearm Rotation"
- 17:00 - 17:08 **Michiro Yamamoto**
"DRUJ arthroscopy"
- 17:10 - 17:18 **PC Ho**
"Clinical examination of the DRUJ: 5 level approach"
- 17:20 - 17:28 **Jeff Ecker**
"Dry Arthroscopic Repair of the Triangular Fibrocartilage"
- 17:28 - 17:45 **Discussion**
- 18:00 **Departure for Congress dinner**

9:00 - 10:45 Free paper TFCC**Moderators:** Wendong Xu, Michiro Yamamoto

- 9:00 - 9:06 **Yong-Cheol Park**
"Arthroscopic Probing of Distal Radioulnar Joint : Assessment of the Quality of Repair for Triangular Fibrocartilage Complex Fovea Tear"
- 9:08 - 9:14 **Michael Boland**
"Arthroscopic Assessment of Distal Radioulnar Joint Laxity- The Push and Probe Manoeuvre"
- 9:16 - 9:22 **Michael Boland**
"Instability of the Distal Radioulnar Joint"
- 9:24 - 9:30 **Michael Boland**
"Proximal partial thickness tears of the ulnocarpal articular disc"
- 9:32 - 9:38 **Sayuri Arimitsu**
"Tenodesis of the ulno-triquetrum ligament for the foveal tear of triangular fibrocartilage complex"
- 9:40 - 9:46 **Atsuo Shigi**
"Tenodesis of the Ulnotriquetral Ligament for the Triangular Fibrocartilage Complex Foveal Tear: A Biomechanical Study"
- 9:48 - 9:54 **JuiTien Shih**
"Arthroscopic fovea repair with suture anchor for young adult triangular fibrocartilage complex tear"
- 9:56 - 10:02 **Takamasa Shimizu**
"Identification of Prognostic Factor in the Treatment of Open Repair for Triangular Fibrocartilage Complex foveal avulsion"
- 10:04 - 10:06 **Huawei Yin**
"Comparison between 3.0T MRI and arthroscopy in the classification diagnosis of triangular fibrocartilage complex injuries"
- 10:06 - 10:45 **Discussion**

10:45 - 11:00 Coffee break**12:00 - 13:00 Lunch** Go to Exhibitors' Booths

13:00 - 14:00 Workshop (Arthrex)

Moderators: Toshiyasu Nakamura, Keiji Fujio

13:00 - 14:00 **Toshiyasu Nakamura, Keiji Fujio**
"Wrist arthroscopy and open surgery"

14:15 - 15:05 Hand therapy lecture

Moderator: Mineo Oyama

14:15 - 15:05 **Terufumi Iitsuka**
"Hand therapy for distal radius fractures: Current trends and future prospects in Japan"

15:05 - 16:00 Hand therapy session

Moderators: Seiji Nishimura, Mikayo Ohmori

15:05 - 15:15 **Kazuma Miwa**
"A case of total wrist arthroplasty in patient with Rheumatoid Arthritis"

15:15 - 15:25 **Daichi Narita**
"The therapy using Muenster type Splint for patients with injuries of Triangular Fibrocartilage Complex"

15:25 - 15:35 **Tomomi Yamada**
"The Cause of a Loss of Range of Motion at Wrist and Thumb after Radius and Ulna Fractures: a case study"

15:35 - 15:45 **Makoto Sudo**
"Utilization of a neuroscience-based strategy for acceleration of hand use in a patient with distal radius fracture"

15:45 - 16:00 **Josephine Wong Man-wah**
"Case Sharing in Therapist Session"

16:30 - 17:00 Free paper scaphoid

Moderators: Bo Liu, Keiichi Murata

16:30 - 16:36 **Jong Woong Park**
"Treatment of Unstable Scaphoid Nonunion using a wedge bone graft and Volar Locking Plate"

16:38 - 16:44 **Jae Kwang Kim**
"Corticocancellous bone graft vs cancellous bone graft for the management of unstable scaphoid nonunion"

16:46 - 16:52 **Yang Guo**
"Robot-Assisted of Volar Percutaneous Scaphoid Screw Placement: initial clinical experience"

16:54 - 17:00 **Huawei Yin**
"3-Dimensional Printing Assisted Percutaneous Fixation for Scaphoid Fracture and Scaphoid nonunion"

17:10 - 17:32 Free paper Kienbock

Moderators: MinJong Park, Keiichi Murata

17:10 - 17:16 **Jae Kwang Kim**
"Comparison of Long-Term Outcomes of Radial Osteotomy and Nonoperative Treatment for Kienbock Disease"

17:18 - 17:24 **Wei Tee Sia**
"Preliminary result of Kienbock disease treated with radial shortening osteotomy near the metaphysis, and vascularized bone graft from the volar distal radius"

17:26 - 17:32 **Takeshi Ogawa**
"An outcome of our combination therapy for Kienböck Disease: Bone Marrow Transfusion Using Non-Concentrated Bone Marrow, Low-Intensity Pulsed Ultrasound, and External Fixation"

November 11

Venue: **Main theater (lecture hall 3)**

8:00 - 10:00 ICL: radial side wrist pain

Moderators: Jeff Ecker/Clara Wong/Mark Ross

- 8:00 - 8:07 **Joo-Yup Lee**
"De Quervains, FCR, & proximal distal intersection syndrome"
- 8:10 - 8:17 **Paolo Borelli**
"The Avascular Proximal Pole Nonunion: is there a role for core decompression and biophysical treatment in bone union?"
- 8:20 - 8:27 **Jeffrey Koo**
"Arthroscopic diagnosis of radial wrist pain"
- 8:30 - 8:37 **Greg Bain**
"Scaphoid fracture acute"
- 8:40 - 8:47 **PC Ho**
"Salvage of Failed Arthroscopic Bone Grafting for Recalcitrant Scaphoid Nonunion"
- 8:50 - 8:57 **Keiichi Murata**
"Treatment of Scaphoid Nonunion with Vascularized Bone Graft – Its Indication and Donor Site Selection"
- 9:00 - 9:07 **Bo Liu**
"Scapholunate instability"
- 9:10 - 9:17 **Toshiyasu Nakamura**
"Preiser disease"
- 9:20 - 9:27 **Clara Wong**
"STT and CMC OA"
- 9:30 - 9:37 **Eva Maria Baur**
"ICL: radial side wrist pain, Arthroscopic assisted 4 corner fusion"
- 9:40 - 9:47 **WeiJen Chen**
"Endoscopic excision of dorsal wrist ganglion: From arthroscopic to endoscopic"
- 9:47 - 10:00 **Discussion**

10:00 - 10:30 Interactive Case Discussions

10:45 - 11:00 Coffee break

11:00 - 12:00 Invited lecture

Moderator: Shohei Omokawa

11:00 - 11:30 **Hisao Moritomo**
"Biomechanics of scaphoid fracture non-union"

11:30 - 12:00 **Masao Nishiwaki**
"Biomechanics of distal radius malunion"

12:00 - 13:00 Lunch Go to Exhibitors' Booths

12:00 - 13:00 APWA AGM

13:00 - 14:00 APWA sessions

Moderators: Greg Bain, PC Ho

13:00 - 13:15 **APWA travelling fellows**
"APWA Travelling fellow presentations (5 min each)"

13:00 - 13:05 **Zhixin Wang**
"The Value of MRI in the detection of TFCC injuries"

13:05 - 13:10 **Ziyang Zhang**
"Possible treatment of wrist pain with traditional Chinese Medicine"

13:10 - 13:15 **Lei Zhu**
"The giant cell reparative granuloma of the lunate"

13:15 - 13:30 **Greg Bain**
"Presidential lecture"

13:30 - 14:00 **Toshiyasu Nakamura**
"Journal of Wrist Surgery"

14:00 - 16:45 Symposium TFCC treatments

Moderators: Yukio Abe, Ping-tak Chan

14:00 - 14:08 **Takeshi Egi**
"Simultaneous arthroscopic repair of deep and superficial portions for Atzei class 2 TFCC tear: Prospective one-year follow-up study"

14:10 - 14:18 **Jeffrey Koo**
"Capsular repair for peripheral TFCC injuries"

- 14:20 - 14:28 **Keiji Fujio**
"Arthroscopic inside-out fovea repair"
- 14:30 - 14:38 **Eva Maria Baur**
"TFCC Repair: Long-term follow-up after arthroscopic transosseous refixation"
- 14:40 - 14:48 **Masahiro Tatebe**
"Ulnar shortening osteotomy for TFCC disorders"
- 14:50 - 14:58 **Keiichi Murata**
"Arthroscopically Assisted Specified Limbs Repair (AASLR) for TFCC Foveal Tear with DRUJ Instability: Indication for chronic cases"
- 15:00 - 15:08 **Winglim Tse**
"Arthroscopic tendon reconstruction (for chronic DRUJ instability)"
- 15:10 - 15:18 **Greg Bain**
"Reconstruction of the TFCC using PL tendon graft"
- 15:20 - 15:28 **Toshiyasu Nakamura**
"Repair/Reconstruction of the TFCC"
- 15:30 - 15:38 **Bo Liu**
"Ligament specific TFCC fovea repair"
- 15:40 - 15:48 **Wendong Xu**
"Arthroscopic assisted treatment of distal radius fractures combined with TFCC injuries"
- 15:50 - 15:58 **Margaret Woon Man FOK**
"Management of TFCC tears after distal radius fracture"
- 16:00 - 16:08 **Andrew Chin**
"Degenerative arthritis of the Distal Radio-Ulnar Joint: Total Joint Replacement"
- 16:10 - 16:18 **Ping-tak Chan**
"Prosthetic Replacement of Distal Ulna"
- 16:20 - 16:28 **Jeff Ecker**
"Routine use of a ceramic titanium distal ulnar implant to stabilise the Sauve-Kapandji procedure"
- 16:30 - 16:45 **Discussion**

16:45-17:00 Closing ceremony

- 16:45 - 16:47 **Closing remarks** (Toshiyasu Nakamura)
- 16:47 - 16:50 **Announcing Best abstract award sponsored by Journal of Wrist Surgery**
- 16:50 - 16:55 **Introducing 5th APWA** (Joo-Yup Lee) **Next meeting**
- 16:55 - 17:00 **Introducing 12th JWSW** (Keiichi Murata)
- Meeting adjourn**

8:00 - 10:00 Free Paper Distal radius**Moderators:** Joo-Yup Lee, Koji Moriya

- 8:00 - 8:06 **HsinChuan Chen**
"Volar Carpal Subluxation After Treatment of Distal Radius Fracture, Cases Report and Literature Review"
- 8:08 - 8:14 **HsinChuan Chen**
"Arthroscopic Assisted Reduction and Internal Fixation in Die-punch Distal Radius fracture"
- 8:16 - 8:22 **Jong-Pil Kim**
"Prognostic Factors Affecting Clinical Outcomes of Arthroscopic Assisted Reduction and Volar Plating Through Pronator Quadratus Preservation for Volar Plating of Intra-Articular Distal Radius Fracture"
- 8:24 - 8:30 **Yuichi Yoshii**
"A Comparison of Radiographic Outcomes between 3D Preoperative Planning and Conventional Planning in the Osteosynthesis of Distal Radius Fractures"
- 8:32 - 8:38 **Michael Boland**
"Right-to-left shape differences in the radius"
- 8:40 - 8:46 **Souichi Ohta**
"Measurement of the distance between a line extending along the volar aspect of the radial diaphysis and the lunate rotation center on lateral view X-ray of the wrist"
- 8:48 - 8:54 **Masato Shigi**
"Risk Factor for Postoperative Correction Loss in Patients with Distal Radius Fracture over 50 Years of Age: In Association with Osteoporosis"
- 8:56 - 9:02 **Kentaro Nakayama**
"Surgical strategies for distal radius fractures with dorsal roof fragments"
- 9:08 - 9:14 **Nobuaki Suzuki**
"Opening Wedge Osteotomy to Acute Volar Barton Fracture with the Volar Lunate Facet Fragment"
- 9:16 - 9:22 **Seungho Hyun**
"Postoperative displacement in patients with AO type-C3 intra-articular distal radius fractures with die-punch fragments"
- 9:24 - 9:30 **Margaret Woon Man FOK**
"Carpal Instability Non-Dissociative Following Acute Wrist Fractures"
- 9:32 - 9:38 **Youngran Jung**
"Arthroscopic Resection of a Tenosynovial Giant cell tumor in the Wrist - Two Case Report-"
- 9:40 - 10:00 **Discussion**

10:30 - 11:30 Workshop (Smith & Nephew)

Moderators: PC Ho, Toshiyasu Nakamura

10:30 - 11:30 **PC Ho, Toshiyasu Nakamura**
"Wrist Arthroscopy"

12:00 - 13:00 Lunch Go to Exhibitors' Booths

14:00 - 15:15 Symposium SL ligament

Moderators: Mark Ross, Hiroshi Ono

14:00 - 14:08 **Jeff Ecker**
"Scapholunate Laxity and Instability"

14:10 - 14:18 **Mark Ross**
"The Validity of PRWHE and QuickDASH as Outcome Measures Following Surgery to Treat Scapholunate Ligament Dissociation"

14:20 - 14:28 **PC Ho**
"Arthroscopic Assisted Combined Dorsal and Volar Scapholunate Ligament Reconstruction with Tendon Graft for Chronic SL Instability"

14:30 - 14:38 **Toshiyasu Nakamura**
"Reconstruction of the scapholunate interosseous ligament using bone-capitohamate ligament-bone"

14:40 - 14:48 **Hiroshi Ono**
"Reconstruction of scapholunate interosseous ligament (SLIL) using dorsal intercarpal ligament (DICL) of the wrist"

14:50 - 14:58 **Daisuke Suzuki**
"Radiovolar approach of midcarpal arthroscopy for assessment of dorsal scapholunate interosseous ligament in distal radius fracture"

15:00 - 15:08 **Keiji Fujio**
"Reconstruction for Chronic Scapholunate Dissociation with DIC stabilized by RASL vs SwiveLock as internal splint"

15:08 - 15:15 **Discussion**

15:15 - 15:30 Coffee break

15:46 - 16:45 **Wrist and 1st CMC**

Moderators: YoungKeun Lee, Keiji Fujio

- 15:46 - 15:52 **Jeff Ecker**
"Wrist Pump"
- 15:54 - 16:00 **Yao-Chang Lo**
"Darrach procedure in treating rheumatoid wrist with DRUJ instability and radiocarpal arthritis"
- 16:02 - 16:08 **Mark Ross**
"Resting forearm position and its relevance to the dart thrower's motion"
- 16:10 - 16:16 **Eva Maria Baur**
"Arthroscopic interposition surgery for 1st CMC with autologous fat graft"
- 16:18 - 16:24 **Sanshiro Kawahara**
"Does Intraoperative Thumb Position during Mini TightRope Suspensionplasty Matter? : A Cadaveric Study"
- 16:26 - 16:32 **JuiTien Shih**
"Arthroscopic resectional arthroplasty and soft tissue interposition with internal splint with all-suture anchor for Thumb Carpometacarpal Joint Disease"
- 16:32 - 16:45 **Discussion**

Poster

- #1 **Sreedharan Sechachalam**
"Translunate perilunate injury - a case report"
- #2 **Young Hak Roh**
"Prognostic Factors of Arthroscopic Debridement for Central Triangular Fibrocartilage Complex Tears in Adults Younger than 45 Years: A Retrospective Case Series Analysis"
- #3 **Akira Kawabata**
"Assessment of articular displacement of distal radius fractures treated arthroscopically"
- #4 **Yao Qun**
"Wrist arthroscopy combined with ulnar shortening osteotomy in treatment of ulnar impingement syndrome"
- #5 **Yun-Liang Chang**
"Pin-Plate Construct Fixation For Distal Radius Volar Rim Fracture"