

Program

July 4 Sat

Room 1

8:20 AM

Opening Remarks

8:30AM - 9:40AM

Thematic Session: Dynamic Observation by US

Moderator Kenji Watanabe, Dept of Orthop Surg, Kameda Daiichi Hosp

Moderator Koji Sato, Dept of Orthop Surg, Japanese Red Cross Nagoya Daini Hosp

1) *Dynamic ultrasonographic examination for the diagnosis of Achilles tendon ruptures*

Jun Sasahara, Dept of Orthop Surg, Teikyo Univ

2) *Dynamic ultrasonographic examination for baseball elbow*

Naoto Suzue, Dept of Orthop Surg, Tokushima Univ

3) *The influence that strain of the plantar aponeurosis with the hallux extension gives to the elasticity of the Achilles tendon*

Norio Hayashi, Faculty of Nursing and Rehab, Chubugakuin Univ

4) *Ultrasonographic evaluation for gliding movement of the superficial fascia*

Yoshiaki Murase, East Aoba Orthop Clinic

5) *What does the dynamics of the muscle reflect?*

Shintaro Kudo, Dept of physical therapy, Morinomiya Univ

6) *Validation for the stiffness index of the soft tissue tumor by mean of shear-wave ultrasound elastography*

Hideyuki Goto, Dept of Orthop Surg, Nagoya City Univ

7) *Evaluation of blood flow around pseudoarthrosis by using Doppler ultrasound*

Satoshi Oki, Dept of Orthop Surg, Nasu Red Cross Hosp

The 27th Annual Meeting of the Japanese Society of Orthopedic Ultrasonics

July 4 Sat-5 Sun, 2015 Akita, Japan

学問寛仁 -Paradigm Shift of Orthopedics Diagnosis and Treatment -

Congress President Hiroshi Minagawa

9:50AM - 10:50AM

Keynote Lecture

Moderator Yoshihiro Semoto, Dept of Orthop Surg, Imazu Hosp

Recognizing future potential of MSKUS

Speaker Hideaki Ishida, Dept of Med Gastroenterology, Akita Red Cross Akita Hosp

11:00AM - noon

Session: Ultrasound guided nerve block

Moderator Masao Kurokawa, Dept of Orthop Surg, Saiseikai Suita Hosp

Moderator Kieun Park, Paku Pain Clinic

- 1) *Adding C4 root block makes clavicle fracture surgery painless*

Ryota Kimura, Dept of Orthop Surg, Akita Univ

- 2) *Analgesic effect of the ultrasound-guided brachial plexus block for surgery of the upper extremity: Comparison of techniques between the conventional interscalene block and the double block of brachial plexus*

Masashi Koguchi, Dept of Orthop Surg, Kesennuma City Hosp

- 3) *Small amount of experience on patella fracture surgery with ultrasound-guided peripheral nerve block*

Shinji Nakamura, Dept of Orthop Surg, Kaga City Hosp

- 4) *Onset time of ultrasound-guided regional anesthesia for foot and ankle surgery*

Matsui Tomohiro, Hanna Central Hosp, Sports and Arthroscopy Center

- 5) *Postoperative analgesia after lower extremity surgery: the efficacy of ultrasound-guided nerve block*

Kentaro Ito, Dept of Orthop Surg, Kesennuma City Hosp

- 6) *Ultrasound guided nerve block for lower extremity surgery in elderly patients*

Takeshi Kashiwagura, Dept of Rehab Med, Akita City Hosp

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0:30 PM-1:30 PM

Luncheon Seminar

Moderator Moroe Beppu, Japan Hip Joint Foundation

THE SEIKEI-NAIKA from Oki island !

Speaker Yoshihiko Shiroishi, Oki Dozen Hosp

1:40 PM-2:40 PM

Invited Lecture

Moderator Yasuhito Tanaka, Dept of Orthop Surg, Nara Medical Univ

Applications of Ultrasound in Orthopedic Medicine: Diagnosis and Intervention

Speaker Tyng-Guey Wang, Dept of Physical Med and Rehab, National Taiwan Univ

2:50 PM-3:50 PM

International Symposium

Moderator Hideyuki Goto, Dept of Orthop Surg, Nagoya City Univ

Moderator Yuko Nakashima, Dept of Orthop Surg, Hiroshima Univ

Current Situation of the MSKUS in the World

Speaker 1: *USA*/Ken Inoue, Konica Minolta Healthcare Co Ltd

Speaker 2: *Europe*/Youichi Suzuki, SIEMENS Japan Co Ltd

Speaker 3: *Korea*/Cindy Cha-Young Kim, GE Healthcare Co Ltd

Speaker 4: *Hong Kong*/Kevin K H Wong, Dept of Orthop Surg, Kwong Wah Hosp

Speaker 5: *Taipei*/Chueh-Hung Wu, Dept of Physical Med and Rehab, National Taiwan Univ

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4:00PM - 5:00PM

Evening Seminar

Moderator Masao Kurokawa, Dept of Orthop Surg, Saiseikai Suita Hosp
Diagnosis of the shoulder disorders: MRI vs US 2015

Speaker MRI Ryouji Sashi, Dept of Radiology, Yaesu Clinic

Speaker US Hiroshi Minagawa, Joto Orthop Clinic

5:10PM - 7:00PM

Fireside Talk

Moderator Shu Takahashi, East Aoba Orthop Clinic

Moderator Masashi Matsuzaki, Sonic Japan Co., Ltd.

1. Challenge to the era of smart phone -cutting edge by portable device: Vscan Dual Probe vs Acuson Freestyle

Speaker 1 Naohisa Kamiyama, GE Healthcare Japan Co Ltd.

Speaker 2 Yoichi Suzuki, SIEMENS Japan Co Ltd.

2. New transducer technology is a ultimate spatial resolution come true: SONIMAGE HS1

Speaker Masahumi Ogasawara, KONICA MINOLTA Healthcare Co Ltd

3. Visualization of micro-blood-flow, opening the door of the new world: Superb Micro-vascular Imaging

Speaker Takehumi Sato, TOSHIBA Medical Systems Co Ltd

4. Quantification of soft tissue hardness: Elastography vs Tissue Strain Analytics

Speaker 1 Tsuyoshi Matsumura, HITACHI-ALOCA Medical Co Ltd

Speaker 2 Youichi Suzuki, SIEMENS Japan Co Ltd

5. The latest user-interface seeking for the most user friendly device: Xario & Sonimage HS1

Speaker 1 Yasunori Horie, TOSHIBA Medical Systems Co Ltd

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Speaker 2 Ken Inoue, KONICA MINOLTA Healthcare Co Ltd

6. Shocking new technology making impossible possible

Speaker Kyosuke Irie, Microsonic Co Ltd

Room 2

8:30AM - 10:00AM

Session: upper extremity 1

Moderator Moroe Beppu, Japan Hip Joint Foundation

Moderator Hiroshi Nakajima, N T T Docomo Health Care Center

1) *Water bath method for intradermal foreign body sonographic diagnosis*

Manabu Maeda, Maeda Orthop Clinic

2) *The effectiveness of the ultrasonographic evaluation for confirming the stability of the proximal humeral fracture; two cases report*

Shigeki Ida, Dept of Orthop Surg, Iga City General Hosp

3) *Diagnosis of lunate stress fracture by ultrasonography: a case report*

Fujinuma Wataru, Dept of Orthop Surg, Teikyo Univ

4) *Guyon's canal syndrome caused by aberrant muscle diagnosed by ultrasound : two cases report*

Megumi Hanaka, Dept of Orthop Surg, Sapporo Medical Univ

5) *Is ultrasound examination useful to assess the therapy effect of carpal tunnel release?*

Tsuyoshi Tajika, Dept of Orthop Surg, Gunma Univ

6) *Utility of ultrasonography in diagnosis of tendon injury of the finger: rupture of the left little finger flexor tendon*

Misako Nishimori, Daiichi Rehab Hosp

7) *Sonographic study of stenosing flexor tenosynovitis by using hockey stick type probe*

Makoto Kameyama, Dept of Orthop Surg, Saiseikai Central Hosp

8) *Ultrasound findings of intersection syndrome*

Katsuichi Takekawa, Takekawa Orthop Clinic

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- 9) *Ultrasound findings of pulled elbow: range and shape of abnormal fringe*

Katsuichi Takekawa, Takekawa Orthop Clinic

10:10AM - 11:00AM

Session: upper extremity 2

Moderator Eiji Nishioka, Josui Dori Clinic

Moderator Kohei Kanaya, Dept of Orthop Surg, Sapporo Medical Univ

- 1) *Ultrasonographic findings for distal insertion injury of UCL*

Kazuma Miyatake, Dept of Orthop Surg, JCHO Shinjyuku Medical Center

- 2) *Influence which the contraction of the flexor digitorum superficialis muscle gives on the tissue elasticity of the medial collateral ligament*

Hiroki Nakagawa, Nagoya Sports Clinic

- 3) *New ultrasonographic staging evaluation of osteochondritis dissecans of humeral capitellum*

Chisako Okada, Dept of Orthop Surg, JCHO Shinjyuku Medical Center

- 4) *Trial of the ultrasonographic diagnosis in the Thoracic outlet syndrome of the athlete*

Honda Hirokazu, Dept of Orthop, Kurume Univ

- 5) *Reliability of measurement of blood flow velocity at subclavicular artery*

Akira Inoue, Keiyu Orthop Hosp

- 6) *Relationship between humeral retroversion adjusted shoulder internal rotation angle and humeral migration at 135° elevated position during passive external rotation*

Hiroki Yamauchi, Kameda Medical Center

11:00AM - noon

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Session: upper extremity 3

Moderator Susumu Kobayashi, Takasaki Univ of Health and Welfare

Moderator Masazumi Hirata, AR-Ex Medical Group Oyamadai Orthopedic

- 1) *The relationship between ultrasonographic findings of the long head of the biceps tendon and shoulder pain in college competitive swimmers*

Shuro Komatsu, Institute for Integrated Sports Med, Keio Univ

- 2) *Differences in activities of scapular downward rotators during arm elevation between symptomatic and asymptomatic rotator cuff tears : assessment of muscle activity using ultrasound elastography*

Hiroaki Ishikawa, Dept of Physical Med and Rehab, Tohoku Univ

- 3) *Diagnostic rate of ultrasonography for configuration and the size of rotator cuff tear*

Hikaru Miyauchi, Dept of Radiology, Funabashi Orthopedic Hosp

- 4) *Structural outcome after arthroscopic rotator cuff repair using suture bridge technique: comparison MRI with ultrasound*

Momoko Matsumoto, Dept of Radiology, Funabashi Orthopedic Hosp

- 5) *Postoperative state of healing in Bankart lesion after arthroscopic Bankart repair based on the shear wave elastography*

Masaki Fukuyoshi, Nagoya Sports Clinic

- 6) *Effect of ultrasound-guided subacromial hyaluronic acid injection on clinical outcome in patients with rotator cuff disease*

Hisao Shimokobe, Dept of Orthop, Kurume Univ

- 7) *Guided removal of soft tissue foreign bodies with sonography*

Tatsuo Nagano, Nagano Orthop Clinic

2:50PM - 3:50PM

Session: Trunk/Hip/Thigh 1

Moderator Yoshihiro Semoto, Dept of Orthop, Imazu Hosp

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Moderator Tadashi Hattori, Aichi Children's Health and Medical Center

- 1) *The ultrasound guided injection of gadolinium contrast agent into a hip joint*

Naoya Hirose, Chiba Children Hosp

- 2) *Experience of ultrasound-guided aspiration in adult hip disorders*

Jun-ichi Fukushi, Dept of Orthop Surg, Kyushu Univ

- 3) *The Study of dynamic ultrasonography of the labrum damage during MR arthrography using convex probe guided injection-compared with radial MRA and arthroscopic view*

Nobuyuki Watanabe, Dept of Orthop Surg, Tosei General Hosp

- 4) *A case report of ultrasound guided and arthroscopic repair for rectus femoris proximal rupture*

Shin Yamada, Kameda Institute of Sports Sciences and Med Kameda Medical Center

- 5) *The experience of the diagnosis by using ultrasoundgraph for rib diseases*

Matsumura Kenichi, Dept of Orthop Surg, Tane General Hosp

- 6) *Adequacy of ultrasound screening for soft tissue tumor: comparison with MRI screening*

Naohisa Futamura, Toyota Kosei Hosp

- 7) *Hybrid technique combined with ultrasound and fluoroscopic image for biopsy of cervical body tumor*

Tatsuo Nakamoto, Dept of Anesthesiology, Kansai Medical Univ

3:50PM - 4:40PM

Session: Trunk/Hip/Thigh 2

Moderator Masaji Isii, Faculty of Medicine Dept of Orthop, Yamagata Univ

Moderator Kenta Fujiwara, Dept of Orthop Surg, Osaka Medical College

- 1) *Deep abdominal muscle size and asymmetry in male soccer players evaluated by ultrasonography*

Yoshihiro Uchida, Seisen Orthop Clinic

- 2) *The interclass reliability on the ultrasound measurement of the travel distance of the thoracolumbar fascia in*

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contraction of the transversus abdominis muscle.

Minoru_Koyama, Kameda Medical Center

- 3) *Ultrasound evaluation of the change in the travel distance of the thoracolumbar fascia after the training of the transversus abdominis muscle*

Yohei Suzuki, Kameda Clinic Rehab

- 4) *Comparison of the multifidus muscle muscular rigidity using ultrasound imaging real-time tissue elastography*

Takashi Murakami, Dept of Physical Therapy , Sch of Health Science, Kyorin Univ

- 5) *Correlation between the neck pain of whiplash and deep cervical flexor muscles movement*

Hiromichi Mizuno, Hirabari Kato Orthop Clinic

- 6) *Dementia may reduce the ability of low-intensity pulsed ultrasound (LIPUS) in elderly female patients with trochanteric fracture of the femur*

Mitsunobu Watanabe, Dept of Rehab, Konan Hosp

4:40PM - 5:30PM

Session: Trunk/Hip/Thigh 3

Moderator Soichi Hattori, Dept of Sports Med, Kameda Medical Center

Moderator Yasushi Fukaya, Nagoya Grampus Eight Clinic, Toyota Sports Center

- 1) *Muscle thickness changes of quadriceps femoris muscle during pregnancy*

Takahashi Yohei, Dept of Obstetrics and Gynecology, Tokushima Univ

- 2) *Ultrasound evaluation of the muscle volume of vastus medialis by measuring its angle; correlation with the quadriceps strength*

Hiroyuki Sato, Kameda Rehab Hosp

- 3) *Flexibility change of semimembranosus muscle by jackknife stretch*

Momoka Oyama, East Aoba Orthop Clinic

- 4) *Evaluation of the movement of the semimembranosus for flexor contracture using ultrasonography*

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Hiroaki Kamioka, Dept of Physical Therapy, Morinomiya Univ

- 5) *Effect of the manipulation for the dynamics of the muscles of the vastus lateralis*

Sho Nakamura, Dept of Rehab, Miyamoto Orthopedic Clinic

- 6) *The role of vastus intermedius and vastus medialis on gait in the early stage after anterior cruciate ligament reconstruction*

Keita Mizuno, Hachioji Sports Orthop Clinic