### プログラム (Program)

### 講演会場(Main Hall)

### モーニングセミナー (Morning Seminar)

7:50~9:00

#### 「股関節鏡の基礎 診察 画像診断」

#### Hironobu Hoshino

Department of Orthopaedic Surgery Hamamatsu University School of Medicine

#### MS-1 The concept of anatomical layer approach for assessing hip and groin pain

Akihisa Hatakeyama, Soshi Uchida

Department of Orthopaedics surgery and Sports Medicine, Wakamatsu Hospital for the University of Occupational and Environmental Health

#### MS-2 Ultrasonographic Anatomy of the inguinal part and buttock

Kazuma Miyatake, Naomi Kobayashi, Choe Hyonmin, Taro Tezuka, Ike Hiroyuki, Shota Higashihira, Akira Morita, Yutaka Inaba

Dept. of Orthopaedic Surgery, Yokohama City University Hospital

### MS-3 Diagnosis for femoroacetbular impingement in Japan

Kensuke Fukushima

Department of Orthopaedic Surgery, Kitasato University, School of Medicine

#### MS-4 Arthroscopic treatment of femoroacetabular impingement: a standard procedure

Hidetsugu Ohara

Hirakata City Hospital

#### MS-5 Radiologic clinics and arthroscopic surgery of extra-articular lesions

Hiroki Shimodaira, Soshi Uchida

Department of Orthopaedic Surgery, Wakamatsu Hospital of the University of Occupational and Environmental Health

### 開会挨拶(Opening Remarks)

9:00~9:05

### 9:05~9:53

#### [FAI & labral]

#### Takuma Yamasaki

Department of Orthopaedic Surgery
Hiroshima University

#### O1-1 Comparison of Alpha Angle between radial MRI and X-ray in FAI and borderline DDH

Shota Higashihira, Naomi Kobayashi, Kosuke Sumi, Hyomin Choe, Hiroyuki Ike, Akira Morita, Yutaka Inaba

Department of Orthopaedic Surgery, Yokohama City University, Yokohama, Japan

## O1-2 The Relationship Between Femoroacetabular Impingement Syndrome and Extra-articular Lesion on Magnetic Resonance Imaging

Hiroki Shimodaira, Soshi Uchida

Department of Orthopaedic Surgery, Wakamatsu Hospital of the University of Occupational and Environmental Health

# O1-3 Evaluation of ultrasonographic examination in detecting hip-labral tears: Comparisons to arthroscopic observation and radial-sequence imaging at hip MRA

Nobuyuki Watanabe<sup>1,2,3)</sup>, Kazuo Hayakawa<sup>1)</sup>, Shingo Kainuma<sup>1)</sup>, Hiroki Yamada<sup>1)</sup>, Yuya Waseda<sup>1)</sup>, Yoshihiro Kanda<sup>1)</sup>, Shouji Asai<sup>1)</sup>, Muneyoshi Fukuoka<sup>1)</sup>

- 1) Dept. of Orthopaedic surg, Tosei General Hospital, 2) Dept. of Rehabilitation, Tosei Genral Hospital,
- 3) Dept. of Orthopaedics Nagoya City University

## O1-4 Arthroscopic treatment of synovial lipomatosis in the hip joint in patients with femoroacetabular impingement.

Haruki Nishimura<sup>1)</sup>, Akihisa Hatakeyama<sup>2)</sup>, Keisuke Nakayama<sup>2)</sup>, Shinichiro Takada<sup>2)</sup>, Akinori Sakai<sup>1)</sup>, Soshi Uchida<sup>2)</sup>

- 1) Department of Orthopedics of the University Hospital of Occupational and Environmental Health, Japan,
- 2) Department of Orthopedics Wakamatsu Hospital of the University of Occupational and Environmental Health, Japan

# O1-5 Clinical Outcome and Return to Play Following Hip Arthroscopic Surgery for Femoroacetabular Impingement Syndrome in Collision Athletes

Kazuki Yamada<sup>1,2)</sup>, Akihisa Hatakeyama<sup>1)</sup>, Yasuo Onishi<sup>1)</sup>, Hiroki Shimodaira<sup>1)</sup>, Shinichiro Takada<sup>1)</sup>, Akinori Sakai<sup>1)</sup>, Soshi Uchida<sup>1)</sup>

1) Department of Orthopaedic Surgery, Wakamatsu Hospital of University of Occupational and Environmental Health, 2) Department of Orthopaedic Surgery, Okayama University

## O1-6 Outcomes of Arthroscopic FAI Correction in Adolescents: Risk of Cam Regrowth in Skeletally Immature Patients

Tomoya Arashi<sup>1)</sup>, Yoichi Murata<sup>2)</sup>, Shiho Kanasaki<sup>3)</sup>, Hajime Utsunomiya<sup>1)</sup>, Soshi Uchida<sup>1)</sup>

- 1) Wakamatsu Hospital of the University of Occupational and Environmental Health, Japan,
- 2) University of Occupational and Environmental Health, Japan, 3) Teikyo University Hospital

#### 9:55~10:43

### [Hip Dysplasia & Instability]

#### Naomi Kobayashi

Department of Orthopaedic Surgery Yokohama City University

#### **O2-1** What factors affect the iliocapsularis muscle in hip labral tear?

Seigo Oshima, Jiro Nakashiro

Department of orthopaedic surgery, Matsuyama red-cross hospital.

#### **O2-2** Technical tips for arthroscopy of the hip in the neonate

Toshio Kitano, Ryo Hosomi, Minako Sumikawa, Keisuke Nakagawa, Takuya Kubo, Hitomi Takuma

Department of Pediatric Orthopaedic Surgery, Osaka City General Hospital

## O2-3 Endoscopic Shelf Acetabuloplasty for Treating Large Bone Cyst of the femoral head concurrent with Dysplasia

Akira Fujiike, Akihisa Hatakeyama, Kazuki Yamada, Soshi Uchida

Dept. of Orthopaedic Surgery, Wakamatsu Hospital for the University of Occupational and Environmental Health Japan

# O2-4 Less Invasive shelf acetabuloplasty combined with arthroscopic labral repair for patients with developmental dysplasia of the hip

Yusuke Okanoue, Junpei Dan, Yoichi Igarashi, Masahiko Ikeuchi

Dept. of Orthopaedic Surgery, Kochi Medical School

#### O2-5 Remodeling of the Acetabular Rim after Arthroscopic Cam Plasty Treatment in the Borderline Dysplastic FAI Hip

Hidetsugu Ohara

Dept. of Orthop. Surgery Hirakata City Hospital

# O2-6 Short-term results of arthroscopic hip labral repair without anterior compartment capsulotomy for the patients with borderline dysplasia

Arihiko Kanaji, Akihito Oya, Ryo Ogawa, Satoshi Nakamura, Shunsuke Kikuchi,

Atsushi Kimura, Yasuo Niki, Masaya Nakamura, Morio Matsumoto

Department of Orthopaedic Surgery, Keio University, School of medicine

#### 10:45~11:33

### [Basic science rehabilitation & others]

Kiyokazu Fukui

Department of Orthopaedic Surgery Kanazawa Medical University

#### O3-1 Comparison of machinability of two different round end-mill burrs in Osteochondroplasty

Takehito Hananouchi<sup>1)</sup>, Qiang Ji<sup>1)</sup>, Takeshi Sawai<sup>1)</sup>, Stephen Aoki<sup>2)</sup>

- 1) Department of Mechanical Engineering Graduate School of Engineering Osaka Sangyo University,
- 2) Department of Orthopaedic Surgery, University of Utah

## O3-2 Correlation between preoperative Tönnis grade and Outerbridge classification, and factors affecting postoperative OA progression

Koji Goto, Yutaka Kuroda, Toshiyuki Kawai, Shuichi Matsuda Department of Orthopaedic Surgery, Kyoto University

# O3-3 Intra-articular pathology in osteonecrosis of femoral head and Its relationship with post-operative result of intertrochanteric varus osteotomy

Takeshi Shoji<sup>1)</sup>, Takuma Yamasaki<sup>1)</sup>, Yuki Oota<sup>2)</sup>, Hideki Saka<sup>2)</sup>, Nobuo Adachi<sup>2)</sup>

1) Department of Artificial Joints and Biomaterials, Graduate School of Biomedical & Health Sciences, Hiroshima University, 2) Department of Orthopaedic Surgery, Graduate School of Biomedical Sciences, Hiroshima University

## O3-4 Is the decrease in muscle gliding ability in ultrasound related to fascia overlapping? - An investigation in cases after the hip arthroscopic surgery -

Kensuke Hotta, Shoichi Nishikino, Yuta Shimizu, Hiroki Furuhashi, Hironobu Hoshino Department of Orthopaedic Surgery Hamamatsu University School of Medicine, Hamamatsu, Shizuoka, Japan

# O3-5 Comparison of the Hip Function Between Return to Play and non-Return After Hip Arthroscopy in Athletes with Femoroacetabular impingement.

Makoto Takahashi<sup>1)</sup>, Shuto Higuchi<sup>1)</sup>, Satoshi Tateishi<sup>1)</sup>, Akihisa Hatakeyama<sup>2)</sup>, Soshi Uchida<sup>2)</sup>
1) Department of Rehabilitation Medicine, Wakamatsu Hospital for University of Occupational and Environmental Health, Japan, 2) Department of Orthopaedic Surgery, Wakamatsu Hospital for University of Occupational and Environmental Health, Japan

#### O3-6 Effects of a novel hip brace after hip arthroscopy surgery for femoroacetabular impingement

Kai Hirata<sup>1)</sup>, Makoto Takahashi<sup>2)</sup>, Akihisa Hatakeyama<sup>3)</sup>, Soshi Uchida<sup>3)</sup>

1) Medical Product Development Department, Nippon Sigmax Co., Ltd., 2) Department of Rehabilitation Medicine, Wakamatsu Hospital of the University of Occupational and Environmental Health., 3) Department of Orthopaedic Surgery, Wakamatsu Hospital of the University of Occupational and Environmental Health.

### ランチョンセミナー (Luncheon Seminar)

11:45~12:45

#### Hajime Sugiyama

Kanagawa Rehabilitation Hospital

#### LS-1 Biomechanical definition of hip microinstability

Hajime Utsunomiya

Steadman Philippon Research Institute, USA

#### LS-2 Endoscopic management of deep gluteal syndrome

Sun-jung Yoon

Department of Orthopedic Surgery, Chonbuk National University, South Korea

Sponsored by Smith & Nephew KK

### 総会 (General Assembly)

12:50~13:00

### ポスター会場(Poster Session)

### ポスター発表(Poster Presentation)

13:00~13:48

#### Hideki Fujii

Department of Orthopaedic Surgery
The Jikei University School of Medicine

#### P-1 Hip arthroscopy for femoroacetabular impingement with cerebral palsy. - a case report -

Kenji Tateda<sup>1)</sup>, Junya Simizu<sup>1)</sup>, Ima Kosukegawa<sup>1)</sup>, Mikito Sasaki<sup>1)</sup>, Satoshi Nagoya<sup>2)</sup>, Toshihiko Yamashita<sup>1)</sup>

- 1) Department of Orthopedic Surgery, Sapporo Medical University School of Medicine,
- 2) Dept. of Musculoskeletal Biomech Surg Development Sapporo Medical University

#### P-2 Labral tear of the hip in young adults complaining of walking difficulty: report of two cases.

Tomoaki Sanki, Hirosuke Endo, Kazuki Yamada, Youshi Kawamura, Tomonori Tetsunaga, Toshifumi Ozaki

Department of Orthopaedic Surgery Okayama University Graduate School of Medicine, Dentistry, and Pharmaceutical Sciences

## P-3 Arthroscopic labral repair and open capsular plication (ALOCAP) for acetabular labral tear with borderline hip dysplasia: a case report

Hiroaki Kijima, Masashi Fujii, Yosuke Iwamoto, Itsuki Nagahata, Yoichi Shimada Department of Orthopedic Surgery, Akita University Graduate School of Medicine

# P-4 Hip osteochondoroma causing Anterior Inferior Iliac Spine impingement treated by arthroscopic and mini-open osteochondroplasty -A case report-

Akira Morita, Naomi Kobayasi, Hyonmin Che, Hiroyuki Ike, Daigo Kobayasi, Shintaro Watanabe, Shota Higashihira, Yutaka Inaba

Department of Orthopaedic Surgery, Yokohama City University, Yokohama, Japan

# **P-5** Bilateral sever tendinitis of ilio-psoas tendon which extracapsular ilio-psoas release was effective remarkably after multiple surgeries.

Moriyuki Noguchi, Hirotaka Sano, Daizo Sasaki, Takashi Inawashiro, Taichi Irie, Yuki Sato, Hiroo Abe

Sendai City Hospital

#### P-6 Unrecognized osteoid osteoma of the proximal femur in adolescents: a report of two cases

Takayuki Matsunaga<sup>1)</sup>, Kensuke Fukushima<sup>1)</sup>, Yoshihisa Ohashi<sup>1)</sup>, Katsufumi Uchiyama<sup>1)</sup>, Naonobu Takahira<sup>2)</sup>, Masashi Takaso<sup>1)</sup>

- 1) Department of Orthopaedic Surgery, Kitasato University, School of Medicine,
- 2) Department of Rehabilitation, Kitasato University, School of Allied Health Sciences

## **P-7** Endoscopic excision of osteoid osteoma around the femoral trochanter: our experience of 2 cases.

Ayana Kitta<sup>1)</sup>, Takashi Saisu<sup>1)</sup>, Jun Kakizaki<sup>1)</sup>, Yasuhiro Oikawa<sup>1)</sup>, Atsushi Yunde<sup>1)</sup>, Yukie Metoki<sup>1)</sup>, Rei Abe<sup>1)</sup>, Yuko Segawa<sup>2)</sup>, Mitsuaki Morita<sup>3)</sup>, Makoto Kamegaya<sup>3)</sup>

1) Division of Orthopaedic Surgery, Chiba Children's Hospital, Chiba, 2) Department of Orthopaedic Surgery, School of Medicine, Tokyo Medical and Dental University, Tokyo, 3) Chiba Child & Adult Orthopaedic Clinic, (Chiba Padiatric Orthopaedic Group)

## P-8 Primary total hip arthroplasty after arthroscopic treatment for septic arthritis of the hip; report of 2 cases

Tatsuhiro Kaneko, Kiichirou Ando Chuno Kosei Hospital

### 講演会場(Main Hall)

### スイーツセミナー (Sweets Seminar)

14:10~15:10

Mitsunori Kaya

Hitsujigaoka Hospital

#### SS-1 Ultrasound-guided Hydro-Release for buttock and groin pain

Hiroshi Minagawa Joto Orthopedic Clinic

#### **SS-2** Hip arthroscopy for groin pain in athletes

Takashi Sando Antlers Sports Clinic

Sponsored by Johnson & Johnson DePuy Synthes Japan

### 15:20~16:50

### [Comprehensive Rehabilitation]

#### Yoshihiro Zenita

Zenita treatment office

#### Makoto Takahashi

Wakamatsu Hospital of

the University of Occupational and Environmental Health

#### **SY-1** Conservative treatment for athletes with a hip disorder using manual inter-structural release

Kazuyoshi Gamada

Hiroshima International University

#### **SY-2** Evaluation of Thoracic Function and Exercise Therapy in Hip Joint Disease

Hiasato Okanishi, Hiroki Yamamoto, Shintaro Uekawa, Tomohiro Hayakawa, Hiromiti Mizuno, Syoutaro Isihiguro, Kazuya Mori, Tetuhiro Kato(MD) Hirabarikato Orthopedic Clinic

## **SY-3** Postoperative Rehabilitation following arthroscopic management of femoroacetabular impingement for athletes.

Michihisa Aoyama<sup>1)</sup>, Soshi Uchida<sup>2)</sup>

- 1) Department of Rehabilitation, Oyamadai Orthopedic Clinic, Tokyo Arthroscopy Center,
- 2) Department of Orthopaedic Surgery, Wakamatsu Hospital of the University of Occupational and Environmental Health

#### **SY-4** Physical therapy to perform postoperative hip arthroscopic surgery

~ Anatomical point necessary for evaluation and treatment ~

Shiso Ono

Kyoto Shimogamo Hospital, Department of Physical Therapy

#### **SY-5** Postoperative rehabilitation for hip dysplasia

Satoshi Tateishi<sup>1)</sup>, Makoto Takahashi<sup>1)</sup>, Soshi Uchida<sup>2)</sup>

1) Department of Rehabilitation Medicine, Wakamatsu Hospital for the University of Occupational and Environmental Health, 2) Department of Orthopaedic Surgery, Wakamatsu Hospital for the University of Occupational and Environmental Health

#### **SY-6** Athletic Rehabilitation of the Athlete of Refractory Groin Pain

Jindou Hatanaka

Jindou Osteopathic Council athlete

### 会長講演 (Presidential Lecture)

16:55~17:45

#### Takahiko Wada

Osada Orthopedics Clinic

**PL** Evolving of Hip Arthroscopy. From the beginning to the horizon.

Soshi Uchida

Wakamatsu Hospital the University of Occupational and Environmental Health Japan (UOEH)

### 閉会挨拶(Closing Remarks)

17:45~17:50