

**DAY-2 March 30, Sat Room-A (Saiun North)**

**8:00-9:10 Live Surgery III**

PELD (Percutaneous Endoscopic Lumbar Discectomy)

Operator: Fujio Ito  
(Aichi Spine Institute)

**Live Surgery IV**

MEL (Microendoscopic laminotomy)

Operator : Munehito Yoshida  
(Department of Orthopaedic Surgery Wakayama Medical University)

**9:15-10:19 A2-1**

**[MIS / Tumor / MED / Micro / Others]**

Moderator: Dr. Shing-Sheng Wu / Dr. Muhammad Tariq Sohail

**A2-1-1** Surgery for the spinal hemangioblastoma

9:15-9:25 Kazuhiro Hongo, Kiyoshi Ito, Tetsuya Goto  
(Department of Neurosurgery, Shinshu University School of Medicine, Matsumoto, Japan)

**A2-1-2** Spine Minimally Invasive Target Therapy (SMITT)

9:25-9:35 Shing-Sheng Wu  
(Deputy Superintendent and Chairman of Department of Orthopaedic Surgery,  
Min-Sheng General Hospital & Healthcare Group)

**A2-1-3** Minimally Invasive Spine Surgery (MISS) in Banjarmasin, South Kalimantan and Bandung, West Java Period of 2002-2012

9:35-9:45 Zairin Noor<sup>1</sup>, Agus Hadian Rahim<sup>2</sup>  
(<sup>1</sup>Department of Orthopaedic, Ulin General Hospital, Faculty of Medicine, University of Lambung Mangkurat, Banjarmasin, Indonesia, <sup>2</sup>Department of Orthopaedic, Hasan Sadikin Hospital, Faculty of Medicine, University of Padjadjaran, Bandung, Indonesia)

**A2-1-4** Biomechanical aspect of aging spine.

9:45-9:55 Muhammad Tariq Sohail  
(MBBS, M.Ch. Orth, FRCS (Edin), FRCS (Glas), FICS,  
Pakistan Academy of Medical Sciences, Orthopaedic & Spine Surgery)

**A2-1-5** The surgical management of degenerative lumbar spondylolisthesis:  
9:55-10:02 a comparative study of 5-year outcomes following decompression with fusion and microendoscopic decompression

Takato Aihara  
(Funabashi Orthopedic Hospital)

**A2-1-6** Evaluation of microscopic bilateral decompression of lumbar stenosis through  
10:02-10:09 unilateral approach.

Kenji Hatakeyama  
(Funabashi Orthopedic Hospital)

**A2-1-7** Surgical Anatomical Considerations for Minimally Invasive Spine Surgery

10:09-10:19 Eugene Wong  
(Consultant Orthopaedic & Spine Surgeon)

**10:45-11:45 Special Guest Lecture III**

Moderator: Dr. Fujio Ito

Is there a place for minimal invasive and endoscopic surgery on the lumbar spine  
– Are there any advantages for the future?

Stefan Hellinger

(Orthopaedic surgeon in privat practice and as consultant in ISAR Klinik, Munich, Germany)

**13:15-14:36 A2-2  
[PELD / MIS / Tumor / Others]**

Moderator: Dr. Gun Choi / Dr. Yutaka Hiraizumi

DAY-2  
Room-A

- A2-2-1** Experience of First PELD Operation in Our Institute  
13:15-13:22 Takahiro Miyahara, Gohsuke Hattori, Hisaaki Uchikado, Motohiro Morioka  
(Department of Neurosurgery, Kurume University)
- A2-2-2** The Factors associated with Early Relapse after Posterolateral Percutaneous Endoscopic Lumbar Discectomy  
13:22-13:29 Chang Il Ju, Hyeun Sung Kim  
(Department of Neurosurgery, Hurisarang Spine Hospital, Daejeon city, Republic of Korea)
- A2-2-3** Structural Preserving Percutaneous Endoscopic Lumbar Interlaminar Discectomy : Ligamentum Flavum Splitting, Fissure Fragmentectomy and Sealing Procedure  
13:29-13:36 Hyeun Sung Kim  
(Department of Neurosurgery, Hurisarang Spine Hospital, Daejeon city, Republic of Korea)
- A2-2-4** Endoscopic procedures for thoracic disc herniation  
13:36-13:46 Sang-Ho Lee<sup>1</sup>, Sang Hoon Jang<sup>2</sup>, Ho-Yeon Lee<sup>2</sup>, Byungjoo Jung<sup>1</sup>, Jin Kuk Kim<sup>3</sup>  
(<sup>1</sup>Department of Neurosurgery, Seoul Wooridul Spine Hospital, Seoul, Korea,  
<sup>2</sup>Department of Neurosurgery, Seoul Gangbuk Wooridul Spine Hospital, Seoul, Korea,  
<sup>3</sup>Department of Neurosurgery, Shanghai Wooridul Spine Hospital, Shanghai, China)
- A2-2-5** Videoendoscopic Anatomy for Full-endoscopic Transforaminal Disc Herniation Surgery  
13:46-13:56 June Ho Lee, Sang Ho Lee  
(Neurosurgeon, Wooridul Spine Hospital, South Korea)
- A2-2-6** Percutaneous Endoscopic technique to tackle difficult accessible site of lumbar disc prolapse and assessment of failure cases  
13:56-14:06 Chan Ying Kei, Ko J  
(Department of Orthopaedics & Traumatology, Pamela Youde Nethersole Eastern Hospital, Hong Kong SAR, China)
- A2-2-7** Interlaminar Approach under Lateral Position for L5/S1 PELD  
14:06-14:16 Yutaka Hiraizumi, Toshiyuki Shirahata, Masafumi Kudo and Katsunori Inagaki  
(Dept. of Orthopaedic Surgery, Showa University, Tokyo, Japan)
- A2-2-8** Endoscopic surgery in lumber degenerative disk disease  
14:16-14:26 Muhammad Tariq Sohail  
(MBBS, M.Ch. Orth, FRCS (Edin), FRCS (Glas), FICS,  
Pakistan Academy of Medical Sciences, Orthopaedic & Spine Surgery)

**A2-2-9** Surgical Treatment for Discogenic Low Back Pain by Percutaneous Endoscopic Lumbar Discectomy (PELD)  
14:26-14:36 Yasushi Miura, Fujio Ito, Motohide Shibayama, Shu Nakamura, Shoji Ikeda, Minoru Yamada, Tomohiko Yamada  
(Aichi Spine Institute)

**14:45-15:56 A2-3  
[PELD]**

Moderator: Dr. Choon Keun Park/ Dr. Sang Ho Lee

**A2-3-1** TRANSFORAMINAL ENDOSCOPIC DECOMPRESSION IN FAILED BACK SPINAL SURGERY  
14:45-14:52 Pornpavit Sriphirom  
(Orthopaedics Department, Rajavithi Hospital, Payathai, Bangkok, Thailand)

**A2-3-2** Clinical result of percutaneous endoscopic annuloplasty using high frequency radiowave (Disc-FX<sup>®</sup>) and Ho:YAG laser (LASE<sup>®</sup>) for chronic degenerative disc disease of the lumbar spine: preliminary study  
14:52-14:59 Tag-Geun Jung  
(Seoul Gimpo Airport Wooridul Spine Hospital)

**A2-3-3** Application of the percutaneous spinal endoscope for herniated nucleus pulposus in the hidden zone of the lumbar spine  
14:59-15:06 Atsuhisa Yamada, Koichi Sairyō, Akira Dezawa  
(Department of orthopaedic surgery, University of Teikyo, Mizonokuchi Hospital)

**A2-3-4** Percutaneous endoscopic lumbar discectomy for athletes  
15:06-15:16 Koichi Sairyō  
(Department of Orthopedic Surgery, Teikyo University Mizonokuchi Hospital)

**A2-3-5** Percutaneous endoscopic posterolateral approach for lumbar foraminal stenosis and percutaneous endoscopic anterior approach for thoracic disease  
15:16-15:26 Sumito Shimizu  
(Spine and Spinal Cord Center Omigawa General Hospital)

**A2-3-6** Our Experience with the Full-Endoscopic Lumbar Spinal Surgery  
15:26-15:36 Murat İMER  
(Department of Neurosurgery, Memorial Ataşehir Hospital, İstanbul, Turkey)

**A2-3-7** Comparison of two techniques of transforaminal endoscopy: importance of anchor  
15:36-15:46 Satishchandra Gore  
(Prime surgical centre off law college road, pune)

**15:46-16:00 Closing Ceremony**

Dr. Fujio Ito, President of the 2nd ACMISST

<b>DAY-2 March 30, Sat Room-B (Saiun South)</b>
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**9:15-10:43 B2-1**

**[Cervical / Epidural / Laser / X-stop / Interlaminaspaser / New method]**

Moderator: Dr. Aloysius Bambang Darwono / Dr. Yuichi Kasai

- B2-1-1** Hybrid surgery of multilevel cervical degenerative disc disease:  
 9:15-9:22 Kyoung-Suok Cho, Sang-Bok Lee, Pil-Woo Huh  
 (Dept. of Neurosurgery, Uijeongbu St. Mary's Hospital, The Catholic Univ. of Korea College of Medicine)
- B2-1-2** Treatment of Neuropathic Pain by Sensory Nerve Stimulation of the Lumbar Exiting Nerve DRG Using a Percutaneous Transforaminal Approach  
 9:22-9:29 Laura Tyler Perryman<sup>1</sup>, Anthony Yeung<sup>2</sup>  
<sup>1</sup>Stimwave Technologies, Scottsdale, Arizona,  
<sup>2</sup>Desert Institute for Spine Care, Phoenix Arizona, Professor of Endoscopic Spine Surgery, University of New Mexico School of Medicine, Albuquerque, New Mexico)
- B2-1-3** A Novel Joint and Sural block Injection Technique for Low back pain, Sciatica, Lumbar disc herniation  
 9:29-9:36 A Novel Joint and Space one Injection for bracialji, Cervical Disc Herniations. How is change the disc resolution rate after this technique  
 Figen Yağmur Aslan  
 (Kepez medical center)
- B2-1-4** Current and Future Epiduroscopic Techniques and Procedures  
 9:36-9:46 Daniel H. Kim  
 (Department of Neurosurgery, Spinal Neurosurgery, Reconstructive Peripheral Nerve Surgery, University of Texas Medical School at Houston)
- B2-1-5** Epiduroscopic Treatment of Failed Back Surgery  
 9:46-9:56 Ü. Murat ERGÜVEN<sup>1</sup>, S. Kamil BARLAS<sup>1</sup>, Tolgay ŞATANA<sup>2</sup>,  
<sup>1</sup>Orthopedic and Trauma Surgeon Minimal Invasive Spine Surgery, Dr. Ersin Arslan State Hospital, Gaziantep, Turkey, <sup>2</sup>Satana's Private Clinic, İstanbul, Turkey)
- B2-1-6** ROLE OF THE O-ARM AND NEURONAVIGATION IN THE MANAGEMENT OF COMPLX SPINE SURGERY CASES  
 9:56-10:03 Walid I. Attia  
 (Consultant; Neurosurgery Department, Spine Surgery Department)
- B2-1-7** The Role of Interlaminar Device (IntraSpine) in the Treatment of Late Degenerative Problems  
 10:03-10:13 Aloysius Bambang Darwono  
 (Orthopaedic Section of Pluit Hospital, Jl. Raya Pluit Selatan, Jakarta Utara, Orthopaedic Section of Gading Pluit Hospital, Jl. Boulevard Timur Raya, Kelapa Gading, Jakarta, Rehabilitation Section of Gading Pluit Hospital.)
- B2-1-8** Clinical Outcome of Interspinous Locker Fixation with Ligamentoplasty for Lumbar Stenosis with Instability  
 10:13-10:23 Gun Choi  
 (Department of Neurosurgery, Seoul Gimpo Airport Wooridul Spine Hospital, Seoul, Korea)
- B2-1-9** Comparative study on "Percutaneous transpedicular Intervertebral vacuum PMMA Injection procedure (PIPI)" and conservative treatment for low back pain associated with lumbar degenerative scoliosis in the elderly  
 10:23-10:33 Kiyotaka Yamada, Yoshinori Fujimoto, Haruhiko Takata, Takashi Hashimoto, Toshio Nakamae, Atsushi Takazawa, Hiroaki Nakagawa  
 (Hiroshima General Hospital, Hiroshima, Japan)

- B2-1-10** Symptoms and Clinical Examinations for Assessment of Lumbar Spinal Instability  
10:33-10:43 Yuichi Kasai  
(Department of Spinal surgery and medical engineering, Mie University Graduate School of Medicine)

**12:00-13:00 Luncheon Seminar III**

Moderator: Dr. Motohide Shibayama

New approach and changes in the microhemodynamics of nerve root retraction in patients with lumbar spinal canal stenosis in minimally invasive surgery

Akira Dezawa  
(Department of Orthopaedic Surgery, School of Medicine, University of Teikyo, Mizonokuchi Hospital, Japan)

Support company : Ono Pharmaceutical Co., Ltd.

**13:15-14:30 B2-2  
[Cervical]**

Moderator: Dr. Masakazu Takayasu / Dr. Kazutoshi Hida

- B2-2-1** Fales localizing sign of cervical cord compression presented with mid truncal pain  
13:15-13:22 Hyung Suk Kim, Soo-Yong Park, Yoo-Hyun Cha  
(Seoul Gimpo Airport Wooridul Spine Hospital)

- B2-2-2** Effective cervical decompression by posterior cervical foraminotomy without discectomy  
13:22-13:29 Min-Soo KANG  
(Daegu Wooridul Spine Hospital)

- B2-2-3** Transcorporeal tunnel approach for unilateral cervical radiculopathy: a 2-year follow-up review and results  
13:29-13:36 Gun Choi  
(Department of Neurosurgery, Seoul Wooridul Hospital, Seoul, South Korea)

- B2-2-4** Minimally invasive key hole foraminoplasty using percutaneous spinal endoscope for cervical spondylotic radiculopathy  
13:36-13:43 Kitagawa Y, Sairyo K, Dezawa A.  
(Department of Orthopaedic Surgery, School of Medicine, University of Teikyo, Mizonokuchi Hospital, Takatsu-ku, Kawasaki City, Japan.)

- B2-2-5** Minimal invasive hybrid cervical surgery to avoid spinal fusion  
13:43-13:50 Hyon-Su Chong, Gun Choi, Kang-Seok Moon  
(Seoul Gimpo Airport Wooridul Spine Hospital)

- B2-2-6** Transvertebral key-hole foraminotomy for cervical radiculopathy  
13:50-14:00 Masakazu Takayasu, Aichi Niwa, Mikinobu Takeuchi, Masahiro Yoko, Muneyoshi Yasuda  
(Dept. of Neurological Surgery, Aichi Medical University)

- B2-2-7** Evidence-based minimally invasive cervical laminoplasty  
14:00-14:10 Kyoichi Sugita  
(Department of Neurological Surgery, Azuhata Hospital, Ibaraki, Japan)

**B2-2-8** Microdiscectomy with mobile intercorporeal prosthesis in the treatment of cervical disc herniation (66 cases)  
14:10-14:20

Vo Van Nho  
(International Neurosurgery Hospital, Ho Chi Minh City, Vietnam)

**B2-2-9** Surgical managements for CVJ ventral lesions through postero-lateral approach  
14:20-14:30

Kazutoshi Hida  
(Department of Neurosurgery, Hokkaido University, Sapporo, Japan)

**14:45-15:42 B2-3**

**[MIS / Tumor / MED / Micro / Far Lateral / Others]**

Moderator: Dr. Walid Attia / Dr. Atsushi Inada

**B2-3-1** 3D reconstructions of spinal segmental arteries using CT angiography: applications in minimally invasive spinal surgeries  
14:45-14:52

Dong-Hwa Heo, Chun-Keun Park  
(Dept of Neurosurgery, Spine Center, The Leon Wiltse Memorial Hospital)

**B2-3-2** MISS; is an option for the treatment of Failed Back Surgery Syndrome  
14:52-15:02

Tolgay Satana<sup>1</sup>, Murat Erguven<sup>2</sup>, Ali Fincan<sup>2</sup>, Kamil Barlas<sup>2</sup>  
<sup>1</sup>Orthopedic and Trauma Surgeon Minimal Invasive Spine Surgery,  
<sup>2</sup> Orthopedic and Trauma Surgeon Minimal Invasive Spine Surgery,  
Dr. Ersin Arslan State Hospital, Gaziantep, Turkey)

**B2-3-3** Preservation of multifidus muscle in the microlumbar disectomy  
15:02-15:12

Atsushi Inada  
(Department of orthopedic Surgery, NTT west Tokai Hospital)

**B2-3-4** Translational research for Stem Cells to spinal cord injury  
15:12-15:22

Jianhong Zhu  
(Dept. of Neurosurgery, Fudan Univ. Huashan Hospital, China)

**B2-3-5** The Association of IL-19 and IL-20 with Intervertebral Disc Injury  
15:22-15:32

Kuo-Yuan Huang  
(Department of Orthopedics, National Cheng Kung University Medical Center)

**B2-3-6** Neurovascular anatomical relationship of the lumbar spine  
15:32-15:42

Ayhan Cömert  
(Department of Anatomy, Ankara University Faculty of Medicine, Ankara, Turkey)

**DAY-2 March 30, Sat Room-C (Juraku)**

**12:00-13:00 Luncheon Seminar IV**

Moderator: Dr. Yasushi Miura

Pitfall and tips of percutaneous endoscopic lumbar discectomy and percutaneous endoscopic cervical discectomy

Gun Choi

(Department of Neurosurgery, Seoul Gimpo Airport Wooridul Spine Hospital, Seoul, Korea)

Support company : Winnova Co.,Ltd.