

<b>DAY-1 March 29, Fri Room-A (Saiun North)</b>
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**8:00-8:15 Opening Ceremony**

Dr. Fujio Ito, President of the 2nd ACMISST

DAY-1

Room-A

**8:15-10:19 A1-1****[Device / Instrument / Far Lateral / MED / Micro / Thoracic / Scoliosis]**

Moderator: Dr. Satishchandra Gore / Dr. Sohei Ebara

**A1-1-1** Use of an Ultrasonic Device in Surgical Treatment of Intractable Low Back Pain from L5 Lysis

8:15-8:22

Sang-Hyun Keem, Yong Min Kim, Seung-hwan Lee, Chui Youl Kim  
(Jinju Korea Hospital Spine Center)**A1-1-2** Ultrasonic Devices in Minimally Invasive Spine Surgery

8:22-8:32

Hiroshi Nakagawa, Koji Saito, Tohru Mitsugi  
(Spine Center and Department of Neurosurgery, Kushiro Kojinkai Memorial Hospital, Kushiro Japan)**A1-1-3** Ultrasono-guided intervention in the spine field

8:32-8:42

Dae-Moo Shim  
(Department of orthopaedic surgery, Wonkwang University School of Medicine, Iksan, Korea)**A1-1-4** Early experience of clinical application of O-Arm in the field of spinal surgery.

8:42-8:52

Junichi Mizuno<sup>1</sup>, Yukoh Ohara<sup>2</sup>, Hidenori Matsuoka<sup>2</sup>  
(<sup>1</sup>Center for Minimally Invasive Spinal Surgery,  
<sup>2</sup>Department of Surgery of Spine and Peripheral Nerves Shin-Yurigaoka General Hospital)**A1-1-5** Tumor-Selective Near-Infrared Photodynamic Therapy with Novel Indocyanine Green-Loaded Nanocarrier: Minimal invasive treatment for metastatic spine tumor

8:52-9:02

Masataka Sakane<sup>1</sup>, Toru Funayama<sup>1</sup>, Toshinori Tsukanishi<sup>1</sup>, Tetsuya Abe<sup>1</sup>,  
Hiroshi Noguchi<sup>1</sup>, Isao Hara<sup>2</sup>, Eiichi Ozeki<sup>2</sup>  
(<sup>1</sup>Department of Orthopaedic Surgery, Faculty of Medicine, University of Tsukuba  
<sup>2</sup>Technology Research Laboratory, Shimadzu Corporation)**A1-1-6** Clinical and Microanatomical Consideration on Lumbosacral Extraforaminal Lesion

9:02-9:12

Jung-Keun Suh, Seong-Dae An, Jong-II Choi  
(Department of Neurosurgery, Korea University Medical Center, Seoul, Korea)**A1-1-7** Anatomy of lumbar foramen with special ref to transforaminal surgery

9:12-9:22

Satishchandra Gore  
(Prime surgical centre off law college road, pune)**A1-1-8** Wrong site surgery in minimally invasive spine technique

9:22-9:29

Shingo Kainuma, Motohide Shibayama, Satoshi Hattori  
(Spine Center and Orthopedic Surgery, Toyokawa City Hospital)

**A1-1-9** A safer minimal invasive decompression technique of lumbar spinal stenosis:  
9:29-9:39 Contra-lateral bone decompression first with intact ligamentum flavum  
Chan Ying Kei, J. Ko  
(Department of Orthopaedics & Traumatology, Pamela Youde Nethersole Eastern Hospital,  
Hong Kong)

**A1-1-10** The evidence of surgery for low back pain  
9:39-9:49 Shin-ichi Konno  
(Department of Orthopaedic Surgery, Fukushima Medical University, Japan)

**A1-1-11** VATS scoliosis surgery  
9:49-9:59 Sohei Ebara  
(Spine & Scoliosis Center, Shonan Fujisawa Tokushukai Hospital)

**A1-1-12** Minimally Invasive Percutaneous Posterior Spinal Deformity Correction  
9:59-10:09 – Early Results  
Arvind Jayaswal  
(Department of Orthopaedics, All India Institute of Medical Sciences, Ansari Nagar,  
New Delhi, India)

**A1-1-13** Role of Minimally Invasive Surgery (MIS) in Thoracolumbar Trauma  
10:09-10:19 Arvind Jayaswal  
(Department of Orthopaedics, All India Institute of Medical Sciences, Ansari Nagar,  
New Delhi, India)

**10:45-11:45 Presidential Lecture**

Moderator: Dr. Sang-Ho Lee

MISS attainment of Japan  
Advanced application of percutaneous endoscopy for spinal disc problems  
Fujio Ito  
(President of Aichi Spine Institute, Visiting Professor of Fujita Health University,  
Spine section, President of 2<sup>nd</sup> ACMISSST)

**13:15-14:15 Special Guest Lecture I**

Moderator: Dr. Fujio Ito

State of the Art of Transforaminal Surgery for painful degenerative conditions of  
the lumbar spine with emphasis on identifying the pain generators.  
Anthony T. Yeung  
(Endoscopic Spine surgery, University of New Mexico School of Medicine,  
Desert Institute of spine care, Phoenix, Arizona)

**14:15-15:30 Live Surgery I Tele-Live from KOREA**

PECD (Percutaneous Endoscopic Cervical Discectomy)  
Operator: Jun-ho Lee  
(Wooridul Spine Hospital)

**Live Surgery II**

Disc-Fix (Percutaneous Endoscopic Radiofrequency Annuloplasty)  
Operator : Shu Nakamura  
(Aichi Spine Institute)

**15:45-16:56 A1-2****[MED / Micro / Epidural / Laser]**

Moderator: Dr. Sung woo Roh / Dr. Masatsune Yamagata

**A1-2-1** A Novel Microsurgical Technique; Hole Assisted Approach Through Laminofacet Articular Junction For Lumbar Disc herniation, Foraminal Stenosis And Spondylolisthesis: Video presentation

15:45-15:52

Figen Yağmur Aslan  
(Kepez medical center)

**A1-2-2** Translaminar microendoscopic herniotomy for cranially extruded lumbar disc herniation: a case report

15:52-15:59

Yasuhiro Ueda  
(Department of Orthopaedic Surgery, Fukui Prefectural Hospital)

**A1-2-3** Rectangle-tubular retractor in microendoscopic posterior lumbar surgery

15:59-16:06

Shu Nakamura  
(Department of Orthopaedic Surgery, Aichi Spine Institute)

**A1-2-4** Clinical results of thoracic microendoscopic laminectomy for the ossification of ligamentum flavum

16:06-16:16

Masaki Kawai  
(Sumiya Orthopaedic Hospital)

**A1-2-5** Return to Work after Endoscopic Discectomy for Lumbar Disc Herniation

16:16-16:26

Masatsune Yamagata, Mitsuhiro Hashimoto, Yoshikazu Ikeda, Fumitake Nakajima, Ko Shimizu, Takuro Moriya, Kazuki Fujimoto, Junnya Saito, Koji Akimoto  
(Spine and Low Back Pain Center, Department of Orthopaedic Surgery, Chiba Rosai Hospital, Japan Labour Health and Welfare Organization)

**A1-2-6** MEL with a 10 mm-diameter tubular retractor

16:26-16:36

Motohide Shibayama  
(Aichi Spine Institute)

**A1-2-7** Focused ultrasound surgery for lumbar facet joint arthritis

16:36-16:46

Takahiro Ushida<sup>1,2</sup>, Motohiro Kawasaki<sup>2</sup>, Hirofumi Nanba<sup>2</sup>, Toshikazu Tani<sup>2</sup>  
<sup>1</sup>Multidisciplinary Pain Center, Aichi Medical University  
<sup>2</sup>Dept. of Orthop. Surg., Kochi Medical School)

**A1-2-8** Low Back and Leg Pain in K Point Syndrome

16:46-16:56

Shoichi Kokubun  
(Research Center for Spine and Spinal Cord Disorders, NHO Nishitaga Hospital, Sendai)

**17:00-18:00 Special Guest Lecture II**

Moderator: Dr. Fujio Ito

LUMBAR SPINE PAIN GENERATORS AND MISS PERSPECTIVES ON SPINAL STENOSIS

Wolfgang Rauschnig

(Department of Orthopaedic Surgery, Academic University Hospital, UPPSALA, Sweden)

**DAY-1 March 29, Fri Room-B (Saiun South)**

**8:15-10:54 B1-1**

**[VP / TLIF / PLIF]**

Moderator: Dr. Cho Kyoung Suok / Dr. Hiroaki Nakamura

**B1-1-1** Surgical treatment for osteoporotic thoracolumbar unstable (non-union) vertebra with pedicle fracture

8:15-8:22

Tetsuya Abe

(Department of Orthopaedic Surgery, Tsukuba Central Hospital)

**B1-1-2** Cement Leakage into the Neural Foramen during Polymethylmethacrylate-augmented Pedicle Screw Fixation

8:22-8:29

Kang Seok Moon

(Seoul Gimpo Airport Wooridul Spine Hospital)

**B1-1-3** Non-fusion, Fracture Vertebral Augmented, Percutaneous Short Segment Transpedicular Screwing after Postural Reduction and Percutaneous Implant Removal in Neurologically Intact Unstable Thoracolumbar Burst Fractures

8:29-8:36

Chang Il Ju, Hyeun Sung Kim

(Department of Neurosurgery, Hurisarang Spine Hospital, Daejeon city, Republic of Korea)

**B1-1-4** Low volume vertebroplasty –answer to reduce the adjacent vertebral fractures

8:36-8:46

Arvind Bhawe

(Deenanath Mangeshkar Hospital, Pune

Orthopaedic Spine Surgeon & Incharge Bhawe Hospital, Pune

Dept.of Orthopaedics Bharati Vidyapeeth Medical College, Pune)

**B1-1-5** The correlation between the clinical effect and radiologic measurements of percutaneous vertebroplasty for painful compression fracture of spine

8:46-8:56

Jae-Sung Ahn

(Department of Orthopaedic Surgery, ChungNam National University Hospital, Daejeon, Korea)

**B1-1-6** The Bioactive Cement To Treat osteoporotic Compression Fracture

8:56-9:06

Shao-Keh Hsu

(Orthopedic Department of Tungs' Taichung MetroHarbor Hospital, Taiwan)

**B1-1-7** Endoscopic Vertebroplasty without Instrumentation for Insufficient Bone Union with Neurological Deficit following Osteoporotic Vertebral Fracture

9:06-9:16

Hiroaki Nakamura

(Department of Orthopaedic Surgery, Osaka City University Graduate School of Medicine)

**B1-1-8** Cauda Equina Syndrome Caused by Retropulsed Fragment After Kyphoplasty – 2 Cases Report

9:16-9:26

Chung-Ting Wu<sup>1</sup>, Hsi-Ting Lin<sup>1</sup>, Jui-Yang Hsieh<sup>2</sup>, Po-Quang Chen<sup>3</sup>

(<sup>1</sup>Cathy General hospital, Taipei City, Taiwan, <sup>2</sup>National Taiwan University Hospital,

Gin-Shan branch, New Taipei City, Taiwan, <sup>3</sup>Min-Sheng General Hospital, Taoyuan City,

Taiwan)

Moderator: Dr. Jwo-Luen Pao / Dr. Yudo Hachiya

**B1-1-9** Microscope-assisted Minimally Invasive Transforaminal Lumbar Interbody Fusion (Mini-TLIF) with Percutaneous Pedicle Screw Fixation for the Treatment of Degenerative Lumbar Diseases: A Short-Term Report

9:26-9:33

Ming-Kai Hsieh

(Department of Orthopedic Surgery, Chang Gung Memorial Hospital at Linkou)

- B1-1-10** Reduction of moderate to high grade Spondylolisthesis after circumferential releasing technique under the mini-open posterior lumbar interbody fusion  
9:33-9:40 Hyeun Sung Kim  
(Department of Neurosurgery, Hurisarang Spine Hospital, Daejeon city, Republic of Korea)
- B1-1-11** Retroperitoneal hematoma after anterior iliac bone harvest  
9:40-9:47 Soo-Yong Park  
(Seoul Gimpo Airport Wooridul Spine Hospital)
- B1-1-12** Transdural Ventral Dural Repair of Incidental Dural Tears in Anterior Lumbar Interbody Fusion: Report of Two Cases  
9:47-9:54 Jun ho Lee, Ki yong Cha  
(Seoul Gimpo Airport Wooridul Spine Hospital)
- B1-1-13** Surgical outcome of posterior lumbar interbody fusion with pedicle screw fixation for Lumbar Spondylolisthesis.  
9:54-10:04 Motoi Shoda  
(Department of Neurosurgery, Fujita Health University)
- B1-1-14** Clinical Results of MIS-TLIF based on Cloward Concept  
10:04-10:14 Yudo Hachiya  
(Hachiya Orthopaedic Hospital)
- B1-1-15** Minimal Invasive Lumbar Fusion Surgery  
~Mini open PLIF with CBT screw fixation  
10:14-10:24 Tetsuo Ohwada  
(Orthopaedic Surg. and Spinal Surgery, Kansai Rousai Hospital)
- B1-1-16** The Feasibility of Spondylolisthesis Reduction in Mini-open Transforaminal Lumbar Interbody Fusion  
10:24-10:34 Jwo-Luen Pao  
(Far-Eastern Memorial Hospital, New Taipei City, Taiwan  
Institute of Biomedical Engineering, National Taiwan University, Taipei, Taiwan)
- B1-1-17** Results with long term follow-up of percutaneous arthrodesis (Pe-PLIF)  
10:34-10:44 Daniel Gastambide<sup>1</sup>, Frédéric Jacquot<sup>1</sup>, Patrice Moreau<sup>2</sup>  
(<sup>1</sup>Paris, <sup>2</sup>Boursay, France)
- B1-1-18** Combined Posterior Short Segment Fixation and Anterior Interbody Reconstruction for Burst Fractures at Thoraco-Lumbar Lesion with Intact Caudal Endplates  
10:44-10:54 Kei Miyamoto<sup>1</sup>, Akira Hioki<sup>2</sup>, Takahiro Masuda<sup>2</sup>, Tetsuya Shimokawa<sup>2</sup>, Katsuji Shimizu<sup>2</sup>  
(<sup>1</sup>Department of Reconstructive Surgery for Spine, Bone and Joint, Gifu University School of Medicine, Gifu, Japan  
<sup>2</sup>Department of Orthopaedic Surgery, Gifu University School of Medicine, Gifu, Japan)

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

Moderator: Dr. Yasushi Miura

To do safe spinal surgery with intra-operative spinal cord monitoring

-New Alarm point of transcranial electrical stimulation motor evoked potentials-

Yukihiko Matsuyama, Sho Kobayashi

(Department of Orthopaedic Surgery, Hamamatsu Medical University School of Medicine)

Support company : Pfizer Inc

**15:45-16:49 B1-2**  
**[PELD / MIS / Tumor / Others]**

Moderator: Dr. Daniel H. Kim / Dr. Akira Dezawa

**B1-2-1** Transforaminal vs. Interlaminar Endoscopic Spine Surgery  
15:45-15:52 Guntram Krzok  
(Orthopaedic Praxis)

**B1-2-2** The design and clinical application of the surgical approach for the treatment of lumbar disc herniations based on CT guidance and percutaneous transforaminal endoscopic discectomy  
15:52-15:59 Guan Jiawen  
(The Second Department of Orthopaedics, Shandong Provincial Corps Hospital, The Chinese People's Armed Police Forces, Jinan)

**B1-2-3** SPINAL ENDOSCOPY BETWEEN IMAGINATION AND PRACTICE  
15:59-16:06 Hammad, Omar Yusef  
(Faculty of Medecine, Neurosurgery Departement Ain Shams Univ.)

**B1-2-4** Percutaneous endoscopic cystectomy for lumbar discal cyst via transforaminal route  
16:06-16:13 Hyung-Lea Cho<sup>1</sup>, Jun Seok Bae<sup>1</sup>, Jin-Sung Kim<sup>2</sup>, Kyung-Chul Choi<sup>1</sup>, Sang-Ho Lee<sup>1</sup>  
(<sup>1</sup>Department of Neurosurgery, Seoul Wooridul Spine Hospital, Seoul, Korea  
<sup>2</sup>Department of Neurosurgery, The Catholic University of Korea Seoul ST. Mary's Hospital, Seoul, Korea)

**B1-2-5** Full-endoscopic exploration of filum terminale, via interlaminar approach; Fresh cadaver study  
16:13-16:20 Ali Guven Yorukoglu  
(Artvin State Hospital Artvin / Turkey)

**B1-2-6** Posterior neck pain as a indicator of Increased Intracranial Pressure (IICP) sign during percutaneous endoscopic lumbar discectomy (PELD)  
16:20-16:27 Gun Choi, Sang-Ho Lee  
(Seoul Gimpo Airport Wooridul Spine Hospital)

**B1-2-7** Percutaneous endoscopic lumbar discectomy for central large lumbar herniation  
16:27-16:34 Minoru Yamada, Fujio Itou, Yasushi Miura, Motohide Shibayama, Shu Nakamura, Shoji Ikeda  
(Department of Orthopaedic Surgery, Aichi Spine Institute)

**B1-2-8** Sagittal Balance and Miss  
16:34-16:49 Tarik Yazar  
(University of Ankara, Faculty of Medicine Orthopaedic and Traumatology)

**DAY-1 March 29, Fri Room-C (Juraku)**

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

Moderator: Dr. Motohide Shibayama

Clinical diagnosis and surgical strategy to prevent the failed back surgery syndrome

Munehito Yoshida

(Department of Orthopaedic Surgery, Wakayama Medical University)

Support company : Elliquence-Japan Co., Ltd.

**18:00-19:00 Hands-on Seminar I**

Disc-FX

Support company : Elliquence-Japan Co., Ltd.

: Stryker Co., Ltd.

**Hands-on Seminar II**

PED (Percutaneous Endoscopic Discectomy)

Support company : Winnova Co., Ltd.

: Elliquence-Japan Co., Ltd.

: NAKANISHI Inc

**Hands-on Seminar III**

MED (Microendoscopic Discectomy)

Support company : Medtronic Sofamor Danek Co., Ltd.

: Medtronic Japan Co., Ltd.