

**INTERNATIONAL MISST**  
Gardenia Room (mezzanine floor)

**SESSION 10 Oral Presentation Award Session 1** (presentation 3min, question 1min)

17 July 2026 | 13:35-14:35

Moderators Yoshihisa Kotani, Japan | Akihiko Hiyama, Japan

Time		Title	Presenter
13:35-13:38	AS-1	Clinical Factors Affecting Outcomes of Full Endoscopic Lumbar Discectomy by the Transforaminal Approach	Yoshiro Nanjo, Japan
13:39-13:42	AS-2	Changes in Outcomes of Full Endoscopic Lumbar Discectomy for Lumbar Disc Hernia Performed in Different Operation Periods	Miho Aoki, Japan
13:43-13:46	AS-3	Clinical Outcomes and Prognostic Factors of Full-Endoscopic Debridement and Drainage (FEDD) for Pyogenic Spondylodiscitis	Yuwa Mineo, Japan
13:47-13:50	AS-4	Epinephrine-Supplemented Irrigation Improves Visualization and Surgical Workflow in Assisted Full-Endoscopic Spine Surgery	Yuka Yamami, Japan
13:51-13:54	AS-5	Assisted FESS for Recurrent Lumbar Disc Herniation in a Reoperative Lumbar Spine	Naohiro Nomura, Japan
13:55-13:58	AS-6	Learning Curve and Laterality in Assisted Full-Endoscopic Spine Surgery for Lumbar Decompression	Sho Ishiwata, Japan
13:59-14:02	AS-7	Per-Level Analysis Reveals the Intrinsic Low-Invasive Nature of Assisted Full-Endoscopic Spine Surgery Compared with Laminectomy	Kazuma Miura, Japan
14:03-14:06	AS-8	Divergent Morphological Changes of Kambin's Triangle in Degenerative Spondylolisthesis: A 3D MRI/CT Fusion Study	Katsuhisa Yamada, Japan
14:07-14:10	AS-9	The MRI-based Vertebral Bone Quality (VBQ) Score as a Predictor of Correction Loss Following Balloon Kyphoplasty	Yushi Yamaguchi, Japan
14:11-14:14	AS-10	Comparison of Treatment Outcomes between VBS and BKP	Akiyoshi Miyamoto, Japan
14:15-14:18	AS-11	Association of C5-Level Epidural Dead Space and Posterior Spinal Cord Shift with C5 Palsy After Double-Door Laminoplasty: The Protective Role of Nuchal Ligament Preservation	Kyohei Ishibashi, Japan
14:19-14:22	AS-12	Mechanistic Insights into Trans-sacral Canal Plasty: A Pilot Comparative Study of Mechanical Adhesiolysis With and Without Steroid Delivery	Yuta Yamamoto, Japan
14:23-14:26	AS-13	Next-Generation Spinal Cord Stimulation for Persistent Spinal Pain Syndrome: Early Clinical Outcomes with DTM and Closed-Loop Stimulation	Tatsuhiro Sekiya, Japan

**SESSION 13 Oral Presentation Award Session 2** (presentation 3min, question 1min)

17 July 2026 | 14:35 – 15:35

Moderators Yukihiro Nakagawa, Japan | Masayuki Ishihara, Japan

Time		Title	Presenter
14:35-14:38	AS-14	Cement Injection Volume and Intravenous Cement Leakage in Cement-Augmented Pedicle Screw Fixation: A Multicenter Screw-Level Analysis Using Generalized Estimating Equations	Tetsuto Yamaura, Japan
14:39-14:42	AS-15	Oblique Fluoroscopy Enables Early Detection of Cement Leakage During Cement-Augmented Pedicle Screw Fixation	Kazuya Kishima, Japan
14:43-14:46	AS-16	Cement Augmented Fenestrated Pedicle Screw vs Transdiscal Screw for DISH Fracture Treatment	Akiyoshi Miyamoto, Japan
14:47-14:50	AS-17	Cement-Augmented Pedicle Screw Fixation Combined with Vertebral Augmentation Reduces Early Subsequent Fractures Associated with Diffuse Idiopathic Skeletal Hyperostosis	Junya Hayashi, Japan
14:51-14:54	AS-18	Pulmonary Cement Embolism After Cement-Augmented Pedicle Screws: False-Positive Findings on Pre- and Postoperative CT	Hayato Oishi, Japan
14:55-14:58	AS-19	Cement-Augmented Pedicle Screws is Also Useful for Fixation Surgery in Pyogenic Vertebral Osteomyelitis with Osteoporosis	Soei Asuka, Japan
14:59-15:02	AS-20	Postoperative Clinical Outcomes of Full Endoscopic Trans-Kambin's Lumbar Interbody Fusion (Fullendo KLIF)	Shogo Sunenaga, Japan
15:03-15:06	AS-21	Comparison of Clinical and Radiographic outcomes between OLIF and ME-TLIF for L5/S	Keita Ito, Japan
15:07-15:10	AS-22	MIS-Reverse Kickstand Rod Technique: A Novel Minimally Invasive Strategy for Coronal Plane Correction in Adult Spinal Deformity	Masanari Ogino, Japan
15:11-15:14	AS-23	Hybrid Method Combining MIS and Open in ASD Surgery Allows Greater Correction while Preventing PJK	Ryo Shoji, Japan
15:15-15:18	AS-24	SAIFIX for Pelvic Ring Fractures: A Minimally Invasive Strategy by Spine Surgeons	Ryota Kimura, Japan
15:19-15:22	AS-25	Reference Frame Fixation on Percutaneous Pedicle Screws: A Workflow Innovation for Navigation-Guided MIS Spine Surgery	Nodoka Manabe, Japan
15:23-15:26	AS-26	Comparing Invasiveness of Single Level Instrumented Cervical Anterior Fusion and Total Cervical Disc Replacement	On Takeda, Japan

**SESSION 15 Instructional Session on Minimally Invasive Decompression** (presentation 5min, question 2min)

17 July 2026 | 15:45 – 16:45

Moderators Takashi Tomita, Japan | Kazuo Nakanishi, Japan

Time		Title	Presenter
15:45-15:50	IS-1	Beyond Biportal Approaches: AFESS as the Extension of Full-Endoscopic Spine Surgery	Takeshi Kaneko, Japan
15:52-15:57	IS-2	Bone Awareness: The Key to Safe Uniportal Full-Endoscopic Spinal Decompression	Reiko Yoneyama, Japan
15:59-16:04	IS-3	Direct Extraforaminal Access Using Unilateral Biportal Endoscopy: Approach to the Exiting Nerve Root and Disc	Kenyu Ito, Japan
16:06-16:11	IS-4	How We Select The Strategy for Spine Surgery under Local Anesthesia for Lumbar Radiculopathy: Trans-Sacral Canal Plasty or Transforaminal Full-Endoscopic Spine Surgery: An Institutional Approach Excluding Central Stenosis	Masaaki Paku, Japan
16:13-16:18	IS-5	Comparative Role of UBE and MEL in Minimally Invasive Lumbar Decompression	Masatoshi Teraguchi, Japan
16:20-16:25	IS-6	Anatomy-Based Minimally Invasive Posterior Cervical Decompression: Muscle-Preserving Selective Laminectomy	Kazuya Kitamura, Japan
16:27-16:32	IS-7	Advantages of Accurate Diagnosis on Cervical Spondylotic Radiculopathy	Shinichi Ishihara, Japan
16:34-16:39	IS-8	Microscope-Assisted Open-Door Plasty for Early Recovery Approach (OPERA) via a 3-cm Incision: Clinical Outcomes of 82 Consecutive Cases	Wataru Narita, Japan

**SESSION 17 Instructional Session on Minimally Invasive Fusion/Stabilization** (presentation 5min, question 2min)

17 July 2026 | 16:45 – 17:43

Moderators Masato Tanaka, Japan | Tomohisa Harada, Japan

Time		Title	Presenter
16:45-16:50	IS-9	Endoscopic Lumbar Interbody Fusion Using an Augmented Reality Navigation System with Intraoperative 3D Imaging: Initial Experience with Mono-portal and Bi-portal Techniques	Atsushi Kojima, Japan
16:52-16:57	IS-10	Advantages, Indications, and Pitfalls of Transforaminal Endoscopic Lumbar Interbody Fusion	Koichiro Ono, Japan
16:59-17:04	IS-11	Lithotomy-Position Technique for Posterior Bony Resection during Abdominoperineal Resection for Low Rectal and Anal Cancer	Yusuke Oshita, Japan
17:06-17:11	IS-12	Clinical Experience and Therapeutic Strategy for the Spinal Fracture with Diffuse Idiopathic Skeletal Hyperostosis	Soraya Nishimura, Japan
17:13-17:18	IS-13	Indications for Spinal Stabilization in Pyogenic Spondylitis According to the Severity of Vertebral Destruction	Keishi Maruo, Japan
17:20-17:25	IS-14	How Far Can CMIS Go in Adult Spinal Deformity? — Decision-making Strategy from Short to Long Fusion	Masayuki Ishihara, Japan
17:27-17:32	IS-15	Robotic Spine Surgery: From Accurate Screw Placement to Plan-Driven Deformity Correction	Akihiko Hiyama, Japan