

Abstract No.	Presentation No.	Style	Session title	Date	Session time		Venue		Order of Presentation	Abstract title
ANE002008	3-3-EPS7-2	Oral	English Presentation Session 7	Saturday, Apr. 20	11:00	11:48	Room 3	Conference Center 5F Meeting Room 501	2	A Longitudinal Study of Lumbar Sagittal Change in Middle-aged Healthy Volunteers
ANE002055	2-3-EPS1-5	Oral	English Presentation Session 1	Friday, Apr. 19	11:00	11:48	Room 3	Conference Center 5F Meeting Room 501	3	Analysis of the Impact of Spinopelvic Radiographic Parameters on the Severity of Cervical Spondylotic Myelopathy
ANE002016	3-3-EPS5-6	Oral	English Presentation Session 5	Saturday, Apr. 20	9:00	9:48	Room 3	Conference Center 5F Meeting Room 501	6	Anterior reconstruction provides better outcomes when correcting mild flexible cervical deformity.
ANE002052	2-3-EPS3-4	Oral	English Presentation Session 3	Friday, Apr. 19	14:50	15:30	Room 3	Conference Center 5F Meeting Room 501	4	Appropriate Selection of Lumbar Endoscopic Approach according to the various type of disc herniation
ANE002023	2-3-EPS3-5	Oral	English Presentation Session 3	Friday, Apr. 19	14:50	15:30	Room 3	Conference Center 5F Meeting Room 501	5	Cervical arteriosclerosis assessments using ultrasonography for cervical stenosis with myelopathy.
ANE002068	2-3-EPS3-2	Oral	English Presentation Session 3	Friday, Apr. 19	14:50	15:30	Room 3	Conference Center 5F Meeting Room 501	2	Clinical and Radiological Outcomes between biportal endoscopic unilateral laminotomy bilateral decompression with arthroscopy and open microscopic unilateral laminotomy bilateral decompression in lumbar spinal stenosis : Minimum 2 years Follow-up
ANE002069	3-3-EPS5-3	Oral	English Presentation Session 5	Saturday, Apr. 20	9:00	9:48	Room 3	Conference Center 5F Meeting Room 501	3	Clinical outcomes after posterior discectomy for cervical foraminal disc herniation cases
ANE002080	2-3-EPS1-6	Oral	English Presentation Session 1	Friday, Apr. 19	11:00	11:48	Room 3	Conference Center 5F Meeting Room 501	4	Complications in Idiopathic Scoliosis surgery.
ANE002074	1-P39-1	Poster	Poster 39	Thursday, Apr. 18	17:10	17:40	Poster Room	Exhibition Hall A	1	Contralateral ligament flavum sparing foraminotomy by biportal technique
ANE002097	3-3-EPS5-1	Oral	English Presentation Session 5	Saturday, Apr. 20	9:00	9:48	Room 3	Conference Center 5F Meeting Room 501	1	Current Evidence on Laminoplasty versus Laminectomy Effectiveness for Cervical Stenosis Myelopathy: A Systematic Review
ANE002088	3-3-EPS7-1	Oral	English Presentation Session 7	Saturday, Apr. 20	11:00	11:48	Room 3	Conference Center 5F Meeting Room 501	1	Differences in cervical sagittal alignment between the standing and sitting positions
ANE002053	3-3-EPS7-4	Oral	English Presentation Session 7	Saturday, Apr. 20	11:00	11:48	Room 3	Conference Center 5F Meeting Room 501	4	Does titanium plate need to be used for all lamina in expansive open-door laminoplasty? Study on bone healing proportion of hinge part and restenosis of spinal canal.
ANE002007	2-3-EPS2-2	Oral	English Presentation Session 2	Friday, Apr. 19	13:40	14:28	Room 3	Conference Center 5F Meeting Room 501	2	Dose Postoperative Antimicrobial Prophylaxis Administration for more than 24 Hours Prevent Surgical Site Infection in Revision Spine Surgery?
ANE002094	1-P39-3	Poster	Poster 39	Thursday, Apr. 18	17:10	17:40	Poster Room	Exhibition Hall A	2	Drop Head, Is It Rheumatoid Arthritis of the Cervical Spine, Systemic Lupus Erythematosus or Neglected Grisel Disease? A Case Report
ANE002058	3-3-EPS6-5	Oral	English Presentation Session 6	Saturday, Apr. 20	10:00	10:48	Room 3	Conference Center 5F Meeting Room 501	5	Early neurological deterioration after anterior cervical discectomy with fusion: a retrospective clinical study
ANE002003	2-3-EPS4-3	Oral	English Presentation Session 4	Friday, Apr. 19	16:10	16:58	Room 3	Conference Center 5F Meeting Room 501	3	Epidural Fat-derived Mesenchymal Stem Cell (EF-MSC)
ANE002093	3-3-EPS6-2	Oral	English Presentation Session 6	Saturday, Apr. 20	10:00	10:48	Room 3	Conference Center 5F Meeting Room 501	2	Fusion rates and incidence of inner and outer intervertebral bone bridge following lateral lumbar interbody fusion in multilevel instrumented spinal surgery.
ANE002034	3-3-EPS7-3	Oral	English Presentation Session 7	Saturday, Apr. 20	11:00	11:48	Room 3	Conference Center 5F Meeting Room 501	3	Impaired balance ability in patients with lumbar spinal canal stenosis
ANE002056	2-3-EPS3-3	Oral	English Presentation Session 3	Friday, Apr. 19	14:50	15:30	Room 3	Conference Center 5F Meeting Room 501	3	Interlaminar/Interspinous and Facet Joint Stabilization System in Lumbar DDD: Preliminary Results
ANE002009	2-3-EPS4-5	Oral	English Presentation Session 4	Friday, Apr. 19	16:10	16:58	Room 3	Conference Center 5F Meeting Room 501	5	Kinetic Change of Spinal Cord Compression on Flexion-Extension Magnetic Resonance Imaging in Cervical Spine
ANE002066	3-3-EPS7-6	Oral	English Presentation Session 7	Saturday, Apr. 20	11:00	11:48	Room 3	Conference Center 5F Meeting Room 501	6	Lateral corpectomy with anterior longitudinal ligament release in cases with severe fixed kyphosis

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ANE002013	2-3-EPS2-5	Oral	English Presentation Session 2	Friday, Apr. 19	13:40	14:28	Room 3	Conference Center 5F Meeting Room 501	5	Long-term impacts of full-time brace treatment for adolescent idiopathic scoliosis on musculoskeletal system in adulthood
ANE002014	3-3-EPS6-4	Oral	English Presentation Session 6	Saturday, Apr. 20	10:00	10:48	Room 3	Conference Center 5F Meeting Room 501	4	Lumbar Muscle Volume and Fat Infiltration in the Degenerative Spine
ANE002101	3-3-EPS5-2	Oral	English Presentation Session 5	Saturday, Apr. 20	9:00	9:48	Room 3	Conference Center 5F Meeting Room 501	2	Mean Difference of Japanese Orthopaedic Association Score Between Open and French Door Laminoplasty For Multilevel Cervical Myelopathy: A Meta-analysis
ANE002002	3-3-EPS5-4	Oral	English Presentation Session 5	Saturday, Apr. 20	9:00	9:48	Room 3	Conference Center 5F Meeting Room 501	4	Minimum Clinically Important Difference and Patient Acceptable Symptom State of Japanese Orthopaedic Association Score in Degenerative Cervical Myelopathy Patients
ANE002098	1-P39-5	Poster	Poster 39	Thursday, Apr. 18	17:10	17:40	Poster Room	Exhibition Hall A	3	Oswestry Disability Index and Visual Analogue Scale in Percutaneous Endoscopic Lumbar Discectomy on Lumbar Disc Herniation
ANE002087	3-3-EPS6-6	Oral	English Presentation Session 6	Saturday, Apr. 20	10:00	10:48	Room 3	Conference Center 5F Meeting Room 501	6	Patients' Satisfaction after Lateral Access Surgery for Degenerative Lumbar Diseases —Comparison with Conventional Transarticular Interbody Fusion
ANE002076	2-3-EPS4-2	Oral	English Presentation Session 4	Friday, Apr. 19	16:10	16:58	Room 3	Conference Center 5F Meeting Room 501	2	Potential involvement of oxidative stress/inflammatory cytokines cascade in ligamentum flavum hypertrophy
ANE002041	2-3-EPS4-4	Oral	English Presentation Session 4	Friday, Apr. 19	16:10	16:58	Room 3	Conference Center 5F Meeting Room 501	4	Predictors of Neurological Disability Among Adults Following Traumatic Spinal Injuries in A Center in Saudi Arabia. A Retrospective Medical Record Review
ANE002070	3-3-EPS6-3	Oral	English Presentation Session 6	Saturday, Apr. 20	10:00	10:48	Room 3	Conference Center 5F Meeting Room 501	3	Preoperative Frailty Status Can Predict Discharge Disposition Following Elective Posterior Decompression Spine Surgery: A Prospective Multi-center Study
ANE002079	3-3-EPS5-5	Oral	English Presentation Session 5	Saturday, Apr. 20	9:00	9:48	Room 3	Conference Center 5F Meeting Room 501	5	Principal component analysis of acute magnetic resonance imaging predicts neurological improvements in patients with cervical spinal cord injury after early surgical decompression
ANE002044	2-3-EPS4-6	Oral	English Presentation Session 4	Friday, Apr. 19	16:10	16:58	Room 3	Conference Center 5F Meeting Room 501	6	Reduction effect of radiation exposure to the patient during CT examination: a cadaveric study
ANE002046	2-3-EPS1-1	Oral	English Presentation Session 1	Friday, Apr. 19	11:00	11:48	Room 3	Conference Center 5F Meeting Room 501	1	Relationship between changes in segmental kyphosis of fractured vertebra and global sagittal alignment of spine in surgically treated thoraco-lumbar fracture patients.
ANE002047	2-3-EPS2-3	Oral	English Presentation Session 2	Friday, Apr. 19	13:40	14:28	Room 3	Conference Center 5F Meeting Room 501	3	Relationship between pelvic incidence and morphological parameters of acetabulum.
ANE002096	1-P39-6	Poster	Poster 39	Thursday, Apr. 18	17:10	17:40	Poster Room	Exhibition Hall A	4	Severe Adolescent Idiopathic Scoliosis Lenke 3CN with Two Stage Operation: A Case Report
ANE002095	2-3-EPS3-1	Oral	English Presentation Session 3	Friday, Apr. 19	14:50	15:30	Room 3	Conference Center 5F Meeting Room 501	1	Surgical Treatment for Infectious Spondylitis Using Posterior Instrumentation -Outcomes, Complications, and Efforts for Minimum Invasiveness using Percutaneous Pedicle Screws (PPS)-
ANE002045	2-3-EPS2-4	Oral	English Presentation Session 2	Friday, Apr. 19	13:40	14:28	Room 3	Conference Center 5F Meeting Room 501	4	The Adjacent Motion Segment Alterations Following Dynesys Fixation along with Stability-Preserving Decompression for Lumbar Degenerative Stenosis- Retrospective Analysis with Mean 90 months follow-up
ANE002092	2-3-EPS1-2	Oral	English Presentation Session 1	Friday, Apr. 19	11:00	11:48	Room 3	Conference Center 5F Meeting Room 501	2	The mobility sparing benefits of selective thoracic fusions for adolescent idiopathic scoliosis are evident 10 years postoperatively
ANE002078	3-3-EPS7-5	Oral	English Presentation Session 7	Saturday, Apr. 20	11:00	11:48	Room 3	Conference Center 5F Meeting Room 501	5	The new strategy for the treatment of cerebrospinal fluid leakage following lumbar surgery
ANE002035	2-3-EPS4-1	Oral	English Presentation Session 4	Friday, Apr. 19	16:10	16:58	Room 3	Conference Center 5F Meeting Room 501	1	Therapeutic impact of grafted human oligodendrogenic-directly reprogrammed neural progenitor cells combined with sustained delivery of chondroitinase ABC using an innovative methylcellulose biomaterial for chronic spinal cord injury
ANE002073	2-3-EPS2-1	Oral	English Presentation Session 2	Friday, Apr. 19	13:40	14:28	Room 3	Conference Center 5F Meeting Room 501	1	Use of Intraoperative Neuromonitoring in Lumbar Spine Surgery is Associated with Reduced Incidence of Postoperative Urinary Retention (POUR)
ANE002075	3-3-EPS6-1	Oral	English Presentation Session 6	Saturday, Apr. 20	10:00	10:48	Room 3	Conference Center 5F Meeting Room 501	1	Where is the optimal position of CBT screw end point? - From the aspect of an anatomical position-related study of CBT screw in Lumbosacral fixation -