

**The 45th Annual Meeting of the Japanese Society for Spine Surgery and Related Research
The List of Abstracts Accepted for English Presentation Session**

Submission Number	Presentation Number	Session Title	Session Theme	Venue	Session day	Start	End	Presentation Order	Title of Abstract
10013	1-7-EPA-4	English Presentation Award	Infection/Trauma	Room 7 (3F 304)	April 14 (Thursday)	16:00	17:04	4	Temporary short-segment fixation for thoracolumbar burst fractures. -comparative study with or without vertebroplasty-
10014	1-7-EPA-5	English Presentation Award	Infection/Trauma	Room 7 (3F 304)	April 14 (Thursday)	16:00	17:04	5	The Effectiveness of Early Reduction or Decompression of Cervical Spinal Dislocation with Motor Complete Paralysis - Multicenter study -
10016	1-7-EPS3-4	English Presentation Session 3	Trauma	Room 7 (3F 304)	April 14 (Thursday)	10:10	11:14	4	Radiographical Risk Factors of Vertebral Artery Injury in Cervical Spine Dislocation& - Multi-Institutional Study Using CT Angiography -
10018	1-7-EPS3-2	English Presentation Session 3	Trauma	Room 7 (3F 304)	April 14 (Thursday)	10:10	11:14	2	Facilitation of volitional walking using transvertebral magnetic stimulation via closed-loop computer interface in individuals with severe spinal cord injury
10019	1-7-EPA-3	English Presentation Award	Infection/Trauma	Room 7 (3F 304)	April 14 (Thursday)	16:00	17:04	3	Seasonal Variations in the Incidence of Early Surgical Site Infection Following Elective Spinal Fusion Surgery: A Retrospective Study Using the Japanese Diagnosis Procedure Combination Database
10024	1-7-EPS2-4	English Presentation Session 2	Infection 2	Room 7 (3F 304)	April 14 (Thursday)	9:20	10:00	4	Is intrawound application of vancomycin effective for the prophylaxis of SSI ? A multi-center cohort study using propensity score matching.
10026	1-7-EPS1-2	English Presentation Session 1	Infection 1	Room 7 (3F 304)	April 14 (Thursday)	8:30	9:10	2	Anterior spinal fusion for spinal tuberculosis in elderly patients over 80 years old
10027	1-7-EPS2-5	English Presentation Session 2	Infection 2	Room 7 (3F 304)	April 14 (Thursday)	9:20	10:00	5	Postoperative infection after spinal surgery in rheumatoid arthritis patients treated with either nonbiologic or biologic disease-modifying antirheumatic drugs: a retrospective study
10031	1-7-EPS1-5	English Presentation Session 1	Infection 1	Room 7 (3F 304)	April 14 (Thursday)	8:30	9:10	5	Analysis of risk factors of pyogenic discitis following decompression surgery for lumbar canal stenosis
10034	1-7-EPS3-8	English Presentation Session 3	Trauma	Room 7 (3F 304)	April 14 (Thursday)	10:10	11:14	8	Lateral measurement of lumbar bone mineral density can potentially improve the estimation of fracture risk in early postmenopausal women and patients with severe osteoporosis. A study of 2281 cases.
10036	1-7-EPS2-3	English Presentation Session 2	Infection 2	Room 7 (3F 304)	April 14 (Thursday)	9:20	10:00	3	Consultation with the Infection Control Team for cases with infection after spinal surgery
10037	1-7-EPS1-1	English Presentation Session 1	Infection 1	Room 7 (3F 304)	April 14 (Thursday)	8:30	9:10	1	MINIMALLY INVASIVE DORSAL PERCUTANEOUS SPONDYLODESIS FOR THE TREATMENT OF ADULT PYOGENIC SPONDYLODISITIS
10039	1-7-EPS3-5	English Presentation Session 3	Trauma	Room 7 (3F 304)	April 14 (Thursday)	10:10	11:14	5	Surgical management of thoracolumbar burst fractures: an analysis of surgical indication based on the thoracolumbar injury classification system and the load-sharing classification
10042	1-7-EPS3-7	English Presentation Session 3	Trauma	Room 7 (3F 304)	April 14 (Thursday)	10:10	11:14	7	Sacral three column osteotomies for sacral fracture after multilevel spinal fusion
10045	1-7-EPA-2	English Presentation Award	Infection/Trauma	Room 7 (3F 304)	April 14 (Thursday)	16:00	17:04	2	Prospective Multicenter Surveillance and Risk Factor Analysis of Deep Surgical Site Infection after Posterior Thoracic and/or Lumbar Spinal Surgery in Adults

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10046	1-7-EPA-8	English Presentation Award	Infection/Trauma	Room 7 (3F 304)	April 14 (Thursday)	16:00	17:04	8	Therapeutic impact of human iPS cell-derived neural precursor cells in cervical spinal cord injury
10048	1-7-EPS3-1	English Presentation Session 3	Trauma	Room 7 (3F 304)	April 14 (Thursday)	10:10	11:14	1	Microglial basic fibroblast growth factor contributes neuropathic pain via myeloperoxidase production
10051	1-7-EPS1-3	English Presentation Session 1	Infection 1	Room 7 (3F 304)	April 14 (Thursday)	8:30	9:10	3	Efficacy of Minimally Invasive spine Stabilization for Spinal Infection
10054	1-7-EPA-6	English Presentation Award	Infection/Trauma	Room 7 (3F 304)	April 14 (Thursday)	16:00	17:04	6	Spinal cord derived neural progenitor cell grafts induce corticospinal regeneration and improve forelimb function after spinal cord injury
10065	1-7-EPA-1	English Presentation Award	Infection/Trauma	Room 7 (3F 304)	April 14 (Thursday)	16:00	17:04	1	Development of a novel antimicrobial coating for biomedical polymers – its antibacterial activities both in vitro and in vivo –
10073	1-7-EPS2-2	English Presentation Session 2	Infection 2	Room 7 (3F 304)	April 14 (Thursday)	9:20	10:00	2	A prospective comparative study in surgical preparation solutions for posterior spine surgeries: chlorhexidine-gluconate ethanol vs povidone-iodine
10074	1-7-EPA-7	English Presentation Award	Infection/Trauma	Room 7 (3F 304)	April 14 (Thursday)	16:00	17:04	7	Why do cervical spine injury patients with diffuse idiopathic skeletal hyperostosis have high mortality? A morphological examination of the costovertebral joints
10075	1-7-EPS3-3	English Presentation Session 3	Trauma	Room 7 (3F 304)	April 14 (Thursday)	10:10	11:14	3	Randomized, Placebo-controlled, Double-blinded Trial of Granulocyte Colony Stimulating Factor-Mediated Neuroprotection for Acute Spinal Cord Injury
10076	1-7-EPS2-1	English Presentation Session 2	Infection 2	Room 7 (3F 304)	April 14 (Thursday)	9:20	10:00	1	Delayed <I>Propionibacterium acnes </I>surgical-site infections occur only in the presence of an implant
10079	1-7-EPS3-6	English Presentation Session 3	Trauma	Room 7 (3F 304)	April 14 (Thursday)	10:10	11:14	6	Clinical features of spinal fractures with DISH – comparison the difference in the injury site between the cervical spine and the thoracolumar junction
10082	1-7-EPS1-4	English Presentation Session 1	Infection 1	Room 7 (3F 304)	April 14 (Thursday)	8:30	9:10	4	Potential biomarkers of surgical site infection identified by plasma metabolome analysis in mice.