

**The 26th Annual Meeting of the Japan Society for
the Study of Surgical Techniques for Spine and Spinal Nerves (JPSTSS2019)**

6 September (Fri.) 2019

Seminar category	Time	Venue	Title	Speaker
Spine Leader's Lecture1	8:30~9:00	Room2	1000 cases of microsurgical anterior cervical Foraminotomy (MacF) for cervical radiculopathy	Naoto TSUCHIYA
	9:00~9:30		How to calculate the accurate correction angle of kyphosis in an adult spine deformity, considering ompensation mechanism and reciprocal change - The advanced Sanraku Formula -	Shigeo SANO
Hands-on Session 1	8:30~9:30	Room4	Advanced expandable technology, and its surgical technique	Takuya NUMASAWA
Spine Leader's Lecture 2	9:35~10:05	Room2	Corrective fixation surgery using multi-level PLIF for adult spinal deformity	Eiji ABE
	10:05~10:35		Indication and long-term follow-up study of chemonucleolysis with condoliase after clinical trials of condoliase for lumbar disc herniation	Yukihiro MATSUYAMA
Spine Leader's Lecture 3	9:45~10:45	Room3	①Instrumentation-related complications after spinal surgery in adult spinal deformity ②Navigation-assisted spinal surgery in the hybrid operating room	①Keishi MARUO ②Ryoji YAMASAKI
Hands-on Session 2	10:00~11:00	Room4	Tips and tricks for discectomy and endplate preparation in lumber interbody fusion	Mitsuru TAKEMOTO
Instructional Lecture 1	10:40~11:40	Room1	Relationship between quality of life and radiology: Is the optimal deformity correction the best treatment?	Louis Boissière
Luncheon Seminar 1	12:00~13:00	Room1	Laminoplasty using suture anchors for cervical spondylosis and spinal cord tumors	Kazutoshi HIDA
Luncheon Seminar 2	12:00~13:00	Room2	Computer aided surgical resection and reconstruction of spinal tumors	Jianru Xiao
Luncheon Seminar 3	12:00~13:00	Room3	Experience of intra laminar and trans foraminal endoscopic spine surgery -Navigation technology for endoscopic spine surgery (intracs) -	Jiao- Chao Yang
Tea Time Seminar 1	15:40~16:40	Room2	Surgical strategy for elderly spinal deformity with osteoporotic vertebral fracture	Yukihiro MATSUYAMA
Tea Time Seminar 2	15:40~16:40	Room3	Technical development of balloon kyphoplasty for early stage osteoporotic vertebral fracture	Yukihiro NAKAGAWA
Spine Leader's Lecture 4	16:45~17:45	Room1	①Anterior cervical decompression with fusion and interbody cage ②Future development of anterior cervical decompression and fusion	①Kenichiro SAKAI ②Masahito HARA
Spine Leader's Lecture 5	16:45~17:45	Room2	Cervical disc replacement : Mobile core technology	Joseph Ming Kuen Lam
Spine Leader's Lecture 6	17:50~18:20	Room1	Adult spinal deformity	Michael A. Rauschmann
	18:20~18:50		Spinal surgery in the latest hybrid navigation operating room	Jun TAKAHASHI
Spine Leader's Lecture 7	17:50~18:50	Room2	The key role of augmented intelligence in the future of adult deformity treatment	Christopher P. Ames
Spine Leader's Lecture 8	17:50~18:20	Room3	Development and refinement of calcium phosphate cement - Its clinical application to spine surgery -	Ryuichi TAKEMASA
	18:20~18:50		Challenging to metastatic spinal tumors	Kazuo NAKANISHI

7 September (Sat.) 2019

Seminar category	Time	Venue	Title	Speaker
Hands-on Session 3	8:15~9:45	Room4	Prestige LP™ total disc replacement -Indication and surgical techniques-	Toshihiko INUI
Hands-on Session 4	8:15~9:45	Room5	Total disc replacement (Mobi-C) -Basic techniques and pitfalls-	Ken ISHII
Instructional Lecture 2	9:20~10:20	Room2	Cervical nerve root block and ultrasound-guided needle technique in hand surgery	Yasuaki NAKANISHI
Spine Leader's Lecture 9	10:25~10:55	Room2	Correction surgery for adult spinal deformity using C-MIS technique	Takanori SAITO
	10:55~11:25		Lumbar intervertebral fixation with titanium fiber mesh spacer -An advanced material which have high affinity and low elasticity-	Kazuyuki FUKUSHIMA
Hands-on Session 5	10:30~12:30	Room4	The technique of ultrasound observation of cervical nerve roots and brachial plexus	Yasuaki NAKANISHI
Hands-on Session 6	10:30~12:30	Room5	Fundamental bone drilling techniques for practical spinal surgery	Nobuyuki SHIMOKAWA
Instructional Lecture 3	11:30~12:30	Room2	Lateral skull base approach for pathologies of the craniovertebral junction	Masahiko WANIBUCHI
Luncheon Seminar 4	12:50~13:50	Room2	Usefulness of titanium implant for cervical laminoplasty - Focusing on combined usage with foraminotomy -	Akiyoshi YAMAZAKI
Luncheon Seminar 5	12:50~13:50	Room3	Knack and pitfall of instrumentation surgery for the cervical spine	Hiroshi MIYAMOTO
Spine Leader's Lecture 10	14:00~14:30	Room2	History of scoliosis brace and recommendation of night brace	Yoshihiro SEMOTO
	14:30~15:00		Mid-term and long-term clinical results of non-fusion stabilization for degenerative lumbar diseases	Hideki OTA
Spine Leader's Lecture 11	14:00~14:30	Room3	Neuropathic pain mechanisms and treatment	Takahiro USHIDA
	14:30~15:00		Ultrasound -guided cervical facet block for cricked neck	Manabu MAEDA
Instructional Lecture 4	14:00~15:00	Room1	Application of oblique lateral lumbar interbody fusion for osteoporotic case and revision spinal fusion	Joseph Ming Kuen Lam