

AOSpine Advanced Symposium

Saturday, 29 July 2017 - Sunday, 30 July 2017

Taichung, Taiwan

Saturday, 29 Jul 2017 (Day 1)

Start	End	Title		Moderators/Faculty	Duration
08:30	08:40	Opening remarks	Welcome (Introduction of AOSpine)		10
08:40	10:40	MIS spinal fusion and percutaneous transpedicular screws fixation (pTPS)		Chiung Chyi Shen; Chung Chek Wong	120
		MIS Transforaminal lumbar interbody fusion (TLIF) + pTPS			0
08:40	08:45	Lecture	Transforaminal lumbar interbody fusion (TLIF): Surgical techniques and common pitfalls	Chung Chek Wong	5
08:45	08:55	Lecture	Transforaminal lumbar interbody fusion (TLIF): Cons and complications	Fon-Yih Tsuang	10
08:55	09:05	Lecture	Multi-level is MIS-TLIF + pTPS possible?	Fon-Yih Tsuang	10
09:05	09:15	Lecture	MIS-TLIF + pTPS under robotic arm imaging	Shiu-Jau Chen	10
09:15	09:25	Lecture	MIS-TLIF + pTPS under mobile 3D navigation	Tzu-Tsao Chung	10
09:25	09:35	Lecture	MIS-TLIF + pTPS under robotic surgery	Yu-Feng Su	10
		Transposas approach interbody fusion interbody fusion + pTPS			0
09:35	09:40	Lecture	Transposas approach interbody fusion: Surgical techniques and common pitfalls	Chung Chek Wong	5
09:40	09:50	Lecture	Transposas approach interbody fusion interbody fusion: Evidence and tips	Masato Tanaka	10
09:50	10:00	Lecture	Transposas approach interbody fusion interbody fusion: Cons and complications	Masato Tanaka	10
		Anterior oblique interbody fusion + pTPS			0
10:00	10:05	Lecture	Anterior oblique interbody fusion: Surgical techniques and common pitfalls	Wattana Mahattanakul	5
10:05	10:15	Lecture	Anterior oblique interbody fusion: Evidence and tips	Masato Tanaka	10
10:15	10:25	Lecture	Anterior oblique interbody fusion: Cons and complications	Wattana Mahattanakul	10
10:25	10:40	Discussion	Case solution and interactive discussion	Wattana Mahattanakul; Chiung Chyi Shen; Fon-Yih Tsuar	15
10:40	11:00	Tea Break			20
11:00	13:30	MIS Cortical bone trajectory (CBT) for lumbar transpedicular screw fixation		Kang Lu; Masato Tanaka	150
11:00	11:05	Lecture	MIS Cortical bone trajectory (CBT): Surgical techniques and common pitfalls	Shih-Huang Tai	5
11:05	11:15	Lecture	MIS Cortical bone trajectory (CBT): Evidence and tips	Masato Tanaka	10
		Unilateral MIS-TLIF + lumbar transpedicular screw fixation			0
11:15	11:20	Lecture	Unilateral MIS-TLIF + TPS: Surgical techniques and common pitfalls	Wen-Hsiang Chou	5
11:20	11:30	Lecture	Unilateral versus bilateral transpedicular screw fixation of MIS-TLIF	Wen-Hsiang Chou	10
		Dynamic stabilization			0
		Pedicule screw-based dynamic stabilization			0
11:30	11:35	Lecture	Evidence and tips for pedicle screw based dynamic stabilization	Shih-Tien Wang	5
11:35	11:45	Lecture	Cons, complications and recent trends	Chien-Min Lin	10
		Interspinous spacer-based dynamic stabilization devices			0
11:45	11:50	Lecture	Evidence and tips for interspinous spacer-based dynamic stabilization	Kang Lu	5
11:50	12:00	Lecture	Cons, complications and recent trends	Chien-Min Lin	10
		Dynamic stabilization versus fusion for treatment of degenerative spine conditions			0
12:00	12:10	Lecture	Symptomatic degenerative lumbar disorder: Based on patient's guide	Chih-Ju Chang	10
12:10	12:20	Lecture	Symptomatic degenerative lumbar disorder: Based on doctor's guide	Shih-Tien Wang	10
12:20	12:35	Discussion	Case solution and interactive discussion	Shih-Huang Tai; Kang Lu; Chiung Chyi Shen	15
12:35	13:30	Lunch			55
		MIS Percutaneous endoscopic lumbar spinal surgery			0
13:30	15:30	Inter-laminar vs transforaminal approach		Chien-Min Chen; Shao-Keh Hsu	120
13:30	13:35	Lecture	Basic principles and set up for percutaneous endoscopic lumbar discectomy (PELD)	Shao-Keh Hsu	5
13:35	13:45	Lecture	Common mistakes and complication during endoscopic spinal surgery – How to avoid?	Shao-Keh Hsu	10
13:45	13:55	Lecture	Endoscopic spinal surgery techniques: Advancements, indications, and outcomes	Ming-Hsien Hu	10
13:55	14:05	Lecture	PELD-Strategy of transforaminal approach: Surgical techniques, common pitfalls and outcome	Ming-Hsien Hu	10
14:05	14:15	Lecture	PELD-Strategy of interlaminar approach: Surgical techniques, common pitfalls and outcome	Chien-Min Chen	10
14:15	14:25	Lecture	PELD-Strategy for paracentral disc herniations – Technique and outcome	Wei-Sheng Juan	10
14:25	14:35	Lecture	PELD-Strategy for highly migrated discs – Technique and outcome	Chien-Min Chen	10
14:35	14:45	Lecture	Endoscopic lumbar decompression, foraminoplasty for lumbar stenosis: Technique, pitfalls and outcome	Chien-Min Chen	10
14:45	14:55	Lecture	Biportal endoscopic decompression for lumbar spinal stenosis: Technique, pitfalls and outcome	Wei-Sheng Juan	10
14:55	15:05	Lecture	Micro-endoscopic discectomy – Technique, tips, tricks and outcome	Chung Chek Wong	10

15:05	15:15	Lecture	Micro-endoscopic decompressive laminotomy for lumbar stenosis	Masato Tanaka	10
15:15	15:30	Discussion	Case solution and interactive discussion	Chien-Min Chen; Ming-Hsien Hu; Masato Tanaka	15
15:30	16:00	Tea break			30
16:00	17:30	Lumbar adjacent segment disease (ASD) and other complications		Yen-Jen Chen; Wattana Mahattanakul	90
16:00	16:05	Lecture	ASD following lumbar spine surgery: Etiology, risk factors and incidence	Yen-Jen Chen	5
16:05	16:15	Lecture	Indication and tips for revision of ASD with decompression only	Dar Ming Lai	10
16:15	16:25	Lecture	Indication and tips for revision of ASD with fusion	Chi-Chien Niu	10
16:25	16:35	Lecture	Indication and tips for revision of ASD with dynamic stabilization	Chiung Chyi Shen	10
16:35	16:45	Lecture	Reduction in ASD after multi-level posterior lumbar interbody fusion with IPD	Ej-Jan Lee	10
16:45	16:55	Lecture	Could dynamic-hybrid stabilization device prevent ASD after in lumbar stenosis surgery?	Ej-Jan Lee	10
16:55	17:05	Lecture	Could the topping-off technique prevent ASD after multi-level posterior lumbar interbody fusion?	Po-Hsin Chou	10
17:05	17:15	Lecture	Could the hybrid constructions prevent ASD after multi-level posterior lumbar interbody fusion?	Shiu-Jau Chen	10
17:15	17:30	Discussion	Case solution and interactive discussion	Yen-Jen Chen; Po-Hsin Chou; Po-Liang Lai	15

Sunday, 30 Jul 2017 (Day 2)

Start	End		Title	Moderators/Faculty	Duration
			Cervical Degenerative Diseases		0
08:00	10:00		Anterior surgery for degenerative cervical spine	Chih-Ju Chang; Wen-Cheng Huang	120
08:00	08:05	Lecture	Principle of selection the appropriate approach for management of multi-level CSR/CSM	Chi-Chien Niu	5
08:05	08:15	Lecture	Anterior Surgery: Indication, limitations and know-how	Wen-Yu Cheng	10
08:15	08:25	Lecture	Anterior cervical corpectomy/fusion: Indications, techniques and complications	Masato Tanaka	10
08:25	08:35	Lecture	Anterior surgical treatment for multi-level CSR/CSM with ACDF and plating	Chi-Chien Niu	10
08:35	08:45	Lecture	Comparison with different protheses in the cervical arthroplasty	Wen-Cheng Huang	10
08:45	08:55	Lecture	When is an ADR NOT indicated? – The perils and disasters	Wen-Yu Cheng	10
08:55	09:05	Lecture	Hybrid cervical replacement vs multi-level cervical ADR	Chih-Ju Chang	10
09:05	09:15	Lecture	Anterior surgical treatment for multi-level CSR/CSM with ADR	Wen-Cheng Huang	10
09:15	09:25	Lecture	Revision surgeries following artificial disc replacement of cervical spine	Jau-Ching Wu	10
09:25	09:35	Lecture	The long-term outcome for arthroplasty vs ACDF	Jau-Ching Wu	10
09:35	09:45	Lecture	Lessons learned in cervical sagittal balance	Chung Chek Wong	10
09:45	10:00	Discussion	Case solution and interactive discussion	Wen-Cheng Huang; Chiung Chyi Shen; Jau-Ching Wu	15
10:00	10:20	Tea break			20
10:20	11:20		Posterior surgery for degenerative cervical spine	Jau-Ching Wu; Masato Tanaka	60
10:20	10:25	Lecture	Posterior surgical treatment for CSR/CSM: Indication, limitations and know-how	Wattana Mahattanakul	5
10:25	10:35	Lecture	Posterior surgical treatment for CSR/CSM: Laminectomy C/S fusion (pedicle or lateral mass screw)	Tzu-Tsao Chung	10
10:35	10:45	Lecture	Posterior surgical treatment for CSR/CSM: Foranostomy/french door or open door laminoplasty	Masato Tanaka	10
10:45	10:55	Lecture	Posterior pedicle or lateral mass screw fixation in cervical deformity	Chih-Ju Chang	10
10:55	11:05	Lecture	Combined anterior-posterior approaches for CSR/CSM: Indications and outcome	Jau-Ching Wu	10
11:05	11:20	Discussion	Case solution and interactive discussion	Wattana Mahattanakul; Masato Tanaka; Jau-Ching Wu	15
11:20	12:20		OPLL in the cervical spine		60
11:20	11:25	Lecture	Genetics, heritability, etiology and natural history of OPLL	Wattana Mahattanakul	5
11:25	11:35	Lecture	Surgical strategy for multi-level severe OPLL	Wattana Mahattanakul	10
11:35	11:45	Lecture	Anterior approaches for treatment of multi-level OPLL	Chiung Chyi Shen	10
11:45	11:55	Lecture	Multi-segment laminectomies for myelopathy due to the OPLL in the cervical lesion	Jau-Ching Wu	10
11:55	12:05	Lecture	Laminoplasty in OPLL - French door or open door method	Masato Tanaka	10
12:05	12:20	Discussion	Case solution and interactive discussion	Chih-Ju Chang; Masato Tanaka; Jau-Ching Wu	15
12:20	12:30				10
12:20	12:30	Closing remarks	Closing remark		10