

**The 9th Annual Meeting of ASIA SPINE and The 17th Annual Meeting of Taiwan Neurosurgical Spine Society
AGENDA**

**June 09, 2018(Saturday) 張榮發基金會國際會議中心 10樓
Chang Yung Fa Foundation International Convention Center 10F**

1001				1003				
Time	Topic	Speaker	Moderator	Time	Topic	Speaker	Moderator	
08:30-16:30 Registration								
09:00-09:10	Presidential Address	E Jian Lee		09:00-09:10	N/A			
	Neurospinal Society of Japan	Phyo Kim						
	Korean Spinal Neurosurgery Society	Geun Sung Song						
09:15-09:35	Atlantoaxial (C1-2) Screw Fixation Using Full-time O-arm Navigation System	Geun Sung Song	E Jian Lee 李宜堅 Chien Min Lin 林乾閔 Yoon Ha	09:10-09:17	High Cervical Lateral Approach for Spinal Tumors of Ventral or Lateral Location: Technical Note	Kentaro Naito	Ming Chao Huang 黃銘超 Zhen Xing Gao 高振興 His Kai Tsou 鄒錫凱	
09:35-09:55	Effectiveness of Navigation Guided Drill for C1/2 Transarticular Fixation	Yukoh Ohara		09:17-09:24	Trans-spinal Canal Screwing Technique for Atlanto-axial Anomaly -technical note and two case reports	Kento Takebayashi		
				09:24-09:31	Anterior Transarticular Screw Fixation for Atlantoaxial Instability	Masao Umegaki		
				09:31-09:38	Is the Atlas Size Associated with the Pathophysiology of Symptomatic Spinal Canal Stenosis at the C1 Level?	Hitoshi Yamahata		
				09:38-09:46	Open Discussion			
09:55-10:15	Strategical Approaches to the Cranio-Vertebral Junction	Jau Ching Wu		09:46-09:53	Lumbosacral Chronic Subdural Hematoma: a case report	Takeshi Aoyama	Wen Hsin Hsu 徐文星 Che Chao Chang 張哲肇 Jun Huan Zheng 鄭均涓	
				09:53-10:00	Cervical and Thoracic Spinal Epidural hematoma in Ankylosing Spondylitis: case series and literature review	Chi Chih Hsieh		
				10:00-10:07	Management of Penetrating Lumbar Meningo-radicular Injury by a Metallic Foreign Body: case report	Ting Wei Chang		
10:15-10:25	Open Discussion				10:07-10:14	Applying an Adjuvant Therapy of Hyperbaric Oxygenation to Spinal Cord Injury	Tzu Tsao Chung	
10:14-10:22	Open Discussion				10:14-10:22	Open Discussion		
10:25-10:35 Coffee Break								
10:35-10:55	Extended DREZ-lesion for Alleviating Intractable Arm Pain Following Brachial Plexus Avulsion Injury	Makoto Taniguchi	Kun Hsing Lee 李昆興 Chiung Chyi Shen 沈綱祺 Seung Hwan Yoon Michael Hisey	10:35-10:42	Video-assisted Thoracic Surgery in the Treatment of Thoracic Spondylodiscitis: A case report	Yi Hsing Chen	Yu Shu Yen 顏玉樹 Se Hoon Kim En Yuan Lin 林恩源	
				10:42-10:49	Unilateral Biportal Endoscopic Lumbar Interbody Fusion (UBELIF) versus Conventional Posterior Lumbar Interbody Fusion (PLIF) for Single Segment	Chan Chung		
				10:49-10:56	Percutaneous Endoscopic Lumbar Discectomy Strategy for L5-S1 Disc Herniation Based on Image Analysis: a Review of 301 Cases	His Kai Tsou		
10:55-11:15	Cooled Radiofrequency Regimen for Discogenic Pain	Chao Jan Wang		10:56-11:03	Uniportal Bilateral Endoscopic Decompression for Lumbar Stenosis with Interlaminar Approach. Preliminary report.	Se Yi Chen		
				11:03-11:11	Open Discussion			
11:15-11:35	The Efficacy of Conventional Radiofrequency Denervation in Patients with Chronic Low Back Pain Originating from the Facet Joints: A Meta-analysis of Randomized Controlled Trials	Chang Hyun Lee		11:11-11:18	Strategy and Tactics in Management of Idiopathic Spinal Cord Herniation	Yong Eun Cho	Jau Ching Wu 吳昭慶 Kang Lu 盧康 Se Yi Chen 陳斯逸	
				11:18-11:25	Long-term Surgical Outcomes of Wrapping Technique in Idiopathic Spinal Cord	Un Yong Choi		
				11:25-11:32	Calcifying Pseudoneoplasm of Filum Terminale with Tethered Cord Syndrome	Takaoki Kimura		
11:35-11:55	Biological Variability of Intramedullary Tumors: Neuro-anatomical and Physiological Considerations	Phyo Kim			11:32-11:39	Safety of Intraoperative Vancomycin (VCM) Use in Spine Fusion Surgery - Analysis of Postoperative Drainage Volume	Hitoshi Aiyama	
11:39-11:47	Open Discussion							
11:55-12:10	Open Discussion				N/A			

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Chang Yung Fa Foundation International Convention Center 10F

12:20-13:15 Lunch Seminar								
1002				1003				
Time	Topic	Speaker	Moderator	Time	Topic	Speaker	Moderator	
12:20-12:25	OPENING & INTRODUCTION		Bo Ren Huang 黃伯仁 Wen Cheng Huang 黃文成	12:20-12:25	OPENING & INTRODUCTION		E Jian Lee 李宜堅 Yung Hsiao Chiang 蔣永孝	
12:25-12:45	The Controversial Issue of Cervical Disc Replacement	Michael Hisey		12:25-12:45	The Long Term Effects Of Anti-osteoporosis Drugs	Hung Chen Wang		
12:45-12:50	Open Discussion			12:45-12:50	Open Discussion			
12:50-13:10	Biologics in Spine Surgery: Hemostasis and Fusion	Jau Ching Wu		12:50-13:10	Fix and Treat: Clinical Application of Teriparatide on Spinal Surgery in Patient with Osteoporosis	Scarone Pietro		
13:10-13:15	Open Discussion			13:10-13:15	Open Discussion			
1001				1003				
Time	Topic	Speaker	Moderator	Time	Topic	Speaker	Moderator	
13:15-13:35	How Do We Prevent Neurological Complication in Spinal Surgery?	Toshiyuki Takahashi	Henrich Cheng 鄭宏志 Phyo Kim Makoto Taniguchi	13:15-13:22	Teriparatide Reduced Refracture in the Cemented Vertebrae after Vertebroplasty	Ryan Wing Yuk Chan	Jiann Her Lin 林建和 Chih Lung Lin 林志隆 In Bo Han	
13:35-13:55	Hypothermia Therapy for Spinal Cord Injury	Kyoung Suok Cho		13:22-13:29	Adjacent Osteoporotic Vertebral Compression Fracture after Previous Kyphoplasty—a case report and review of the literature	Shao Ang Chu		
13:55-14:05	Clinical Trial Design of Spinal Cord Injury (SCI)	Jau Ching Wu		13:29-13:36	Effective Diagnostic Imaging for Spinal Arteriovenous Fistula	Ryohei Miyazaki		
14:05-14:10	Open Discussion			13:36-13:43	Influence of Indocyanine Green Angiography on Microsurgical Treatment of Spinal Perimedullary Arteriovenous Fistulas	Keisuke Takai		
				13:43-13:50	Posterior Inferior Cerebellar Artery with an Extradural Origin from the V3 Segment: higher incidence on the nondominant vertebral artery	Muneyoshi Yasuda		
14:10-14:30	Cervical Adjacent Level Spondylosis: Surgical Tips and The Rapeutic Option	Michael Hisey	Wen Cheng Huang 黃文成 Yuan Hao Chen 陳元皓 Yukoh Ohara	13:50-14:00	Open Discussion			
14:30-14:50	Surgical Treatment for Three Levels of Cervical Spondylosis	Cheng Hsing Kao		14:00-14:07	Experience using Piezosurgery® in spinal surgery	Takeshi Hara	Wu Fu Chen 陳武福 Ann Shung Lieu 劉安祥 Sheng Huang Xiao 蕭勝煌	
14:50-15:10	Using Customized Guiding Template for Cervical Pedicle Screws Insertion in Severe Cervical Deformity, Fracture and Subluxation	Chih Ju Chang		14:07-14:14	O-arm Plus Mini Screw Technique for Reconfirmation of Navigation System	Nobuyuki Shimokawa		
15:10-15:20	Open Discussion			14:14-14:21	Fluoroscopically Guided Superior Hypogastric Plexus Block Using a Single Needle: a modified technique	Po Chou Liliang		
				14:21-14:28	Percutaneous Pedicle Screw Placement under Single Dimensional Fluoroscopy with a Designed Pedicle Finder	Fon Yih Tsuang		
				14:28-14:35	Cervical Lamnioplasty Treating Cervical Spondylotic Myelopathy	Der Cherng Chen		
15:20-15:40	Coffee Break							
					14:35-14:45	Open Discussion		
					14:45-14:52	The Recurrence Rate of Spinal Cord Meningioma after Surgery	Joon Ho Yoon	Tao Chen Lee 李道真 Cheng Chia Tsai 蔡承嘉 Chien Tsai Chiu 邱建才
					14:52-14:59	Tuberculosis Spondylodiskitis after Minimally Invasive Spine Procedures: case report and review of literature	Ming Hong Chen	
				14:59-15:06	Unstable Vertebral Discitis, One-stage Surgery or Two-stage Surgery? Review of articles.	Cheng Kai Lin		
				15:06-15:13	Different Surgical Methods for Intramedullary Spinal Cord Tumors	Keung Nyun Kim		
				15:13-15:20	Intraoperative Vascular Flow Dynamics in the Surgery of Spinal Intramedullary Tumors: Benefits and limitations of ICG-VA image-guided surgery	Toshihiro Takami		
				15:20-15:30	Open Discussion			

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15:40-16:00	Repeated Osteoporotic Vertebral Compression Fractures within Short Periods of Time following Initial Percutaneous Kyphoplasty	Kang Lu	Chih Ju Chang 張志儒 Chao Jan Wang 王超然 Da Tong Ju 朱大同 Geun Sung Song	15:40-15:47	Crispr Mediated Gene Editing for Human Primary Cell from Tissue – TGFbR1 gene KO in ligamentum flavum cell	Junseok W Hur	Wen Gui Fang 方文貴 Wei Yu Lee 李偉裕 Der Cherg Chen 陳德誠
				15:47-15:54	Variation of C-Reactive Protein and White Blood Cell Counts in Spinal Operation: Primary Fusion Surgery Versus Revision Fusion Surgery	Kyung Tag Kang	
16:00-16:20	Changes of Facet Joints after Dynamic Stabilization: Continuous Degeneration or Slow Fusion?	Wen Cheng Huang		15:54-16:01	Human Recombinant Erythropoietin Improves Motor function in Chronic Cervical Compression Myelopathy Rat Model	Tanaka Takahiro	
16:20-16:40	Patient Report Outcome Measures after Lumbar Spine Instrumented Fusion	Dar Ming Lai		16:01-16:08	The Surgical Outcome of Thoracic Ossification of the Posterior Longitudinal Ligament	Sung Hwan Hwang	
16:40-17:00	Spinal Deformity Surgery by Neurosurgeons	Seung Jae Hyun		16:08-16:15	The Significance of Using the Titanium Spacer in Cervical Laminoplasty	Kogure Kazunari	
				16:15-16:25	Open Discussion		
				16:25-16:32	Cervical Curvature after Laminoplasty for Cervical OPLL	Dong Hwan Kim	
17:00-17:10	Open Discussion			16:32-16:39	Long Term Change of Cervical Alignment after Anterior Cervical Corpectomy and Fusion for Cervical Compression Myelopathy with Kyphosis	Mitsuru Sato	Aij Lie Kwan 關曉麗 Shu Shong Hsu 許書雄 Rong Dong Lieu 劉榮東
17:10-17:30	Application of Stem Cell Technology for the Treatment of Malignant Glioma of Spinal Cord	Yoon Ha	16:39-16:46	Tension-type Headache is Associated with Mild Cervical Spine Degeneration	Masaki Yoshimura		
			16:46-16:53	Intraoperative Neuromonitoring(IOM) in Cervical Spine Surgery: useful or useless clinical option	Yong Eun Cho		
			16:53-17:01	Open Discussion			
17:30-17:50	Considerations Regarding Decision of Fusion Levels Before Surgery in AIS	Seung Hwan Yoon	Kuo Chen Wei 魏國珍 Chin Hong Chang 張進宏 Toshiyuki Takahashi	17:01-17:08	The Reverse Knot X-shape Suture in Annular Repair during Microscopic Lumbar Discectomy: technical note and clinical outcomes	Woong Bae Park	Xu Dong Lee 李旭東 Hao Yu Chuang 莊皓宇 Shih Huang Tai 戴世煌
				17:08-17:15	Surgical Outcomes of Microscopic Bilateral Decompression Via Spinous Process-oblique-splitting Unilateral Approach for Lumbar Canal Stenosis	Kazuhiro Yoshimura	
				17:15-17:22	Midline Lumbar Fusion Using Cortical Bone Trajectory Screws for Elderly Patients	Chao Kai Hu	
				17:22-17:29	Comparisons between Contact Bone Volumes of Vertebral Screws with Pedicle and Cortical Bone Trajectories.	Hsiang Ming Huang	
				17:29-17:37	Open Discussion		
17:50-18:10	Therapeutic Efficacy-potentiated and Organ-targeting Extracellular Nanovesicles Derived from MSCs for Spinal Cord Injury Treatment	In Bo Han		17:37-17:44	Proximal Junctional Kyphosis in Cases of Single Lumbar Vertebral Pedicle Subtraction Osteotomy: The Effective Sagittal Parameters for Prediction and the Surgical Strategy	Wei Yu Lee	
				17:44-17:51	Score of Short Form-36 Predicts Delirium after Surgery for Degenerative Spinal Disease	Kyohei Kin	
			17:51-17:58	Spinal Epidural Hematoma Associated with Epidural Anesthesia -a case report	Rinko Kokubo	Da Tong Ju 朱大同 Jing Jing Fang 方晶晶 Jin Cheng Chen 陳金城	
			17:58-18:05	Complication Rate of Spine Surgery in Japan: findings from Spine Surgical Registry database.	Ryu Kurokawa		
			18:05-18:12	Complications Associated with Spinal Endoscopic Surgery - correlations with the learning curve	Yasuhiko Nishimura		
			18:12-18:22	Open Discussion			
18:10-18:20	Open Discussion			17:30-18:00	第九屆第四次理監事會議		1002
18:30	Gala Dinner (ChangYung-Fa Foundation International Convention Center B1)						

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Time	Topic	Speaker	Moderator	Time	Topic	Speaker	Moderator
08:00-10:00 Registration							
08:50-09:10	Expanding Indications for MIS Spinal surgery	Yi Yuen Wang	Hsin I Ma 馬辛一 Chien Min Lin 林乾閔 Tzu Yung Chen 陳子勇	08:00-09:00	Board meeting and editor meeting		1002
				08:30-08:37	The Impact of Disc Injury and Kyphotic Changes of the Fractured Vertebrae on Adjacent Vertebral Compression Fracture after Vertebroplasty	Gao Chen	Ming Dar Tsai 蔡明達 Ting Chung Wang 王定中 Dong Yuan Hong 洪東源
08:37-08:44	Evaluation of the Ideal Trajectory of CBT Screws by Insertional Torque	Sho Fujiwara					
08:44-08:51	Is PLIF Tolerable for Octogenarian Patients?: In terms of clinical outcome	Sung Bum Kim					
08:51-08:58	Surgical Treatment for Non-specific Low Back Pain; Superior Cluneal Entrapment	Kyong Song Kim					
09:10-09:30	Unilateral Biportal Endoscopic Surgery for Lumbar Degenerative Disease	Wei Sheng Juan		08:58-09:05	Developed Dynamic Stabilization Following Decompression in Elderly Patients with Risk of Postoperative Lumbar Instability	Tatsuya Ohtonari	
				09:05-09:15	Open Discussion		
09:30-09:50	Demineralized Bone Matrix (DBM) for Interbody Fusion in Lumbar Spinal Stenosis: A Prospective Pilot Study of Simultaneous DBM and Autologous Bone Graft	Se Hoon Kim		09:15-09:22	Effectiveness of Percutaneous Pedicle Screw Fixation after Direct Spinal Canal Decompression in Thoracolumbar Burst Fracture Compared with Anterolateral Approached Corpectomy and Fusion	Seul Kee Lee	Jun Lin Lieu 劉俊麟 Fu Ren Xiao 蕭輔仁 Xiang Ming Huang 黃祥銘
				09:22-09:29	Minimally Invasive Cervical Pedicle Screw Placement with a Freehand Technique Through the Posterolateral Approach Using a Tubular Retractor: a technical note	Su Bum Lee	
				09:29-09:36	Multilevel Percutaneous Pedicle Screw Fixation for Adult Degenerative Lumbar Scoliosis by a Single Surgeon – preliminary report	Sang Gu Lee	
			09:36-09:43	Surgical Management for Extraforaminal Lesions of the Lumbar Spine: Combination of Traditional Paraspinal Wiltse Approach and Minimally Invasive Spine Surgery Technique	Shih Hung Yang		
			09:43-09:50	MIS Sagittal Correction of Adult Spinal Deformity using Oblique Lateral Interbody Fusion at L1-S1 and Percutaneous Fixation without Osteotomy	Myeong Jin Ko		
09:50-10:00	Open Discussion		09:50-10:00	Open Discussion			
10:00-10:10 Coffee Break							
10:10-10:30	Surgery for Intramedullary Spinal Cord Hemangioblastoma	Chun Kee Chung	Yung Hsiao Chiang 蔣永孝 Dar Ming Lai 賴達明	10:10-10:17	Novel Prognostication of Patients with Spinal and Pelvic Chondrosarcoma using Deep Survival Neural Networks	Sun Ho Lee	Shih Hung Yang 楊士弘 Tzu Tsao Chung 鍾子超 Yu Kai Su 蘇鈺凱
				10:17-10:24	A case of Lumbar Ganglion Cyst within Ligamentum Flavum	Takahiro Miyahara	
10:24-10:31	Surgery of Intramedullary Spinal Cord Tumors Focusing on Preservation of Spinal Cord Function	Hidetoshi Murata					
10:30-10:50	Surgical Treatment for Spinal Cord Intramedullary Tumors: Fluorescence Guided Resection of Spinal Cord Intramedullary Tumors	Toshiki Endo		10:31-10:38	Cervical Lift-up Laminoplasty with Titanium Basket Plates after Resection of Intradural Tumor	Keisuke Shirotsuka	
10:50-11:00	Open Discussion			10:38-10:45	A Single Center Experience on Spinal Epidural Abscess Treatment	Yu Ying Wu	
			10:45-10:55	Open Discussion			
11:00-11:10 Closing Remarks							
11:10-11:30	第九屆第二次會員大會		E Jan Lee 李宜堅				