



2026 Annual Meeting of Taiwan Spine Society

Date : March 14th, 2026 (Saturday)

Venue: Regent Taipei

Organizer: Taiwan Spine Society

06:15-07:00	Registration		
07:00-08:20	Conference Hall 1 Best Paper Competition (O-01~O-10)		
	Conference Hall 1	Conference Hall 2	
08:20-10:00	Presidential/Special Lectures I	08:00-10:00	Free paper(O-11~O-29) Deformity+Others+ Infection+ MIS
Conference Hall 1			
10:00-10:20	Opening Remarks Honorary Dean, Hualien Tzu Chi Hospital Ing-Ho Chen 陳英和 President, Taiwan Orthopedic Association Cheng-Hung Lee 李政鴻 President, Taiwan Spine Society Wen-Tien Wu 吳文田		
10:20-11:00	Coffee Break MOU (VIP room) (Malasia, Singapore, Thailand)		
	Conference Hall 1	Conference Hall 2	
11:00-12:00	Presidential/Special Lectures II	11:00-12:00	Free paper(O-30~O-39) Tumor+Basic+Infection+MIS+Cervical+Trauma
12:00-12:30	Taiwan Spine Society Membership Meeting		
12:30-13:30	Luncheon Seminar	12:30-12:50	Lunch break
13:30-14:50	Special Lecture	12:50-13:30	Special Lecture
		13:30-14:10	TWSS Travelling Fellow Symposium
		14:10-14:50	Congress Fellow Symposium I
14:50-15:10	Coffee Break		
15:10-16:30	Meet the Masters	15:10-17:10	Congress Fellow Symposium II III
		17:10-17:30	Special Lecture
		17:30-17:40	Closing Remarks President, Taiwan Spine Society Wen-Tien Wu
18:00-21:00	Gala Dinner		



2026 Annual Meeting of Taiwan Spine Society

Date : March 14th, 2026(Saturday)

Venue: Regent Taipei Conference Hall 1

(Each best paper: presentation for 6 minutes and then discussion for 2 minute)

(Each special lecture: presentation for 15 minutes and then discussion for 5 minutes)

Time	Topics and Presenters	Moderators
07:00-08:20	Conference Hall 1 Best Paper Competition (O-01~O-10)	Po-Hsin Chou 周伯鑫 Ming-Hsiao Hu 胡名孝
Presidential/Special Lectures I		
08:20-08:40	Integrating Technology in Complex Spine Surgery: Computerized Navigation and 3D Printed Models Chun-man Ma, Hong Kong	Chien-Chou Pan 潘建州
08:40-09:00	Single Position LLIF: Lateral vs Prone: Rationale and Technical Aspect Wicharn Yingsakmongkol, Thailand	Ting-Kuo Chang 張定國
09:00-09:20	The Role of Basic Imaging in Reducing Surgical Risks and Promoting Less Invasive Surgery Chee Kidd Chiu, Malaysia	Hsien-Te Chen 陳賢德
09:20-09:40	Adult Spinal deformity (ASD) realignment: Lateral interbody fusion (LLIF), anterior column realignment (ACR) or 3-column osteotomies (PSO) - Which technique is best? John Chen Li Tat, Singapore	Wen-Hsiang Chou 周溫祥
09:40-10:00	Special lecture: Current updates on metastatic spine disease, survivorship after metastatic spine surgery and prognostic factors. Yeong Huei Ng, Singapore	Re-Wen Wu 巫瑞文
10:00-10:20	Opening Remarks : Honorary Dean, Hualien Tzu Chi Hospital President, Taiwan Orthopedic Association President, Taiwan Spine Society	Ing-Ho Chen 陳英和 Cheng-Hung Lee 李政鴻 Wen-Tien Wu 吳文田
10:20-11:00	Coffee Break	
Presidential/Special Lectures II		
11:00-11:20	AP combined surgery in the cervical OPLL Kyung-Soo Suk, Korea	Jui-Teng Chien 簡瑞騰
11:20-11:40	Predisposing factors of Type II odontoid fractures in elderly people aged 75 years and older Masahiko Watanabe, Japan	Jen-Chung Liao 廖振中

11:40-12:00	Revision strategy after ACDF Jae Jun Yang, Korea	Chang-Jung Chiang 江長蓉
12:00-12:30	Taiwan Spine Society Membership Meeting	
	Luncheon Symposium	
12:30-13:30	From A to A+: Elevate Bone Care for Your Osteoporotic Patients Max, Meng-Hung Wu 吳孟晃, Taiwan	Kun-Hui Chen 陳昆輝
	Special Lectures – Deformity	
13:30-13:50	Tips and Tricks for Cervical Deformity Correction Tan Lee, US	Wen-Tien Wu 吳文田
13:50-14:10	Utilizing Technology to Improve Surgical Outcome in Cervical Deformity Surgery Tan Lee, US	Ting-Kuo Chang 張定國
14:10-14:30	From Frailty to Predictive Models to Digital Twins: The Future of Spinal Deformity Surgery Christopher Ames, US	Tsai-Sheng Fu 傅再生
14:30-14:50	Lessons Learned in 650 Three column osteotomies: Cervical Spine to Sacrum Christopher Ames, US	Shih-Tien Wang 王世典
14:50-15:10	Coffee Break	
	Meet the Masters	
15:10-15:50	Watanabe Masahiko Kyung-Soo Suk John Chen Li Tat Christopher Ames Jae Jun Yang Jui-Teng Chien 簡瑞騰	Ming-Chau Chang 張明超 Chi-Chien Niu 牛自健
15:50-16:30	Chee Kidd Chiu Wichan Yingsakmongkol Chun-man Ma Lee Tan Po-Liang Lai 賴伯亮 Shiau-Tzu Tzeng 曾效祖	Cheng-Hung Lee 李政鴻 Tze-Hong Wong 王子康
16:30-18:00	Prepare for Gala Dinner	
18:00-21:00	Gala Dinner	



Date : March 14th, 2026(Saturday)

Venue: Regent Taipei Conference Hall 2

(Each free paper: presentation for 4 minutes and then discussion for 10 minutes after 5 presentations)

(Each special lecture: presentation for 15 minutes and then discussion for 5 minutes)

(Each paper for congress fellow symposium: presentation for 6 minutes and then discussion for 12 minutes)

Time	Topic	Moderator
08:00-10:00	Free paper (O-11~O-29) Deformity+Others+ Infection+ MIS	Yu-Cheng Yao 姚又誠 Yueh-Ching Liu 劉岳青
11:00-12:00	Free paper (O-30~O-39) Tumor+Basic+Infection+MIS+Cervical+Trauma	Chih-Wei Chen 陳志偉 Hsi-Hsien Lin 林希賢
12:30-13:10	Lunch break	
13:10-13:30	Special lecture Beyond Screws and Rods: Correcting Severe Degenerative Scoliosis Without Instrumentation — From Flexible to Rigid Deformities Kung-Chia Li 李孔嘉, Taiwan	Yen-Jen Chen 陳衍仁
13:30-14:10	TWSS Travelling Fellow Symposium	Cheng-Li Lin 林政立 Ming-Hsiao Hu 胡名孝
14:10-14:50	Congress fellow Symposium I (Congress symposium Session 1)	Kung-Chia Li 李孔嘉 Kuo-Hua Chao 趙國華
14:50-15:10	Coffee Break	
15:10-16:10	Congress fellow Symposium II (Congress symposium Session 2+Congress symposium Session 3)	Yen-Mou Lu 呂衍謀 Kun-Hui Chen 陳昆輝
16:10-17:10	Congress fellow Symposium III (Congress symposium Session 4+Congress symposium Session 5)	Jwo-Luen Pao 鮑卓倫 Tsung-Ting Tsai 蔡宗廷
17:10-17:30	Special lecture UBE for thoracic spine Chang-Chen Yang 楊昌綦, Taiwan	Yi Hung Huang 黃儀鴻
17:30-17:40	Closing Remarks	TWSS President Wen-Tien Wu 吳文田



Regent Taipei Conference Hall 1

07:00-08:20

Best Paper Competition (O-01-O10): 優秀論文競賽

※ Each best paper: presentation for 6 minutes and then discussion for 2 minute ※

Moderators : 周伯鑫/Po-Hsin Chou、胡名孝/Ming-Hsiao Hu

No 編號	Time 時間	Title 題目	Authors 作者	Organization 所屬單位	Pages 頁碼
O-01	07:00 07:08	From Salvage to Reconstruction: The Evolution, Learning Curve, and Safety Profile of Rotated Prone Lateral Surgery in 221 Consecutive Cases 從挽救到重建：221 例連續旋轉式俯臥側位手術之演變、學習曲線與安全性分析	葉祐成 ¹ , 羅安志 ¹ , 胡永學 ¹ , 邱炳燁 ¹ , 高福成 ¹ , 謝明凱 ¹ , 游家偉 ¹ , 蔡宗廷 ¹ , 賴伯亮 ¹ , 傅再生 ¹ , 牛自健 ¹ , 陳力輝 ¹ , 陳文哲 ²	1 林口長庚骨科部脊椎科 2 台北中山醫院骨科	
O-02	07:08 07:16	Laminoplasty versus Multi-level ACDF for Cervical Spondylotic Myelopathy: A Propensity Score-Matched Analysis of 8,260 Patients	許瑞佑 ^{1,2} 、陳一鑫 ³ 、黃全敬 ^{1,2} 、陳志偉 ¹ 、胡名孝 ^{1,2} 、楊曙華 ^{1,2}	國立臺灣大學醫學院附設醫院骨科部 1、國立臺灣大學醫學院骨科 2、新光吳火獅紀念醫院骨科部	
O-03	07:16 07:24	Which Evaluation of Skeletal Maturity Should We Use to Prevent Additional Curve Progression after Weaning Brace? – Preliminary Report of An APSS Scoliosis Focus Group Study	Chih-Wei Chen ^{1, 2} , Ming-Hsiao Hu ^{1,2} , Shu-Hua Yang ^{1,2} , APSS Scoliosis Focus Group	1. Department of Orthopedic Surgery, National Taiwan University Hospital, Taipei, Taiwan, 2. APSS Scoliosis Focus Group	
O-04	07:24 07:32	Interplay Between Hypoxia, Thrombospondin-1, and TGF-β1 in the Fibrotic Pathogenesis of Ligamentum Flavum Hypertrophy	許祐嘉 ^{1#} 、林恆泰 ^{2#} 、楊睿濬 ³ 、熊彥傑 ⁴ 、郭承翔 ^{5,6} 、劉原輔 ^{1,3} 、施淑嫻 ¹ 、涂庭源 ^{3,6,7*} 、林政立 ^{1,7,8*}	國立成功大學醫學院附設醫院骨科部 2.衛生福利部臺南醫院骨科部 3.國立成功大學工學院生物醫學工程學系 4.國立成功大學臨床藥學與藥物科技學系 5.國立成功大學醫學院生理學科 6.國立成功大學國際傷口修復與再生中心 7.國立成功大學醫療器材創新中心 8.國立成功大學前瞻醫療器材科技中心	
O-05	07:32 07:40	Distal Junctional Kyphosis Leads to Cervical Malalignment With Minimal Impact on Pelvic Compensation.	陳建聞, Francis Lovecchio, Han Jo Kim	中國醫藥大學附設醫院, Hospital for Special Surgery	
O-06	07:40 07:48	Reinitiation Timing of Vascular Endothelial Growth Factor Inhibitors and Postoperative Wound Complications in Spinal Metastasis Surgery	血管內皮生長因子抑制劑重新啟用時機與脊椎癌轉移手術後傷口併發症之關聯 蘇致騏、嚴竑寬、許瑞佑、陳志偉、黃全敬、胡名孝、楊曙華	國立台灣大學附設醫院骨科部	

O-07	07:48 07:56	<p>Rotated Prone Lateral Anterior Column Realignment Versus Pedicle Subtraction Osteotomy for Adult Spinal Deformity: A Matched Cohort Analysis of Radiographic and Clinical Outcomes 旋轉式俯臥側位前柱矯正術與經椎弓根截骨術治療成人脊椎畸形之比較：影像學與臨床結果之配對世代分析</p> <p>葉祐成¹, 蕭語誠¹, 羅安志¹, 胡永學¹, 邱炳燁¹, 高福成¹, 謝明凱¹, 游家偉¹, 蔡宗廷¹, 賴伯亮¹, 傅再生¹, 牛自健¹, 陳力輝¹, 陳文哲²</p> <p>¹林口長庚骨科部脊椎科 ²台北中山醫院骨科</p>
O-08	07:56 08:04	<p>GLP-1 Receptor Agonists as a Potential Alternative Strategy to Reduce Spine-related Morbidities in Obese Population GLP-1</p> <p>受體促效劑作為降低肥胖族群脊椎相關罹病率之潛在替代策略</p> <p>林宣佑、莊鈞元、蔡松航、吳光元、黃景揚、彭家葳、徐維彬、黃聰仁、李境祐、魏正宗、謝明綦、吳孟晃</p> <p>台北醫學大學附設醫院骨科部</p>
O-09	08:04 08:12	<p>成人脊柱畸形分期矯正手術後胸椎後凸之對應性變化</p> <p>Reciprocal Changes in Thoracic Kyphosis After Staged Corrective Surgery for Adult Spinal Deformity</p> <p>林爾笛¹, MD, 黃奕勳¹, MD, 官駿閔¹, MD, 馮逸卿^{1,2}, MD, PhD, 羅元舜¹, MD, PhD</p> <p>1 中國醫藥大學北港附設醫院骨科部 2 中國醫藥大學附設醫院骨科部</p>
O-10	08:12 08:20	<p>Real-World Comparative Effectiveness of Percutaneous Endoscopic and Open Discectomy: Long-Term Fusion Rates and Subgroup Insights</p> <p>經皮內視鏡與開放性椎間盤切除術的真實世界療效比較：長期融合率與次族群分析</p> <p>蔡松航 李境祐 吳孟晃 黃聰仁</p> <p>台北醫學大學附設醫院 骨科部</p>



Regent Taipei Conference Hall 2

08:00-10:00 Free Paper (O-11~O-28): Deformity+Others+ Infection+ MIS

(Each free paper: presentation for 4 minutes and then discussion for 10 minutes after 5 presentations)

Moderators : 姚又誠/ Yu-Cheng Yao、劉岳青/ Yueh-Ching Liu

No 編號	Time 時間	Title 題目	Authors 作者	Organization 所屬單位	Pages 頁碼
O-11	08:00 08:04	基於 MRI 的 VBQ 分數對預測椎間融合或椎弓根螺絲鬆動在椎間孔腰椎間融合和後腰椎間融合中的系統性文獻回顧及統合分析 (A meta-analysis of MRI-based vertebral bone quality(VBQ) score for predicting cage subsidence or pedicle screw loosening in transforaminal lumbar interbody fusion and posterior lumbar interbody fusion)	黃泰榮、林希賢、姚又誠、周伯鑫、王世典、張明超、劉建麟	臺北榮民總醫院骨科部、宏仁醫院骨科部	
O-12	08:04 08:08	Is Discectomy Always Necessary for Lumbar Disc Herniation? An Innovative Method Combining Manual Reduction and Percutaneous Cement Discoplasty 椎間盤突出一定要椎間盤切除術嗎?徒手復位加經皮椎間盤灌漿術是一個新選擇	謝鎮州、李孔嘉、林上智、廖登華、謝景祥、謝宇傑	嘉義陽明醫院骨科部、國立臺灣科技大學醫學工程研究所	
O-13	08:08 08:12	Biomechanical Modulation of Intradiscal Cement by Mixing with Native Disc Tissue: An Experimental Study Toward More Physiological Discoplasty 混合天然椎間盤組織與骨水泥的生物力學調和:一項邁向更符合生理的椎間盤成形術的實驗研究	謝鎮州、李孔嘉、林上智、廖登華、謝景祥、謝宇傑	嘉義陽明醫院骨科部、國立臺灣科技大學醫學工程研究所	
O-14	08:12 08:16	Bridging the Translational Gap in Spine Medicine: A Dynamic Web-Based Proof-of-Concept for OLIF Risk Stratification <u>Setyo Budi Premiaji Widodo</u> ¹ ,	¹ Department of Neurosurgery, RSUD Margono Soekarjo, Indonesia, Visiting Fellow Department of Orthopedics, 臺中榮民總醫院 (Taichung Veterans General Hospital		
O-15	08:16 08:20	Preoperative VBQ Score and Early Cage Subsidence After Endoscopic Lumbar Interbody Fusion: A Propensity Score-Matched Comparison With TLIF <u>Howard Chen</u> , Cheng-Huan Peng, Kuang-Ting Yeh, Chia-Ming Chang, Tzai-Chu Yu, Ing-Ho Chen, Wen-Tien Wu Orthopaedic Department of Hualien Tzu Chi Hospital, Hualien, Taiwan School of Medicine, Tzu Chi University, Hualien, Taiwan. Institute of Medical Sciences, Tzu Chi University, Hualien, Taiwan. Spinal Cord Injury Medical Reconstruction Center of Buddhist Tzu Chi Medical Foundation, Taiwan Graduate Institute of Pharmacy, Tzu Chi University, Hualien, Taiwan			
	08:20—08:30	討論 Discussion			
O-16	08:30 08:34	Predicting Postoperative Standing Lumbar Lordosis From Intraoperative Prone Post-Correction Radiographs in Adult Spinal Deformity Patients 以術中俯臥矯正後 X 光片預測成人脊椎畸形患者術後站立腰椎前凸角	鄭光佑 ¹ 、曾聖傑 ¹ 、林育賢 ¹ 、吳蘊哲 ¹ 、石承民 ¹ 、陳昆輝 ¹ 、李政鴻 ¹ 、潘建州		

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¹ 臺中榮民總醫院骨科部、² 臺中榮民總醫院醫學工程部

O-17 | 08:34 A Standardized Rib-Based Radiographic Parameter for Evaluating Axial Rotational Correction in Adolescent Idiopathic Scoliosis
黃全敬, 彭以昂, 許瑞佑, 陳志偉, 胡名孝, 楊曙華
08:38 國立臺灣大學醫學院附設醫院 骨科部

O-18 | 08:38 Lateral Column Realignment With Anterior Longitudinal Ligament Release Versus Three-Column Osteotomy for Thoracolumbar Kyphosis in Their 70s
08:42 外側柱重建合併前縱韌帶鬆解術與三柱截骨術在七十多歲患者胸腰椎後凸矯正手術之比較
林爾笛¹, MD, 黃奕勳¹, MD, 官駿閔¹, MD, 馮逸卿^{1,2}, MD, PhD, 羅元舜¹, MD, PhD
1 中國醫藥大學北港附設醫院骨科部 2 中國醫藥大學附設醫院骨科部

O-19 | 08:42 Three-column osteotomy versus Halo-gravity traction combined with posterior column osteotomy in the treatment of dystrophic neurofibromatosis type 1 kyphoscoliosis: a retrospective comparative cohort study
08:46 三柱截骨術與頭環—重力牽引合併後柱截骨術在治療神經纖維瘤病第一型營養不良性脊柱後凸側彎中的比較：一項回溯性比較性世代研究
羅元舜^{1,2}, 林爾迪^{1,2}, 黃奕勳^{1,2}, 官駿閔¹, 馮逸卿^{1,2}, 蔡俊灝¹, 陳賢德¹, 邱勇³, 史本龍³, 曾效祖⁴
1. 中國醫藥大學北港附設醫院, 雲林, 台灣; 2. 中國醫藥大學附設醫院, 台中, 台灣; 3. 南京大學鼓樓醫院, 南京, 江蘇, 中國; 4. 佛教慈濟醫療財團法人台北慈濟醫院, 新北市, 台灣

O-20 | 08:46 Predicting postoperative imbalance in adult spinal deformity staged surgery using predictive thresholds
08:50 以預測閾值評估成人脊柱畸形分期手術後失衡之預測研究
羅元舜^{1,2}, 林爾迪^{1,2}, 黃奕勳^{1,2}, 官駿閔¹, 馮逸卿^{1,2}, 蔡俊灝¹, 陳賢德¹
1. 中國醫藥大學北港附設醫院, 雲林, 台灣; 2. 中國醫藥大學附設醫院, 台中, 台灣

08:50—09:00 **討論 Discussion**

O-21 | 09:00 Negative Pressure Antibiotic Instillation (NPAI) for Postoperative Spinal Infection: A Case Series 負壓抗生素灌注系統治療術後脊椎感染：病例系列分析
09:04 陳榮俊^{1,2}, 林希賢^{1,2}, 姚又誠^{1,2}, 王世典^{1,2}, 熊偉^{1,3}, 劉建麟^{1,2}, 周伯鑫^{1,2}, 林峻正^{1,2}
1. 陽明交通大學醫學系 2. 台北榮民總醫院骨科部 3. 新光吳火獅紀念醫院骨科部

O-22 | 09:04 Lumbar spine endplate sclerosis was a protective factor for cage subsidence in minimally invasive transforaminal lumbar interbody fusion
09:08 腰椎終板硬化作為保護因子防止微創經椎間孔腰椎椎間融合器下沉
姚又誠^{1,2}, 廖弘凱^{1,2}, 周伯鑫^{1,2}, 林希賢^{1,2}, 王世典^{1,2}, 劉建麟^{1,2}
臺北榮民總醫院骨科部脊椎外科¹
國立陽明交通大學醫學院²

O-23 | 09:08 Minimally Invasive Management of Degenerative Lumbar Spondylolisthesis: Endoscopic Decompression vs. mIDLIF 退化性腰椎滑脫之微創治療：脊椎內視鏡減壓手術與中線椎體間融合術 (mIDLIF) 之療效比較分析
09:12 李俊毅、胡名賢、鍾玉軒
彰化秀傳紀念醫院

O-24	09:12 09:16	<p>The utility of real time monitoring during endoscopic lumbar interbody fusion by a unique preregistered probe and a burr adapted by the universal registered frame: comparison of Point and Brainlab navigation system</p> <p><u>黃儀鴻</u>¹, <u>連昉杰</u>¹, <u>趙麟宇</u>¹, <u>何瑋</u>¹</p> <p><u>Yi-Hung Huang</u>¹, <u>Fang-Chieh Lien</u>¹, <u>Lin-Yu Chao</u>¹, <u>Wei Ho</u>¹</p> <p>Department of Orthopedics Chia Yi Christian Hospital, Chia Yi City Taiwan 嘉義基督教醫院骨科部¹</p>
O-25	09:16 09:20	<p>Uniportal Endoscopic Decompression and Cyst Resection for Symptomatic Lumbar Facet Joint Cysts: A Retrospective Analysis 單孔內視鏡減壓及囊腫切術治療症狀性腰椎小面關節囊腫：回溯性分析</p> <p><u>何京澤</u> <u>陳宏龍</u> <u>徐文星</u></p> <p>聯新國際醫院骨科 聯新國際醫院神經外科 脊椎微創中心</p>
09:20—09:30	討論 Discussion	
O-26	09:30 09:34	<p>症狀導向、減少融合椎節的雙通道脊椎微創內視鏡手術策略在脊椎融合手術之後翻修手術之臨床研究</p> <p>A Symptom-Oriented, Segment-Limited Revision Strategy Using Unilateral Biportal Endoscopy After Lumbar Fusion</p> <p><u>鮑卓倫</u> Jwo-Luen Pao</p> <p>亞東紀念醫院 Far Eastern Memorial Hospital, New Taipei, Taiwan</p>
O-27	09:34 09:38	<p>全內視鏡脊椎減壓手術後之脊椎硬膜外血腫(POSEH)：引流、止血與局部止血劑之病例系列與臨床回顧 Postoperative Spinal Epidural Hematoma (POSEH) in Full Endoscopic Spine Decompressive Surgery: A Case Series and Clinical Review on Drainage, Hemostasis, and Topical Sealants</p> <p><u>李俊毅</u>、<u>鍾玉軒</u>、<u>胡名賢</u></p> <p>彰化秀傳紀念醫學骨科部</p>
O-28	09:38 09:42	<p>Clinical and Perioperative Outcomes of Spinous Process–Splitting Laminectomy Compared With Fusion for Degenerative Spondylolisthesis: A Propensity Score–Matched Study</p> <p><u>楊富翔</u> <u>張兆忦</u> <u>張哲鏞</u> <u>陳厚琮</u> <u>許傑程</u> <u>鄞宗誠</u> <u>呂孟嶺</u> <u>巫瑞文</u> <u>陳松雄</u></p> <p><u>Yang FS</u>, <u>Chang CC</u>, <u>Lin YT</u>, <u>Chang CY</u>, <u>Chen HT</u>, <u>Hsu CC</u>, <u>Yin TC</u>, <u>Lu ML</u>, <u>Wu RW</u>, <u>Chen SH</u></p> <p>高雄長庚紀念醫院骨科部脊椎科</p>
09:42—09:52	討論 Discussion	



Regent Taipei Conference Hall 2

11:00-12:00 Free Paper (O-30~O-39): Tumor+Basic+Infection+MIS+Cervical+Trauma

(Each free paper: presentation for 4 minutes and then discussion for 10 minutes after 5 presentations)

Moderators : 陳志偉/Chih-Wei Chen 、林希賢/Hsi-Hsien Lin

No 編號	Time 時間	Title 題目	Authors 作者	Organization 所屬單位	Pages 頁碼
O-30	11:00 11:04	Total En Bloc Spondylectomy for a Missed Thoracic Spinal Metastasis From Cholangiocarcinoma: A Case Report 以全椎體整塊切除術治療一例源自膽管癌之漏診胸椎轉移：病例報告	曾聖傑 林育賢 吳蘊哲 石承民 潘建州 陳昆輝 李政鴻	臺中榮民總醫院 骨科部	
O-31	11:04 11:08	Simultaneous Anterior-Posterior En Bloc Spondylectomy Using Rotated Prone Lateral Surgery: A Technical Note and Case Series 應用旋轉式俯臥側位手術執行同步前後路脊椎整塊腫瘤切除：技術報告與病例系列	葉祐成 ¹ , 羅安志 ¹ , 胡永學 ¹ , 邱炳燁 ¹ , 高福成 ¹ , 謝明凱 ¹ , 游家偉 ¹ , 蔡宗廷 ¹ , 賴伯亮 ¹ , 傅再生 ¹ , 牛自健 ¹ , 陳力輝 ¹ , 陳文哲 ²	¹ 林口長庚骨科部脊椎科 ² 台北中山醫院骨科	
O-32	11:08 11:12	Biomechanical Investigation of Proximal Junctional Tethering in Spinal Fusion Surgeries Using Patient-Specific Finite Element Modeling 基於人體個體化有限元素分析於脊椎融合手術之鄰近節綁帶之生物力學研究	吳孟晃 ^{1,a,b,c} , 許祐齊 ^{1,d,e} , 李玄同 ^{1,d,f} , 蔡佩宜 ⁱ , 徐維彬 ^{a,b} , 林登泰 ⁱ , 李境祐 ^{a,b} , 黃聰仁 ^{a,b} , 徐慶琪 ^j	¹ 表示以上作者有相同貢獻度 ^a 臺北醫學大學附設醫院骨科部 ^b 臺北醫學大學醫學院骨科部 ^c AOSpine 亞太前沿技術研究團隊 ^d 臺北醫學大學醫學系 ^e 臺北醫學大學附設醫院一般醫學部 ^f 臺北市立聯合醫院中興院區家醫科 ⁱ 工業技術研究院生醫與醫材研究所 ^j 國立臺灣科技大學機械工程系	
O-33	11:12 11:16	Thrombospondin-1 Plays a Role in Intervertebral Disc Aging and Degeneration. 血小板反應蛋白-1 在椎間盤老化與退變中發揮作用。	劉原輔、許祐嘉、施淑嫻、林政立	成大醫院骨科部	
O-34	11:16 11:20	A Modified Kambin Triangle Approach for Managing Vertebral Osteomyelitis Following Vertebroplasty(以改良式 Kambin 三角後路手術入路治療椎體成形術後骨髓炎)	熊偉(Hsiung Wei)、周伯鑫、王世典、陳政光、洪立維、侯勝茂	新光吳火獅紀念醫院骨科部脊椎外科、台北榮總骨科部脊椎外科	
11:20—11:30 討論 Discussion					
O-35	11:30 11:34	Full Endoscopic Extra-Foraminal Decompression for L5–S1 Isthmic Spondylolisthesis with Foraminal Stenosis: Is Fusion Always Necessary?	劉耿彰 楊昌綦 江晏昇	大林慈濟醫院骨科	
O-36	11:34 11:38	Endoscopy-Assisted Anterior Cervical Surgery for Cervical Myelopathy: Enhancing Decompression and Outcomes	劉耿彰	大林慈濟醫院骨科	

O-37 青少年特發性脊柱側彎後路矯正手術後頸椎矢狀面排列變化
11:38 Cervical Sagittal Alignment Changes After Posterior Correction for Adolescent Idiopathic
| Scoliosis
11:42 楊曜駿*陳賢德李翎溢陳建聞林珈郁曾準賴建穎張寶瓏葉友傑**
中國醫藥大學附設醫院骨科部*教學部**中國醫藥大學運動醫學系

O-38 11:42 Surgical Management of Spinopelvic Dissociation via a New Minimally Invasive
Technique: Case Report 經由新型微創手術處理脊椎骨盆解離之個案報告
| 陳鈺泓 黃昱豪 許大立 鮑卓倫
11:46 亞東紀念醫院骨科部

O-39 Clinical and Radiological Outcomes of Unilateral Biportal Endoscopic Decompression and
11:46 Percutaneous Pedicle Screw Fixation for Thoracolumbar Burst Fractures
單側雙通道內視鏡減壓結合經皮微創骨釘固定治療胸腰椎爆裂性骨折之臨床與影像
| 療效分析
11:50 曾準¹毛睿廷²陳建聞¹林珈郁¹李翎溢¹賴建穎¹張建鈞²陳賢德¹
1. 中國醫藥大學附設醫院 骨科部 脊椎外科 2. 台中市立老人復健綜合醫院

11:50—12:00 討論 Discussion



Regent Taipei Conference Hall 2

14:10-14:50 Congress fellow Symposium I (C-01~C-06):

Degenerative Spine and Interbody Fusion Strategies
(presentation for 5 minutes and then discussion for 10 minutes)

Moderators : Kung-Chia Li/李孔嘉、Kuo-Hua Chao/趙國華

No 編號	Time 時間	Title 題目	Authors 作者	Organization 所屬單位	Pages 頁碼
C-01	14:10 14:05	Intraoperative local methylprednisolone in single position lateral decubitus oblique lumbar interbody fusion for postoperative anterior thigh pain prevention: a randomized controlled trial <u>Kantadon Prateepswangwong</u>			
C-02	14:05 14:10	Preoperative Coronal MRI: A Critical Evaluation of the Kambin' s Triangle for TLIF procedure <u>Bunyaporn Wuttiworawanit</u>			
C-03	14:10 14:15	Biportal Endoscopic Transforaminal Lumbar Interbody Fusion Using an Expandable Cage for Meyerding Grade II or Higher Isthmic Spondylolisthesis: A Comparative Study with the Conventional Open Technique <u>Sub-Ri Park</u>			
C-04	14:15 14:20	Predictors of cage subsidence after oblique lumbar interbody fusion <u>Jae-Young Hong</u>			
C-05	14:20 14:25	The effect of smoking on the radiological and functional outcomes of anterior cervical discectomy and fusion with anchored standalone cages <u>Ngoh Xian Jun</u>			
C-06	14:25 14:30	The iLLIF Score: A Predictive Success Scoring System for Indirect Decompression in Lateral Lumbar Interbody Fusion <u>Surachat Jaroenwareekul</u>			
	14:40—14:50	討論 Discussion			



Regent Taipei Conference Hall 2

15:10-16:10 **Congress fellow Symposium II (C-07~C-14):**

C-07~C-11 : Spinal Deformity, Alignment, and Balance

C-12~C-14 : Perioperative Care, Complications, and Risk Factors in Spine Surgery
(presentation for 5 minutes and then discussion for 10 minutes)

Moderators : Yen-Mou Lu/ 呂衍謀、Kun-Hui Chen/ 陳昆輝

No 編號	Time 時間	Title 題目	Authors 作者	Organization 所屬單位	Pages 頁碼
C-07	15:10 15:15	Shoulder Balance Correction in Scoliosis: a Radiological Comparison Between Patient Specific Rods and Intra-Operatively Bent Rods <u>Khoh Phaik Shan</u>			
C-08	15:15 15:20	Lower Thoracic Paraspinal Muscle Atrophy is Associated with Delayed Proximal Junctional Kyphosis Following Adult Spinal Deformity Surgery <u>Ho-Joong Kim</u>			
C-09	15:20 15:25	Differential risk factors for proximal junctional kyphosis between T8 – T10 and T11 – L1 upper instrumented vertebrae in adult spinal deformity <u>Se-Jun Park</u>			
C-10	15:25 15:30	Progression of Segmental Thoracic Kyphosis Following Thoracolumbar Hemivertebra Resection in Patients with Congenital Scoliosis <u>Jae-Hyuk Yang</u>			
C-11	15:30 15:305	Prevention of Postoperative Coronal Imbalance in Patients with Adolescent Idiopathic Scoliosis with a Major Lumbar Curve: The Intraoperative Crossbar Coronal-Balancing Technique <u>Leong Van Jet</u>			
	15:35—15:45	討論 Discussion			
C-12	15:45 15:50	Incidence of surgical site infection following lateral lumbar interbody fusion compared with posterior/transforaminal lumbar interbody fusion: A propensity score-weighted study <u>Soichiro Masuda</u>			
C-13	15:50 15:55	Impact of Pharmacologic Antithrombotic Therapy on Spine Surgery: A Nationwide Analysis Using the Swedish Spine Register (Swespine) <u>Ryo Fujita</u>			
C-14	15:55 16:00	Implementing ERAS in Spine Surgery: Our Institutional Experience and Lessons Learned <u>Tamara Soh</u>			
	16:00—16:10	討論 Discussion			



Regent Taipei Conference Hall 2

16:10-17:10 **Congress fellow Symposium III (C-15~C-22):**

C-15~C-17 : Osteoporosis, Fragility Fractures, and Bone Substitutes

C-18~C-22 : Emerging Technologies, Artificial Intelligence, and Special Topics

(presentation for 5 minutes and then discussion for 10 minutes)

Moderators : Jwo-Luen Pao/鮑卓倫、Tsong-Ting Tsai/蔡宗廷

No 編號	Time 時間	Title 題目	Authors 作者	Organization 所屬單位	Pages 頁碼
C-15	16:10 16:15	Effects of Anti-Osteoporosis Medication in Posterior Spine Fusion Patients: A Systematic Review and Meta-Analysis	<u>Ji-Won Kwon</u>		
C-16	16:15 16:20	Radiological Outcomes of Percutaneous Vertebroplasty with Minimal Invasive Stabilization for Patients with Osteoporotic Vertebral Fractures with Neurological Deficits or Significant Instability	<u>Teng Zhi Sean</u>		
C-17	16:20 16:25	Cost-Effectiveness and Clinical Outcomes of Demineralized Bone Matrix versus Autologous Iliac Bone Graft as Bone Substitution in Anterior Cervical Discectomy and Fusion using Polyetheretherketone for Single-Level Cervical Spondylosis Treatment in Thailand	<u>Panlop Tirawanish</u>		
	16:25—16:35	討論 Discussion			
C-18	16:35 16:40	CIRCUMFERENTIAL EPIDURAL SPINAL CORD NEURAL INTERFACES DECODE VOLITIONAL MOTOR ACTIVITY IN AWAKE LARGE ANIMALS	<u>Jiang Lei</u>		
C-19	16:40 16:45	Radiological and Clinical Importance of Lamina Hinge Fractures After Open-Door Cervical Laminoplasty: A Propensity Score-Matched Study	<u>Gumin Jeong</u>		
C-20	16:45 16:50	Clinical Applications of 3D Printing in Spine Surgery	<u>Soo-Bin Lee</u>		
C-21	16:50 16:55	Development of a Deep Learning-Based Model for Diagnosis of Lumbar Spine Degenerative Diseases	<u>Poramin Tulayachat</u>		
C-22	16:55 17:00	Sagittal Alignment Showdown: SRS-Schwab vs Age-Adjusted vs T4-L1 Hip Axis - Which is Superior?	<u>Jay I Kumar</u>		
	17:00—17:10	討論 Discussion			