



台灣脊椎外科醫學會 113 年會員大會暨第 32 次學術研討會

2024 Annual Meeting of Taiwan Spine Society

日期：2024 年 3 月 16 日(星期六) Date：March 16th, 2024 (Saturday)

會議地點：臺中榮民總醫院研究大樓 Taichung Veterans General Hospital Research Building

主辦單位：台灣脊椎外科醫學會 Taiwan Spine Society

教育積分:外科積分 10 學分，骨科積分 3 學分

08:00-08:30	報到 Registration		
第一會議廳		第二會議廳	
08:30-10:00	Best Paper Competition (O-01~O-10)	08:30-10:00	Free paper(O-11~O-23) MIS
第一會議廳			
10:00-10:10	開幕致詞 Opening Remarks 臺中榮民總醫院 陳適安 院長 Shih-Ann Chen 中華民國骨科醫學會 詹益聖 理事長 Yi-Sheng Chan 台灣脊椎外科醫學會 李政鴻 理事長 Cheng-Hung Lee		
10:10-10:30	Coffee Break		
第一會議廳		第二會議廳	
10:30-12:00	Presidential Lecture	10:30-12:00	Free paper(O-24~O-36) C-spine/Infection/Trauma
12:00-12:20	113 年會員大會		
12:20-13:30	Luncheon Seminar		
第一會議廳		第二會議廳	
13:30-15:00	Special Lecture-MIS	13:30-15:00	Free paper(O-37~O-49) Deformity/Osteoporosis
15:00-15:30	Coffee Break		
15:30-17:10	Special Lecture-Deformity	15:30-17:00	Free paper(O-50~O-62) Basic/Others
17:10-17:20	閉幕 Closing Remarks 台灣脊椎外科醫學會 李政鴻理事長 Cheng-Hung Lee		



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日期：2024 年 3 月 16 日(星期六) 08:00-17:20 Date：March 16th, 2024 (Saturday)

會議地點：臺中榮民總醫院 研究大樓二樓第一會議廳

Taichung Veterans General Hospital Research Building, Conference Hall 1

主辦單位：台灣脊椎外科醫學會 Taiwan Spine Society

08:00-08:30	報到 Registration	
第一會議廳 Conference Hall 1		
Time	Topic	Moderators
08:30-10:00	Best Paper Competition(O-01~O-10)	Tze-Hong Wong / Re-Wen Wu
10:00-10:10	開幕致詞 Opening Remarks ：臺中榮民總醫院 陳適安院長 Shih-Ann Chen 中華民國骨科醫學會 詹益聖理事長 Yi-Sheng Chan 台灣脊椎外科醫學會 李政鴻理事長 Cheng-Hung Lee	
10:10-10:30	Coffee Break	
Presidential Lecture		
10:30-10:50	Association between Paraspinal Muscles and Spino-pelvic Alignment, and Morbidity of Locomotive Syndrome in Patients Undergoing Surgical Treatment for Adult Spinal Deformity Hiroataka Haro, Japan	Wun-Jer Shen/ Tsai-Sheng Fu
10:50-11:10	Interventional Treatment of the Spine Using Ultrasound. Tae Kyun Kim, Korea	Shih-Tien Wang/ Chi-Chien Niu
11:10-11:30	Vertebral body tethering for paediatric scoliosis- what is the current status Kenny Yat Hong Kwan, Hongkong	Shu-Hua Yang/ Wen-Tien Wu
11:30-11:50	ETLIF: Current Status of Uniportal, endoscopic, Posterolateral, Transforaminal lumbar interbody Hyeun-Sung Harrison Kim, Korea	Cheng-Hung Lee /Hsien-Te Chen
11:50-11:55	Sharing of JSSR Fellowship Cheng-Min, Shih, Taiwan	Po-Hsin Chou/ Ming-Hsiao Hu
11:55-12:00	Sharing of JSSR Fellowship Meng-Huang Wu, Taiwan	
12:00-12:20	113 年會員大會 Members of the General Assembly	
Luncheon Seminar		
12:20-12:40	CXR AI model in Osteoporosis Screening - VeriOsteo® Tu Kao Chang, Taiwan	Po-Liang Lai
12:40-13:30	Build Better Bone: Treatment efficacy of Teriparatide in Fx prevention and RWE Cheng-Min, Shih, Taiwan	
Special Lectures - MIS		
13:30-13:50	Recent Advances in Biological Treatments for Low Back Pain Daisuke Sakai, Japan	Kung-Chia Li/ Ming-Hsien Hu
13:50-14:10	Laterally Expandible Cage, TLIF Lam Cheung Hing, Eric, Hongkong	Wen-Hsiang Chou/ Ting-Kuo Chang

14:10-14:30	PECF: Current Status of Uniportal, Full endoscopic, Posterior cervical approach for degenerative Hyeun-Sung Harrison Kim, Korea	Yen-Mou Lu/ Chang-Chen Yang
14:30-14:50	Range of Applications and New Technology in Endoscopic Spine Surgery Ralf Jürgen Wagner, Germany	Jwo-Luen Pao/ Cheng-Li Lin
14:50-15:00	Discussion	All
15:00-15:30	Coffee Break	
Special Lectures - Deformity		
15:30-15:50	Robotic Assisted Surgery for Children's Deformity Mark Erickson, USA	Po-Liang Lai/ Shih-Hsiang Chou
15:50-16:10	Complex Posterior Cervical Deformity Treatment- Japan Experience Sharing Masashi NEO, Japan	Jui-Teng Chien/ Po-Hsin Chou
16:10-16:30	Origin of Neck or Scapular Pain from Cervical Spondylosis Yasuhisa Tanaka, Japan	Kuo-Hua Chao/ Tsong-Tin Tsai
16:30-16:50	Current Understanding of Shoulder Imbalance after Posterior Spinal Fusion in Adolescent Idiopathic Scoliosis: What it is, Why does it happen and How to avoid it? Chris Chan Yin Wei, Malaysia	Yen-Jen Chen/ Shiau-Tzu Tzeng
16:50-17:10	Discussion	All
17:10-17:20	閉幕 Closing Remarks	Taiwan Spine Society President Cheng-Hung Lee

臺中榮民總醫院 研究大樓二樓 第一會議廳
Taichung Veterans General Hospital Research Building, Conference Hall 1

08:30-10:00 **Best Paper Competition(O-01-O10):優秀論文競賽**

(Each topic:presentation for 6 minute and then discussion for 3 minute)

Moderators：王子康/Tze-Hong Wong、巫瑞文/Re-Wen Wu

※演講時間 6 分鐘，發問及討論 3 分鐘

No 編號	Time 時間	Title 題目	Authors 作者	Organization 所屬單位	Pages 頁碼
O-01	08:30 08:39	Enriched peripheral blood-derived mononuclear cells for treating intervertebral disc degeneration: an animal study and preclinical study <u>鍾玉軒</u> ^{1,2,3} / <u>胡名賢</u> ¹ / <u>蘇鴻麟</u> ³		彰化秀傳醫院骨科部 ¹ 、國立中興大學生命科學院轉譯醫學博士班學 ² 、國立中興大學生命科學院 ³	
O-02	08:39 08:48	Exoscopic minimally invasive open-door laminoplasty for cervical myelopathy <u>Kentaro Yamane</u>		Department of Orthopaedic Surgery, National Hospital Organization Okayama Medical Center, Okayama, Japan	
O-03	08:48 08:57	Nerve Root Protection Strategies in Endoscopic Lumbar Fusion Surgery: A Cadaveric Comparative Study between Facet-sparing and Facet-resecting Approaches	<u>許祐嘉</u> / <u>劉原輔</u> / <u>張釗睿</u> / <u>蕭又萌</u> / <u>張瑋倫</u> / <u>林政立</u>	國立成功大學醫學院附設醫院 ¹ 、台南市立安南醫院 ²	
O-04	08:57 09:06	Assessing the Postoperative Neurologic Complications in Thoracic Three-Column Osteotomy:A Clinical Application of a Novel MRI-Based Classification Approach	<u>羅元舜</u> ^{1,2} / <u>林爾迪</u> ² / <u>葉宸維</u> ² / <u>江晟弘</u> ² / <u>蔡俊灝</u> ² / <u>馮逸卿</u> ^{1,2} / <u>陳賢德</u> ²	中國醫藥大學北港附設醫院骨科 ¹ 、中國醫藥大學附設醫院骨科部 ²	
O-05	09:06 09:15	Development of a Novel ResNet-Based Deep Learning Model for Accurate Diagnosis of Osteoporosis via 3D Computed Tomography Scans of the Spine	<u>蕭立衡</u> / <u>林佳慧</u> / <u>涂高暢</u> / <u>施翰廷</u> / <u>李政鴻</u> / <u>陳昆輝</u>	臺中榮民總醫院骨科部	
O-06	09:15 09:24	Results of 3D Printed Patient-Specific Surgical Guide in Scoliosis Surgery	<u>姚又誠</u> / <u>俞文展</u> / <u>周伯鑫</u> / <u>王世典</u> / <u>劉建麟</u>	臺北榮總骨科部脊椎外科 ¹ 、臺北榮總 3D 列印中心 ² 、衛福部立金門醫院 ³	
O-07	09:24 09:33	Applications of anterior column realignment in prone lateral antepsoas or retropleural surgery for adult spinal deformity correction	<u>葉祐成</u> ¹ / <u>蕭語誠</u> ¹ / <u>劉彥麟</u> ¹ / <u>胡永學</u> ¹ / <u>邱炳燁</u> ¹ / <u>高福成</u> ¹ / <u>謝明凱</u> ¹ / <u>蔡宗廷</u> ¹ / <u>賴伯亮</u> ¹ / <u>傅再生</u> ¹ / <u>牛自健</u> ¹ / <u>陳力輝</u> ¹ / <u>陳文哲</u> ²	林口長庚醫院骨科部脊椎科 ¹ 、台北中山醫院骨科 ²	

O-08	09:33 09:42	Exploring Lumbar Ligamentum Flavum Variations Across Different Postures: A Cadaveric Computed Tomography Investigation 劉原輔/張釗睿/許哲嘉/黃國淵/林政立 國立成功大學醫學院附設醫院骨科部
O-09	09:42 09:51	The Meaning of Facet Fluid Found on MRI in Cervical Degenerative Spondylolisthesis 陳顥文/葉光庭/陳英和/于載九/吳文田 花蓮慈濟醫院骨科部
O-10	09:51 10:00	Safety and effectiveness of minimally invasive scoliosis surgery for adolescent idiopathic scoliosis: a retrospective case series of 344 patients Jungwook Lim, Junhong Won, Yunjin Nam, <u>Seung Woo Suh</u> Department of Orthopaedic Surgery, Korea University Guro Hospital, College of Medicine, Korea University, Seoul, Korea

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Taichung Veterans General Hospital Research Building, Conference Hall 2

主辦單位：台灣脊椎外科醫學會 Taiwan Spine Society

Time	Topic	Moderator
08:30-10:00	Free paper(O-11~O-23) MIS	Chien-Jen Hsu/ Ming-Hsiao Hu
10:10-10:30	Coffee Break	
10:30-12:00	Free paper(O-24~O-36) C-spine/Infection/Trauma	Chien-Chun Chang /Meng -Ling Lu
13:30-15:00	Free paper(O-37~O-49) Deformity/Osteoporosis	Ching-Hsiao Yu/ Meng-Huang Wu
15:00-15:30	Coffee Break	
15:30-17:00	Free paper(O-50~O-62) Basic/Others	Chang-Jung Chiang /Shih-Chieh Yang

臺中榮民總醫院 研究大樓一樓 第二會議廳
Taichung Veterans General Hospital Research Building, Conference Hall 2

08:30-10:00 **Free Paper (O-11~O-23): MIS**

Moderators：許建仁/Chien-Jen Hsu、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-11	08:30 08:36	Spondylolisthesis Reduction Using the Crane Maneuver in Combination with Minimally Invasive CBT Screw Technique: Effectiveness and Associated Factors	陳冠融/王鍵元/黃祥銘	中國醫藥大學新竹附設醫院骨科	
O-12	08:36 08:42	Comparison of MIS-TLIF Versus BETLIF in Lumbar Degenerative Disc Disease: Clinical and Radiological Outcomes	黃昱豪/許大立/陳鈺泓/鮑卓倫	亞東紀念醫院骨科部	
O-13	08:42 08:48	Unilateral Biportal Endoscopic Spine Surgery for Thoracic Spontaneous Spinal Epidural Hematoma: A Case Report	曾準 ^{1,2,3} /葉宸維 ¹ /林珈郁 ^{1,3} /陳建聞 ¹ /李翎溢 ¹ /賴建穎 ¹ /蕭龐軒 ¹ /陳賢德 ^{1,4}	中國醫藥大學附設醫院骨科部 ¹ 、中國醫藥大學北港附設醫院骨科部 ² 、中國醫藥大學生物醫學研究所 ³ 、中國醫藥大學運動醫學系 ⁴	
O-14	08:48 08:54	Application of Endoscopic Spine Surgery(ESS) for Osteoporotic Vertebral Compression Fracture (OVCF) . A Clinical Experience in TYGH	游敬孝/吳鴻康/徐千寧/薛光凱	衛生福利部桃園醫院骨科部	
O-15	08:54 09:00	How to Finish One- Level Endo-ULBD within An Hour- Pearls and Pitfalls	何京澤/陳宏龍/徐文星	聯新國際醫院骨科 ¹ 、聯新國際醫院神經外科 ² 、脊椎微創中心 ³	
O-16	09:00 09:06	Targeted epidural blood patch under ultrasound guidance for unrecognized incidental durotomy after unilateral biportal endoscopic decompression: a case report	李威佑/許峻誠/蕭又萌/林瑞模	臺南市立安南醫院-委託中國醫藥大學興建經營	
O-17	09:06 09:12	Treatment of Lumbar Foraminal Stenosis with Uniportal Endoscopic Decompression Only or Endoscopic Fusion?	劉郁欣/陳加憲	衛生福利部雙和醫院 ¹ 、新國民醫院 ² 、臺北醫學大學 ³	
O-18	09:12 09:18	Comparative analysis of multi-segmental spine decompression vs multi-segmental spine fusion by biportal spine surgery	Seung Deok Sun	Sun's Orthopedics' Clinic	

O-19	09:18 09:24	Learning curve of unilateral biportal endoscopic surgery <u>蕭又萌</u> ¹ / <u>李威佑</u> ¹ / <u>許峻誠</u> ¹ / <u>林政立</u> ² / <u>林瑞模</u> ¹ 台南市立安南醫院 ¹ 、國立成功大學醫學院附設醫院 ²
O-20	09:24 09:30	Single-Lateral-Position Oblique Lumbar Interbody Fusion and Pedicle Screw Implantation: Technique and Preliminary Outcomes <u>潘建州</u> / <u>曾聖傑</u> / <u>林育賢</u> / <u>吳蘊哲</u> / <u>石承民</u> / <u>陳昆輝</u> / <u>李政鴻</u> 臺中榮民總醫院骨科部
O-21	09:30 09:36	The comparisons between prone lateral oblique lateral interbody fusion (OLIF) and minimally invasive transforaminal lumbar interbody fusion (MIS-TLIF) <u>李思慧</u> ¹ / <u>劉彥麟</u> ¹ / <u>胡永學</u> ¹ / <u>葉祐成</u> ¹ / <u>李昀達</u> ¹ / <u>邱炳燁</u> ¹ / <u>高福成</u> ¹ / <u>謝明凱</u> ¹ / <u>蔡宗廷</u> ¹ / <u>賴伯亮</u> ¹ / <u>傅再生</u> ¹ / <u>牛自健</u> ¹ / <u>陳力輝</u> ¹ / <u>陳文哲</u> ² 林口長庚醫院骨科部脊椎科 ¹ 、台北中山醫院骨科 ²
O-22	09:36 09:42	ALIF and OLIF as Salvage Procedures for Failed Lumbar Interbody Fusion <u>石承民</u> / <u>陳昆輝</u> / <u>潘建州</u> / <u>吳蘊哲</u> / <u>林育賢</u> / <u>曾聖傑</u> / <u>李政鴻</u> 臺中榮民總醫院骨科部
O-23	09:42 09:48	Expandable Intravertebral Titanium Implant for High-Energy Traumatic Thoracolumbar Burst Fracture without Neurological Deficits <u>楊志勇</u> ^{1,2} / <u>張明超</u> ^{1,2,3*} / <u>周伯鑫</u> ^{1,2} / <u>王世典</u> ^{1,2,4} / <u>林希賢</u> ^{1,2} / <u>姚又誠</u> ^{1,2} / <u>劉建麟</u> ^{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系骨科學科 ² 、宏仁醫院 ³ 、衛生福利部金門醫院 ⁴
	09:48 10:00	綜合討論 Discussion

臺中榮民總醫院 研究大樓一樓 第二會議廳
Taichung Veterans General Hospital Research Building, Conference Hall 2

10:30-12:00 **Free Paper (O-24~O-36) : C-spine/Infection/Trauma**

Moderators : 張建鈞/Chien-Chun Chang、呂孟嶺/Meng -Ling Lu

No 編號	Time 時間	Title 題目	Authors 作者	Organization 所屬單位	Pages 頁碼
O-24	10:30 10:36	Enhancing Intraoperative Radiographic Visualization of the Cervical Spine: A Simple and Innovative Technique	熊偉/陳政光/周伯鑫/釋高上/侯勝茂/洪立維/姚又誠/王世典/林希賢	新光醫院骨科部脊椎外科 ¹ 、台北榮總骨科部脊椎外科 ²	
O-25	10:36 10:42	Lateral Deviation of the Hyoid Bone and Thyroid Cartilage Influences Prevertebral Soft Tissue Swelling and Dysphagia after Anterior Cervical Discectomy and Fusion	Jun-Young, Choi, MD	Dongguk University Ilsan Hospital, Korea	
O-26	10:42 10:48	Effect of hemostatic matrix on Drain Output and Duration of Hospitalization After Multilevel Anterior Cervical Fusion	林希賢/張明超/姚又誠/周伯鑫/王世典/劉建麟	台北榮民總醫院骨科部脊椎外科	
O-27	10:48 10:54	C1–C2 pedicle screws insertion for symptomatic atlantoaxial instability using a customized guiding block. Case series report	許峻誠/蕭又萌/李威佑/林瑞模/方晶晶 ²	安南醫院骨科 ¹ 、成功大學醫工所 ²	
O-28	10:54 11:00	Local vancomycin powder impregnated with autogenous bone graft and bone substitute may decrease deep surgical site infection in elective lumbar instrumented fusion surgery for degenerative diseases: A prospective randomized trial	周伯鑫 ^{1,2} /熊偉/林希賢 ^{1,2} /姚又誠 ^{1,2} /王世典 ^{1,2,4} /張明超 ^{1,2,5}	國立陽明交通大學醫學系骨科學科 ¹ 、臺北榮民總醫院骨科部 ² 、新光吳火獅紀念醫院骨科 ³ 、衛生福利部金門醫院 ⁴ 、宏仁醫院 ⁵	
O-29	11:00 11:06	Overlapping Pathogens in Infectious Spondylodiscitis and the Advancements in Spinal Endoscopic Treatment	林珈郁/蕭龐軒/曾準/陳建聞/陳賢德	中國醫藥大學附設醫院骨科部	
O-30	11:06 11:12	Posterior Only Approach for Lumbar Pyogenic Spondylitis With Short Instrumentation and Prolonged Suction Drainage	Yong Min Kim, MD, PhD · Seong Geun Chu, MD	Department of orthopedics, National police hospital, Seoul, Republic of Korea	

O-31	11:12	Management Strategies for Postoperative Meningitis Following Lumbar Spinal Surgery— case series
	11:18	<u>吳蘊哲</u> / <u>李政鴻</u> / <u>陳昆輝</u> / <u>潘建州</u> / <u>石承民</u> / <u>林育賢</u> 臺中榮民總醫院骨科部
O-32	11:18	The comparison between 1-stage prone lateral surgery and 2-stage anterior-posterior surgery for infective spondylodiskitis
	11:24	<u>陳文哲</u> / <u>陳力輝</u> / <u>牛自健</u> / <u>傅再生</u> / <u>賴伯亮</u> / <u>蔡宗廷</u> / <u>謝明凱</u> / <u>高福成</u> / <u>邱炳燁</u> / <u>葉祐成</u> / <u>胡永學</u> / <u>劉彥麟</u> 林口長庚醫院脊椎科
O-33	11:24	NTM spine infection: Case series and literature review
	11:30	<u>張建鈞</u> / <u>陳賢德</u> / <u>林琮凱</u> / <u>蕭龐軒</u> / <u>林珈郁</u> / <u>賴建穎</u> / <u>李翎溢</u> / <u>曾準</u> / <u>羅元舜</u> / <u>陳建聞</u> 台中慈濟醫院 ¹ 、中國醫藥大學附設醫院 ²
O-34	11:30	Surgical and Neurological Outcome in Thoracolumbar Spine Fractures Among Patients with and without Ankylosing Spinal Disorders
	11:36	<u>楊宣綸</u> ^{2,3} / <u>林希賢</u> ^{1,2} / <u>周伯鑫</u> ^{1,2} / <u>王世典</u> ^{1,2} / <u>劉建麟</u> ^{1,2} / <u>姚又誠</u> ^{1,2} 台北榮民總醫院骨科部 ¹ 、國立陽明交通大學醫學系骨科學科 ² 、台北榮民總醫院教學部 ³
O-35	11:36	Comparison of sagittal values between plain radiography and computed tomography in thoracolumbar fractures: a greater degree of kyphosis is observed in plain radiography than CT
	11:42	<u>Yong Min Kim, MD, PhD</u> · <u>Seong Geun Chu, MD</u> Department of orthopedics, National police hospital, Seoul, Republic of Korea
O-36	11:42	Nonfusion Method in Thoracolumbar and Lumbar Spinal Fractures
	11:48	<u>Yong Min Kim, MD, PhD</u> · <u>Wan Soo Park, MD</u> Department of orthopedics, National police hospital, Seoul, Republic of Korea
	11:48	綜合討論 Discussion
	12:00	

臺中榮民總醫院 研究大樓一樓 第二會議廳
Taichung Veterans General Hospital Research Building, Conference Hall 2

13:30-15:00 **Free Paper (O-37~O-49): Deformity/Osteoporosis**

Moderators : 游敬孝/Ching-Hsiao Yu、吳孟晃/Meng-Huang Wu

No 編號	Time 時間	Title 題目	Authors 作者	Organization 所屬單位	Pages 頁碼
O-37	13:30 13:36	The Surgical Strategy and Risk factors for Distal Junctional Kyphosis after Spinal Reconstruction Surgery in Patients with Osteoporotic Vertebrae	<u>Shinji Takahashi</u>	Osaka Metropolitan University	
O-38	13:36 13:42	Comparisons of health-related quality of life (HRQOL) between adolescents and young adults with surgical treatment for idiopathic scoliosis	<u>嚴宏和/陳志偉/胡名孝/楊曙華</u>	國立臺灣大學醫學院附設醫院骨科部	
O-39	13:42 13:48	Interrelation of Cervical Spine and Lumbopelvic Sagittal Alignment in Elderly Women with Osteopenia and Mild Pain: A Comprehensive Study	<u>葉光庭</u> ^{1/} <u>于載九</u> ^{1/} <u>陳英和</u> ^{1/} <u>吳文田</u> ^{1/} <u>王仁宏</u> ²	花蓮慈濟醫院骨科部 ¹ 、花蓮慈濟醫院研究部 ²	
O-40	13:48 13:54	The surgical outcome of Lenke Type 1 adolescent idiopathic scoliosis patients with radiographic shoulder imbalance	<u>鄭順澤</u> ^{1/} <u>賴伯亮</u> ^{1/} <u>葉祐成</u> ^{1/} <u>陳文哲</u> ²	林口長庚紀念醫院骨科部脊椎科 ¹ 、台北中山醫院骨科 ²	
O-41	13:54 14:00	New surgical strategy for adult degenerative scoliosis: treat the driver, not the major curve	<u>陳衍仁</u> ^{1,2,3/} <u>羅達富</u> ^{1/} <u>陳賢德</u> ^{2,3/} <u>唐國民</u> ^{1/} <u>黃揆洲</u> ¹	亞洲大學附屬醫院 ¹ 、中國醫藥大學 ² 、中國醫藥大學附設醫院 ³	
O-42	14:00 14:06	A Further Step of Percutaneous Cement Discoplasty Percutaneous Interbody Cementation for Degenerative Lumbar Scoliosis	<u>李孔嘉/謝景祥/廖燈華</u>	嘉義陽明醫院	
O-43	14:06 14:12	Risk Factors of Failed Conservative Treatment in Adjacent Vertebral Fractures Following Vertebroplasty	<u>黃柏豪/黃全敬/陳志偉/胡名孝/楊曙華</u>	台大醫院骨科部	
O-44	14:12 14:18	Is it safe to treat osteoporotic burst thoracolumbar fracture with percutaneous vertebroplasty? A minimum 5-year follow-up study	<u>洪沛毅/林希賢/張明超/姚又誠/周伯鑫/王世典/劉建麟</u>	台北榮民總醫院骨科部脊椎外科	
O-45	14:18	Clinical Outcomes of Kyphoplasty in 7 years follow-up – Changing indications be			

		inevitable
	14:24	<u>Ruey-Mo Lin</u> , Jiun-cheng Shiu, Yu-meng Hsiao, Wei-yu Li, Jing-Jing Fang ² Department of Orthopedic Surgery, AnNan Hospital, China Medical University, Tainan, Taiwan Department of Mechanical Engineering, NCKU, Tainan, Taiwan ²
O-46	14:24 14:30	Vertebroplasty in Chronic Kidney Disease Patients – A Population-Based Cohort Study from TCVGH-OPC Database. <u>曾聖傑/鄧雅蓮/潘建州/陳昆輝/李政鴻</u> 臺中榮民總醫院骨科部
O-47	14:30 14:36	Outcome and complication following single-staged posterior minimally invasive surgery in adult spinal deformity <u>葉淳/陳賢德/蕭龐軒/林珈郁/李翎溢/陳建聞/賴建穎/曾準/羅元舜/張建鈞/陳衍仁</u> 中國醫藥大學附設醫院教學部 ¹ 、中國醫藥大學附設醫院骨科部脊椎中心 ² 、 臺中慈濟醫院微創脊椎關節中心 ³ 、亞洲大學附屬醫院脊椎矯正科 ⁴
O-48	14:36 14:42	The outcome and complication of navigation-assisted posterior pedicle screw instrumentation fusion in adolescent idiopathic scoliosis <u>張寶瓏/陳賢德/陳建聞/林珈郁/蕭龐軒/曾準/羅元舜/李翎溢/賴建穎/張建鈞/陳衍仁</u> 中國醫藥大學附設醫院教學部 ¹ 、中國醫藥大學附設醫院骨科部脊椎中心 ²
O-49	14:42 14:48	Robotic-assisted surgery in the treatment of adolescent idiopathic scoliosis <u>李長澤/趙國華</u> 內湖三軍總醫院骨科部
	14:48 15:00	綜合討論 Discussion
	13:30 13:36	Robotic-assisted surgery in the treatment of adolescent idiopathic scoliosis <u>李長澤/趙國華</u> 內湖三軍總醫院骨科部

臺中榮民總醫院 研究大樓一樓 第二會議廳
Taichung Veterans General Hospital Research Building, Conference Hall 2

15:30-17:00 **Free Paper (O-50~O-62) : Basic/Others**

Moderators : 江長蓉/Chang-Jung Chiang、楊士階/Shih-Chieh Yang

No 編號	Time 時間	Title 題目	Authors 作者	Organization 所屬單位	Pages 頁碼
O-50	15:30 15:36	MicroRNA-29a Mitigates Laminectomy-Induced Spinal Epidural Fibrosis and Gait Dysregulation by Repressing TGF- β 1 and IL-6 MicroRNA-29a	<u>巫瑞文</u> /林奕廷/連韋雄/王逢興	高雄長庚醫院骨科部，粒線體醫學研究中心	
O-51	15:36 15:42	Leptin-Induced Oxidative Stress and Inflammation Drive Ligamentum Flavum Hypertrophy in Obesity via ERK and p-38 MAPK Signaling Pathways	<u>莊皓鈞</u> /許祐嘉/劉原輔/許哲嘉/黃敬凱/陳宇聖/林政立	國立成功大學附設醫院骨科部	
O-52	15:42 15:48	Biomechanical Characteristics of Interbody Cementation and Interspinous Process Device for Osteoporotic Patients	<u>李孔嘉</u> ¹ /林上智 ² /徐鈺焜 ² /陳俊名 ³	嘉義陽明醫院骨科部 ¹ 、臺灣科技大學醫學工程研究所 ² 、臺灣科技大學台灣高速 3D 列印研究中心 ³	
O-53	15:48 15:54	An Innovative Tissue-taking Reamer for Percutaneous Cement Discoplasty	<u>李孔嘉</u> ¹ /林上智 ² /徐鈺焜 ² /陳俊名 ³	嘉義陽明醫院骨科部 ¹ 、臺灣科技大學醫學工程研究所 ² 、臺灣科技大學台灣高速 3D 列印研究中心 ³	
O-54	15:54 16:00	Impact of sarcopenia on outcomes following lumbar spine surgery for degenerative disease: An updated systematic review and meta-analysis	<u>陳建聞</u> /羅元舜/林珈郁/曾準/蕭龐軒/賴建穎/李翎溢/陳衍仁/陳賢德	中國醫藥大學附設醫院骨科部脊椎科	
O-55	16:00 16:06	Usefulness of preoperative Short Form-36 Mental Component Score as a prognostic factor in patients who underwent decompression surgery for degenerative lumbar spinal stenosis	<u>Sangbong Ko</u>	Daegu Catholic University Medical Center	
O-56	16:06 16:12	Strong association between visceral fat obesity and occurrence of spinal ligament ossification in asymptomatic subjects: a cross-sectional study	<u>Tsutomu Endo</u> , Soya Mimura, Yoshinao Koike, and Norimasa Iwasaki	Department of Orthopaedic Surgery, Hokkaido University	
O-57	16:12 	Radiologic and clinical outcome comparison between expandable and static cages in open TLIF surgery. Two years retrospective cohort study.			

	16:18	賴大維 ¹ /陳柏銘 ³ /古鳴洲 ^{2,3} /李企桓 ¹ /詹政融 ¹ /鄭博承 ¹ /黃俊憲 ¹ /郭歷京 ^{1,2} 彰濱秀傳醫院 ¹ 、彰化秀傳醫院 ² 、彰化秀傳醫院研發中心 ³
O-58	16:18 16:24	Analgesic effects of sterile water injection for managing low back pain during labor: A systemic review and meta-analysis 周世祥 ¹ /黃裕涵 ² /石佳隴 ³ 大興骨科 ¹ 、南投佑民醫院骨科 ² 、嘉義基督教醫院 ³
O-59	16:24 16:30	In Vivo Assessment of Calcium Phosphate-Zoledronic Acid Microparticles for Targeted Delivery in Vertebroplasty 黃國淵 ¹ /陳昱為 ² /梁子祐 ² /賴敏華 ² /蔡瑞真 ² /熊彥傑 ² 成大醫院骨科部 ¹ 、國立成功大學臨床藥學與藥物科技研究所 ²
O-60	16:30 16:36	Nerve transfer for patients experiencing foot drop following nerve root injury caused by malpositioned pedicle screws 李彥緯/高玉憲/于尚文/楊士階/杜元坤 義大醫院骨科部
O-61	16:36 16:42	The active usage of Tc-MEP monitoring reduces the incidence of postoperative paralysis in spinal cord tumor surgeries Hiroki Ushirozako, M.D., Ph.D. ^{1,19} , Go Yoshida, M.D., Ph.D. ¹ , Kenta Kurosu, M.D., Ph.D. ¹ , Hiroaki Nakashima, M.D., Ph.D. ² , Naoki Segi, M.D., Ph.D. ² , Muneharu Ando, M.D., Ph.D. ³ , Shinichirou Taniguchi, M.D., Ph.D. ³ , Shigenori Kawabata, M.D., Ph.D. ⁴ , Jun Hashimoto, M.D., Ph.D. ⁴ , Kei Yamada, M.D., Ph.D. ⁵ , Shinji Morito, M.D. ⁵ , Tsukasa Kanchiku, M.D., Ph.D. ⁶ , Yasushi Fujiwara, M.D., Ph.D. ⁷ , Hiroshi Iwasaki, M.D., Ph.D. ⁸ , Hideki Shigematsu, M.D., Ph.D. ⁹ , Nobuaki Tadokoro, M.D., Ph.D. ¹⁰ , Masahito Takahashi, M.D., Ph.D. ¹¹ , Kanichiro Wada, M.D., Ph.D. ¹² , Naoya Yamamoto, M.D., Ph.D. ¹³ , Masahiro Funaba, M.D., Ph.D. ¹⁴ , Akimasa Yasuda, M.D., Ph.D. ¹⁵ , Tsunenori Takatani, Ph.D. ¹⁶ , Kazuyoshi Kobayashi, M.D., Ph.D. ¹⁷ , Kazuyoshi Nakanishi, M.D., Ph.D. ¹⁸ , Shiro Imagama, M.D., Ph.D. ² , Yukihiro Matsuyama, M.D., Ph.D. ¹ Department of Orthopedic Surgery, Hamamatsu University School of Medicine, Hamamatsu, Japan ¹ Department of Orthopaedic Surgery, Nagoya University Graduate School of Medicine, Nagoya, Japan ² Department of Orthopedic Surgery, Kansai Medical University, Osaka, Japan ³ Department of Orthopedic Surgery, Tokyo Medical and Dental University, Tokyo, Japan ⁴ Department of Orthopedic Surgery, Kurume University School of Medicine, Kurume, Japan ⁵ Department of Orthopedic Surgery, Yamaguchi Rosai Hospital, Yamaguchi, Japan ⁶ Department of Orthopedic Surgery, Hiroshima City North Medical Center Asa Citizens Hospital, Hiroshima, Japan ⁷ Department of Orthopedic Surgery, Wakayama Medical University, Wakayama, Japan ⁸

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O-62 16:42 Relationship between preoperative glucose level and all-cause mortality in patients
 | with osteoporotic vertebral compression fracture who underwent percutaneous
 16:48 vertebroplasty
 林育賢¹/王文謙¹/林育聰¹/吳蘊哲¹/石承民¹/潘建州¹/陳昆輝¹/李政鴻¹/
 王俊興²
 台中榮民總醫院骨科部¹ 台中榮民總醫院內科部²

16:48
|
17:00 綜合討論 Discussion
