

CHIA YI CHRISTIAN HOSPITAL

# Conference Invitation

★ THE INTERNATIONAL SYMPOSIUM OF ADVANCED ENDOSCOPIC SPINAL SURGERIES ★



With our love:  
Chia-Yi Christian Hospital welcomes you  
to the  
"International Symposium on Spinal Endoscopy"  
We demonstrate the integration of technology, tools  
and inheritance of diverse and rich professional  
experience,  
how to perfectly present advanced medical features  
and achieve outcomes.

★ *Event Dates: April 14 to April 16, 2023* ★

Director of Spine Minimally Invasive Center Huang Yi-hung  
Director of Hospital Yao Wei-Jen

MEDICAL, PREACHING, TEACHING AND RESEARCH, CARING



# **The International Symposium of Advanced Endoscopic Spinal surgeries**

## **highlight on AI/Navigation and fusion surgery"**



### **【 Welcome Message 】**

Minimal invasive endoscopic spine surgery is a demanding approach that combines technology, art and knowledge. As the rapid advance of minimally invasive spine surgery technology, endoscopic spine surgery has a steeper learning curve when compared to conventional surgery. A training facility with a well-trained staff and complete equipment such as AI and navigation will help overcoming such an arduous situation.

In the spirit of providing a cooperation platform for spine surgeons and pain physicians from Taiwan and abroad, we are sincerely to conduct “The International Symposium of Advanced Endoscopic Spinal surgeries- highlight on AI/navigation and fusion surgery” on 14<sup>th</sup>~16<sup>th</sup> April 2023. This conference features world-renowned full endoscopic surgeons including Professor Kaixuan Liu, Zenya Ito, Hyeun Sung Kim, Cheol Wung Park, Jeong Yoon Park, Sangmog Lee.... and many other expertise speakers from abroad (US, Korea, Japan) and Taiwan. There will be not only outstanding speakers going together from the field of minimally invasive procedure, but also will provide a networking platform for surgeons to discuss deeply. This conference is a collaborative effort of Chia-Yi Christian Hospital, National Cheng Kung University Hospital, TSESS, and TSMISS.

We welcome all surgeons and experts to participate in the live lumbar endoscopic spinal TLIF assisted by navigation. Both posterolateral and transKambin approaches of Endo-TLIF would be demonstrated delicately. There will be many other programs available at the conference such as Cadaver Workshop, and podium presentations. Everyone in attendance will have an adequate knowledge of endoscopic spine surgery and participate in discussion of difficulties, complications and benefits of ESS with AI/navigation. We sincerely invite everyone to attend to gain further knowledge and share personal experience in ESS and navigation.

Yi-Hung Huang, MD, MS  
Founding President of TSESS  
Chief of MISS Center

Organizer : Ditmanson Medical Foundation Chia-Yi Christian Hospital

Co-organizer : National Cheng Kung University

Taiwan Spine Society

Taiwan society of endoscopic spine surgery (TSESS)

Taiwan Society of Minimally Invasive Spine Surgery (TSMISS)

**2023/04/14 (Fri.) Live Surgery**

地點：嘉義基督教醫院-路加堂

Time	Topic	Moderator
12:00-16:30	1. Case presentation 2. Introduction of facilities in the Hybrid room 3. Live Surgery: transKambin/posterolateral endoTLIF assisted by navigation	名譽主席：陳英和、林瑞模、黃聰仁 手術演示：黃儀鴻 Moderators：陳建民、劉耿彰、許哲嘉、林政立、張瑋倫 Honor Guests: Kaixuan Liu、Zenya Ito
16:30-17:00	Discussion	
17:00-17:45	TSESS board member meeting	

**2023/04/15(Sat.) Conference Agenda 研討會及病例討論程序表**

地點：嘉義基督教醫院-路加堂

Time	Topic	Speaker
07:30-08:00	Registration 報到	
08:00-08:20	<b>Opening Remark 會議開幕/嘉賓致辭</b> ●嘉義基督教醫院院長 /姚維仁院長 ●花蓮慈濟榮譽院長 /陳英和教授 ●安南醫院榮譽院長 /林瑞模教授 ●臺北醫學大學副院長 /黃聰仁教授 ●台灣脊椎外科醫學會 /李政鴻理事長 ●大會主席 /黃儀鴻創會理事長	Founding President of TSESS
<b>Section I. (English Section) Key-note Symposium I</b>		
Time	Topic	Speaker
<b>Moderator：黃聰仁 黃儀鴻 陳建民 劉耿彰</b>		
08:20-08:40	Full endoscopic management for degeneration lumbar deformity	Hyeun Sung Kim, MD, PhD Director of Nanoori Suwon Hospital. Korea
08:40-09:00	Surgical procedure for Percutaneous Endoscope-Lumbar Interbody Fusion (PE-LIF) newly developed by Aichi Spine Hospital, and comparison with MIS-TLIF	P. Zenya Ito President of Aichi Spine Institute Japan
09:00-09:20	Endoscopic spine surgery in the past, present and future 25 years	Kaixuan Liu, MD, PhD Chief of Atlantic Spine center, US
09:20-09:40	Minimally invasive spine surgery assisted by navigation and robotics: focus on endoTLIF	Chan David Yuen Chung Neurosuroon, assistant P. of Chinese University of Hong Kong
09:40-09:50	Discussion	
09:50-10:20	Group Photo / Coffee Break	

<b>Section II. Endoscopic interbody fusion/ navigation</b>		
<b>Time</b>	<b>Topic</b>	<b>Speaker</b>
<b>EndoTLIF and navigation</b> <b>Moderator : 謝榮豪 盧郁仁 吳孟晃 姚智康 馮尚文</b>		
10:20-10:35	Navigation guided OLIF in heterogenous lumbar disease	吳孟庭 臺北振興醫院 神經外科
10:35-10:50	Applications of ROSA one spine system in minimally invasive spinal surgery	劉恆維 雙和醫院 神經外科
10:50-11:05	Navigation guided endoTLIF in degeneration lumbar lesion and: tips and tricks	黃儀鴻 嘉義基督教醫院 脊椎微創中心
11:05-11:20	Full endoscopic surgery for spinal tumor with navigation assisted by 3-D robotic C-arm	陳建民 彰化基督教醫院 神經外科
11:20-11:35	Navigation in minimally invasive spine surgery	張建鈞 台中慈濟醫院 微創中心
11:35-11:50	Strategies of hemostasis in endoscopic spine fusion surgery	林政立 成大附設醫院骨科部 脊椎外科
11:50-12:00	<b>Discussion</b>	
12:10-12:50	<b>Lunch Seminar /地點 : B03</b> Topic : Bone Health Optimization in Patients with PMO Receiving Spinal Surgery with EVENTITY Speaker : 台中慈濟醫院微創中心 張建鈞主任 Moderator : 嘉義基督教醫院骨科部 黃儀鴻主任	
<b>Section III. Biportal ESS 雙通道脊椎手術策略</b>		
<b>Time</b>	<b>Topic</b>	<b>Speaker</b>
<b>Moderator : 楊昌綦 陳南福 陳建華 吳鴻康</b>		
13:10-13:25	Analysis of outcome and pitfalls in biportal endoscopic transKambin fusion procedure	郭國平 耕莘醫院 脊椎外科
13:25-13:40	Complication avoidance of biportal endoscopic spine surgery	Jeong Yoon Park, MD PhD Dept. of Spinal Neurosurgery Gangnam Severance Hospital, Spine and Spinal Cord Institute,
13:40-14:00	1.What is the best method of cage selection or location 2. Back ground history of large cage insertion by UBE	Sang Mog Lee CheongJu Micro Hospital
14:00-14:15	Rotational insertion of large cage through the transforaminal space with UBE	Seung Deok Sun Sun's orthopedic clinic in Young doo Dong, Seol
14:15-14:25	<b>Discussion</b>	
<b>Section IV. ESS for cervical/thoracic lesion</b>		
<b>Time</b>	<b>Topic</b>	<b>Speaker</b>
<b>Moderator : 孫瑞明 游敬孝 陳文鈺 陳斯逸</b>		
14:25-14:40	UBE ULBD surgery for thoracic spinal canal stenosis due to OLF	Cheol Wung Park, MD, Phd Founder of Daejeon Woori



		Hospital
14:40-14:55	Posterior inclinatory cervical foraminotomy by UBE	Sang Mog Lee CheongJu Micro Hospital
14:55-15:10	Full endoscopic interlaminar discectomy for the treatment of giant thoracic disc herniation	劉耿彰 大林慈濟醫院 脊椎外科
15:10-15:25	Training program of endoscopic cervical spine surgery How to overcome the learning curve	盧郁仁 林口長庚醫院 神經外科
15:25-15:40	Application of posterior cervical endoscopic surgery and its future	謝榮豪 博田國際醫院 院長
15:40-15:50	<b>Discussion</b>	
15:50-16:10	<b>Coffee Break</b>	
<b>Section V. pearls and pitfalls of endoTLIF</b>		
<b>Time</b>	<b>Topic</b>	<b>Speaker</b>
<b>Moderator : 郭國平 彭成桓 張智輝 陳國泰</b>		
16:10-16:25	Complications associated with initial learning curve of UBE fusion	楊昌綦 大林慈濟醫院 骨科部
16:25-16:40	EndoTLIF: how to do effectively and successfully	許哲嘉 成大醫院 骨科部
16:40-16:55	Modified transKambin endoTLIF: extract the advantages of transKambin and posterolateral approaches	簡愷廷 馬偕醫院 骨科部
16:55-17:10	Clinical results and complications of endoscopic lumbar interbody fusion, case series and article review	張瑋倫 國立成功大學醫學院 附設醫院(斗六分院) 骨科
17:10-17:25	Expandable cages in endoTLIF surgery: necessary or not?	江毅彥 輔仁大學附設醫院 骨科
17:25-17:35	<b>Discussion / Closing Remark</b>	
18:00-20:30	<b>Gala dinner</b>	

2023/04/16 (Sun.) Cadaver workshop  
地點：台南國立成功大學醫學院-解剖教室

Time	Topic	instructors
08:00	introduction	林政立
08:20-16:00	A/B group transKamin and posterolateral uniportal endoTLIF	主席：黃儀鴻 Instructors：林政立、許哲嘉、張璋 倫、簡愷廷
16:30-17:00	Certificate and group photo	