



第26回日本脊椎・脊髄神経手術手技学会学術集会  
ランチョンセミナー3 (LS3)

# Luncheon Seminar 3

6 September (Fri.) 12:00～13:00

Room 3 (Osaka International Convention Center 10 F Room 1002)

Speaker1

**Dr. Jiao-Chao YANG**

Lohas Spine Hospital, Kaohsiung, Taiwan

*Experience of intra laminar and  
trans foraminal endoscopic spine surgery  
-Navigation technology for  
endoscopic spine surgery (intracs)-*

Speaker2

**Dr. Wen-Chien CHEN**

Taoyuan Chang Gung Memorial Hospital, Taoyuan, Taiwan

*Full endoscopic discectomy for  
extraforaminal lumbar disc herniation  
in awake patients*

Chairperson

**Dr. Takuya NIKAIDO**

Department of Orthopaedic Surgery,  
Fukushima Medical University School of Medicine

本セミナーは、日本整形外科学会教育研修講演として  
下記いずれか1単位が取得できます。

認定単位 : 日本整形外科学会専門医資格継続単位 (N)  
脊椎脊髄病単位 (SS)

必須分野 : 7

認定番号 : 19-1442-009





## Luncheon Seminar 3 **Abstract**



**Speaker1**

### Dr. Jiao-Chao YANG

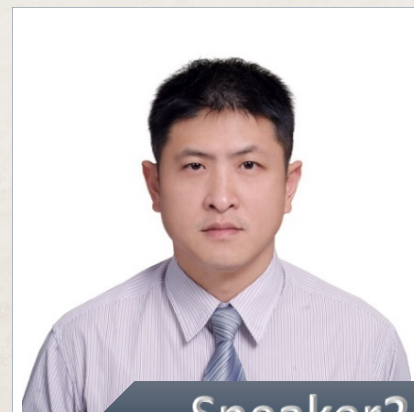
Lohas Spine Hospital, Kaohsiung, Taiwan

**Title**

*Experience of intra laminner and trans foraminal endoscopic spine surgery  
-Navigation technology for endoscopic spine surgery (intracs)-*

**Abstract**

Introducing the evolution of navigation and the workflow of joimax intracs.  
Also intracs case sharing.



**Speaker2**

### Dr. Wen-Chien CHEN

Taoyuan Chang Gung Memorial Hospital, Taoyuan, Taiwan

**Title**

*Full endoscopic discectomy for extraforaminal lumbar disc herniation  
in awake patients*

**Abstract**

Full endoscopic discectomy has been more and more popular. The surgical technique is more difficult for extraforaminal lumbar disc herniation (ELDH) because of the unfamiliarity of the anatomy of extraforaminal zone. From June 2018 to July 2019, there were 103 surgeries of full endoscopic lumbar discectomy done in our institute and eleven cases of them were ELDH. One patient suffered from nerve root injury with persistent numbness, though patient is still satisfied with the clinical result because of pain-free. One patient had unfavorable outcome because of multiple pathologies. Mean VAS score for radicular pain improved from 8.3 to 2.0. Overall, 91% (10/11) of patient experienced satisfactory outcome.

**CV : Dr. Wen-Chien Chen**

July 2007 to present : ATTENDING SURGEON,  
Division of Spinal Surgery, Department of Orthopedics, Chang Gung Memorial Hospital,  
Linkou & Taoyuan, Taiwan

**MEMBERSHIP :**  
Taiwan Orthopedic Association  
Taiwan Society of Spine Endoscope Surgery (TSSES)

