

VATS Uniportal Segmentectomy Live Surgery

10/28 Mon. 08:30 - 11:35 SST & CST
09:30 - 12:35 JST



Faculty

Liu Chia-Chuan, MD

Senior member, Division of thoracic surgery,
Koo Foundation Sun Yat-Sen Cancer Center.
ATEP board member

Clinical Solution

- (Pre-OP) Patient indication, OR set up, 3D image reconstruction
- (In-OP) Dissection technique of vessels, lobes resection Avoiding complication
- (Post-OP) Managing complication

Procedure trained

Uniportal VATS Precise Location & Segmentectomy

Technical Solution (safety use)

Harmonic 1100
Powered Echelon 3000
Powered Vascular Stapler

Course Agenda

TIME	TOPIC	SPEAKERS	MODERATOR
0830-0835	Welcome & Opening	Dr. CC Liu	
0835-0840	Case Introduction		
0840-0855	Live Surgery : VATS Uniportal Segmentectomy	Operator : Dr. CC Liu Koo Foundation Sun Yat-Sen Cancer Center	Dr. Hsu-Kai Huang Tri-Service General Hospital
0855-1055	Discussion		
1055-1100	Closing	Dr. CC Liu	

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Event Host :
ProfEd Sophia Hsu, CommEd Weiting Chen

Disclaimer
Subject to market launch

Dr. Liu Chia-Chuan is a pioneer of Uniportal VATS, he and his team performed Uniportal VATS anatomic resection since 2010. He further succeeded the world first-case of subxiphoid LUL lobectomy for lung cancer in 2014.

He published around 100 papers in ATS, JTCVS, Ann Surg focused on Uniportal VATS and MIE. For sharing his experience, he uploaded lots of Uniportal VATS procedures in his YouTube channel with more than 594 followers. You can find his video on YouTube, by searching “Chia-Chuan Liu”. YouTube Channel

<https://www.youtube.com/user/122108163>

Key points for Uniportal VATS anatomic resection

There is only one straight access from the utility port to the target structure, and this straight access should be reserved for operator's right hand, to ensure the maximum degree of freedom and safety.

For experienced single port surgeon, the best instrument setting will be Harmonic HD1100 in operator's right hand for sharp dissection, and long curved sucker in operator's left hand for suction/traction/blunt dissection.

Course Overview

To pursue the accuracy on surgery, Dr. Liu uses preoperative 3D image reconstruction, which provides 3D anatomical structures of the lungs and helps surgeons to simulate and optimize their surgical strategy. He has been invited to share this experience in many overseas congresses.

Dr. Liu is not only an expert in Uniportal VATS approach but also a Harmonic scalpel master to demonstrate precise surgery. In this Virtual CoE course, your surgeon can learn both preoperative 3D image study as well as how to use Harmonic scalpel correctly.



Registration



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