



# 6<sup>TH</sup> APELS Upper GI Training Course

13-14 May 2018



## Day 1 13<sup>th</sup> May (Advance in Benign upper GI procedure)

Time	Topic	Faculty	Parallel Session for nurses	
0900 - 0905	Welcome message	Michael Li		
0905 - 0915	Course Introduction	Suthep Udomsawaengsup, Davide Lomanto		
<b>Session I</b>	<b>Topic: Introduction to Endoscopic &amp; Laparoscopic Upper GI Surgery</b> <b>Chair: Davide Lomanto / Kevin Yau</b>			
0915 - 0930	Utilization of Endo-Lap concept for Upper GI Surgery	Michael Li		
0930 - 0945	How to set up Hybrid Theater	Suthep Udomsawaengsup		
0945 - 1000	Laparoscopic gastric cancer surgery: Good and Bad techniques from JSES videoclips	Seigo Kitano		
1000 - 1015	<b>Tea Break (Group Photos)</b>			
<b>Session II</b>	<b>Topic: Advance Endoscopic procedure for Benign Upper GI Surgery</b> <b>Chair: Asim Shabbir / Suthep Udomsawaengsup</b>		<b>Endoscopy Room Setup &amp; Instrument Handling</b> (Ms Reanthong Nanthachinda)	
1015 - 1030	Procedure for Upper GI bleeding	Bandhuphat Chakrabandhu	1. Imaging Systems Setup 2. Maintenance & handling 3. Endoscope Setup 4. ET Instrument & energy	
1030 - 1045	EMR: Energy and Instrument	Ajjana Techagumpuch		
1045 - 1100	EUS in Upper GI	Amarit Tansawet		
1100 - 1230	Endoscope Hands-on training (1.5 hrs)		Case Support Simulation	
	Introduction to Endoscopes (10 mins) - Endoscopes handling - ET Application - Familiar with EMR equipment - Procedure (EMR, Injection, Clip)	Model: Pig Stomach in Acrylic box		- Understand basic Endoscopic Procedures - Correctly identify ET products for endoscopic procedures - Ability to handle endoscopes with care and make sure no damage to the scopes
1230 - 1330	<b>Lunch</b>			
<b>Session III</b>	<b>Topic: Laparoscopic technique for Upper GI Surgery</b> <b>Chair: Errawan Wiradisurla / Kevin Yau</b>		<b>Nurse Round Table Discussion</b> Ms Wantanee Ngamwong & Ms Reanthong Nanthachinda	
1330 - 1345	Laparoscopic suturing for Upper GI surgery	Kanokkan Tepmalai	1. Introduction of your Hospital 2. Sharing of existing OT practice 3. Propose best theater setup for Endo-lap surgery 4. Training and education need in OR	
1345 - 1400	Advance energy and hemostasis for Upper GI surgery	Davide Lomanto		
1400 - 1415	Techniques of GJ anastomosis	Asim Shabbir		
1415 - 1430	<b>Tea Break</b>			
1430 - 1700	Laparoscopic Hands on training (2.5 hrs)		<b>Case Support Simulation (2.5 hrs)</b>	
	- 3D suturing challenges & technique - Anastomosis - Dissection	Model: POP box with pigs organ (small and large bowel)	All	- Successfully complete Installation and setup for 3D laparoscopic station - Correctly identify hand instrument - Energy device assembly and setup
1700 - 1730	Discussion & Feedback. Briefing for second day hands on			
1730 - 2000	Dinner in T-Tec			





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## Day 2 14<sup>th</sup> May

Time	Topic	Faculty	Parallel Session for nurses
<b>Session IV</b>	Laparoscopic Approach to Benign Upper GI Surgery I (GERD and PU perforate) Chair: Davide Lomanto / Kanokkan Tepmalai		Laparoscopic Surgery Theater Arrangement Ms Wantanee Ngamwong
0900 - 0915	GERD when to consider surgical treatment and how to prepare	Kevin Yau	1. Energy system assembly and probe check 2. Camera system and gas insufflation setup 3. Laparoscopic handling & preparation 4. Final check for procedure
0915 - 0930	Laparoscopic Nissen Fundoplication	Suthep Udomsawaengsup	
0930 - 0945	Peptic ulcer perforation: What is a role of laparoscopy?	Bandhuphat Chakrabandhu	
0945 - 1000	Simple closure of peptic perforation and Trunkal Vagotomy technique	Asim Shabbir	
<b>1000 - 1015</b>	<b>Tea break</b>		
<b>Session V</b>	Laparoscopic Approach to Benign Upper GI Surgery II (Achalasia) Chair: Suthep Udomsawaengsup / Errawan Wiradisuria		
1015 - 1030	Diagnosis of Achalasia	Pornthep Prathanvanich	
1030 - 1045	Endoscopic approach to Achalasia	Chainarong Phalanusitthepha	
1045 - 1100	Laparoscopic Heller Myotomy	Pornthep Prathanvanich	
1100 - 1115	Introduction to cadaveric workshop	Ajjana Techagumpuch	
<b>1115 - 1230</b>	<b>Lunch</b>		
1230 - 1600	Cadaver Hands on Session (4 hrs)		Case Support Simulation Objectives
	- Case briefing with nurses - Provide adequate instruction to scrub nurse - Simple closure of peptic ulcer perforation - Posterior Trunkal vagotomy + anterior sero myotomy - Heller Myotomy - Nissen Fundoplication - Gastro-jejunosomy anastomosis		- Camera positioning - Hand instrument - Traction Control - Energy device trouble shooting - Suturing and stapling technique
1600 - 1630	Completion of assessment & discussion		
1630 - 1700	Closing remarks and certificate presentation	All	