7TH APELS Upper GI Training Course

Organizer: Asia Pacific Endo-Lap Surgery Group APELS

Day 1 26th May 2019

Time	Topic		Faculty	Parallel Session for nurses
0900 - 0905	Welcome message		Michael Li	
0905 - 0910	Course Introduction		Suthep Udomsawaengsup, Davide Lomanto	
0910 - 0915	Olympus T-TEC and wet lab policy			
Session I	**Topic:** Latest advancement in Endo-Laparoscopic Imaging **Chair:** Suthep Udomsawaengsup / Davide Lomanto			
0915 - 0930	Endo-Lap concept for Advanced Upper GI Surgery		Michael Li	
0930 - 0945	ICG Imaging in Upper GI Surgery		Asim Shabbir	
0945 - 1000	JSES Training Experience in Upper GI Surgery		Hiroya Takeuchi	
1000 - 1015	Tea Break (Group Photos)			
Session II	**Topic:** Advance Endoscopic procedures for Upper GI Surgery **Chair:** Allen Buenafe / Asim Shabbir			**Endo-Laparoscopic Surgery - Nurse Round Table Discussion** (All)
1015 - 1030	Endoscopic management of Upper GI bleeding		Roy Patankar	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
1030 - 1045	Endosuturing and novel therapeutic approach in GERD		Jimmy So	
1045 - 1100	EMR / ESD / POET / POEM		Jimmy So	
Session III	**Topic:** Laparoscopic technique for Upper GI Surgery **Chair:** Roy Patankar / Suthep Udomsawaengsup			
1100 - 1145	Laparoscopic suturing for upper GI surgery		Allen Buenafe	**Instrument Setup and Handling**
1145 - 1200	Advance energy and hemostasis for Upper GI surgery		Davide Lomanto	1. Imaging Systems Setup 2. Maintenance & handling 3. Endoscope Setup 4. ET instrument & energy
1200 - 1215	Techniques of GJ & anastomosis		Asim Shabbir	
1215 - 1330	Lunch			
1330 - 1500	Endoscope Hands-on training (1.5 hrs)			**Case Support Simulation**
	Safe and Effective use of Flexible Endoscopes		Olympus	- 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
	Advance Endoscopic procedures - POEM		Jimmy So	
	- ET Applications - Familiar with EMR equipment - Proceure (EMR, Injection, Clip) - POEM featuring station (Jimmy So)	Model: Pig Stomach in Acrylic box	8 stations + 1 POEM	
1500 - 1530	Break			
1530 - 1700	Laparoscopic Hands on training (1.5 hrs)			**Case Support Simulation (2hrs)**
	Safe and effective use of 3D imaging & advance energy		Olympus	- Successfully complete installation and setup for 3D laparoscopic station - Correctly identify hand instrument - Energy device assembly and setup
	- 3D suturing challenges & assessment	Model: POP box with suturing assessment tools		
1700 - 1730	Discussion & Feedback. Briefing for second day hands on			

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Day 2 27th May 2019

Time	Topic	Faculty	Parallel Session for nurses
Session IV	**Topic:** Laparoscopic Approach to Benign Upper GI Surgery I **Chair:** Suthep Udomsawaengsup / Davide Lomanto		**Laparoscopic Surgery Theater Arrangement**
0900 - 0910	GERD: Diagnosis, Indication and surgical Option: Toupet, Dor: Surgical Step	Suthep Udomsawaengsup	1. Energy system assembly and probe check 2. Camera system and gas insufflation setup 3. Laparoscopic handling & preparation 4. Final check for procedure
0910 - 0920	Laparoscopic Nissen Fundoplication: How to do it	Roy Patankar	
0920 - 0930	Peptic Ulcer Perforation: Surgical treatment	Allen Buenafe	
0930 - 0940	Diagnosis and Treatment of Achalasia	Jimmy So	
1000 - 1020	Tea break		
Session V	**Topic:** Laparoscopic Approach to Benign Upper GI Surgery II **Chair:** Allen Buenafe / Roy Patankar		
1020 - 1040	Lap Sleeve: How to do it?	Davide Lomanto	
1040 - 1050	RYGB: How to do it?	Suthep Udomsawaengsup	
1050 - 1100	Endoluminal Approaches in UGI surgery	Asim Shabbir	
1100 - 1110	Introduction to cadaveric workshop	Ajjana Techagumpuch	
1110 - 1600	Cadaver Hands on Session (4 hrs)		**Case Support Simulation Objectives**
	Safe and effective use of Staplers	Panther	- Camera positioning - Hand instrument - Traction Control - Energy device trouble shooting setup
	- Case briefing with nurses - Provide adequate instruction to scrub nurse (Take turns for lunch) - Simple closure of peptic ulcer perforation - Posterior Trunkal vagotomy + anterior sero myotomy - Heller Myotomy - Nissen Fundoplication		
1300 - 1400	Lunch		
1620 - 1650	Completion of assessment & discussion		
1650 - 1700	Closing remarks and certificate presentation	All	