

Organizer: **CRS**

CLINICAL
ROBOTIC
SURGERY
ASSOCIATION

LET'S KEEP IN TOUCH TO IMPROVE OUR ROBOTIC CLINICAL PRACTICE

Host Organizers:



Minimal Access Surgery Training Centre
Pamela Youde Nethersole Eastern Hospital

Co-host Organizers:



Chinese Robotic
Surgery Association

10th Worldwide Congress of Clinical Robotic Surgery Association 5th International Symposium for Hepato-Pancreato-Biliary Surgery 4 – 6 October 2018 • Hong Kong

PROGRAMME BOOK

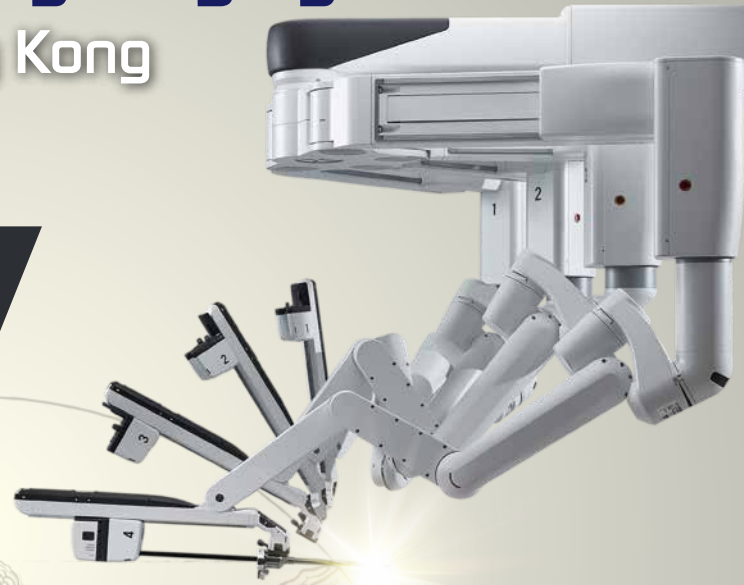


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WELCOME MESSAGE



Dear Friends,

On behalf of the Clinical Robotic Surgery Association (CRSA) and the Local Organizing Committee, it is my great pleasure to welcome you all to the **10th Worldwide Congress of Clinical Robotic Surgery Association** cum the **5th International Symposium for Hepato-Pancreato-Biliary Surgery** on 4-6 October 2018 in Hong Kong.

Technological innovations in robotic surgery continue to break new grounds. Surgical procedures involving the use of robotic system have undergone series of refinements to become more sophisticated and versatile. This raises the need for a meeting to share the latest advancements and to mark the contributions of our clinical counterparts in the field. Renowned faculties and clinical leaders from Asia-pacific Region, Europe and USA will be joining us to present their cutting-edge view of the current practice. We are sure that the Congress will extend our horizons in advanced technology and knowledge in robotic surgery for the betterment of improving patient safety.

Hong Kong Society of Robotic Surgery and Minimal Access Surgery Training Centre of Pamela Youde Nethersole Eastern Hospital are pleased to host the Congress under full support of CRSA. With the vision to foster clinical innovations, CRSA plays a pivotal role in connecting the global community to drive development and innovation in robotic surgery. Today, we are enjoying the latest advancement and academic interaction through this networking with thousands of clinical leader in the world. The contribution of CRSA is no less impressive in modernizing surgical practices to improve clinical outcomes and service efficiency. Yet, there are challenges ahead which require our joint effort and collaboration to succeed the quality journey.

I wish to convey my sincere gratitude to our affiliated association in the Asia-pacific Region - **Robotic Surgery Society of Singapore, Taiwan Robotic Surgery Association, The Korean Association of Robotic Surgeons** and **Chinese Robotic Surgery Association** in joining us as our co-host organizers to promulgate this Congress in their region. My special thanks goes to commercial partners for their unfailing support to this Congress. Last but not least, I hope you will have a fruitful and memorable Congress as well as enjoy your stay in our vibrant city of Hong Kong.



Chung Ngai TANG

Chairman, Local Organizing Committee, CRSA 2018
President, Hong Kong Society of Robotic Surgery
President, Clinical Robotic Surgery Association

COMMITTEE

Local Organizing Committee

Chairman:

Chung Ngai TANG

Members:

Oliver Chun Yin CHAN

Tony Pui Pong CHEUNG

Philip Wai Yan CHIU

Chi Yee CHOI

Chi Wai FAN

Eric Chun Hung LAI

Chi Wai LAU

Michael LI

Tony Wing Chung MAK

Chi Fai NG

Simon Siu Man NG

Anthony TEOH

Raymond King Yin TSANG

David Ka Kin TSUI

Ming Kwong YIU

Scientific Committee

Colorectal

Simon Siu Man NG

Gyu Seog CHOI

Paolo Pietro BIANCHI

HPB

Pier Cristoforo GIULIANOTTI

Yao Ming WU

Andrea CORATTI

Endocrine, Head & Neck

Eren BERBER

Woong Youn CHUNG

Raymond King Yin TSANG

Upper GI

Anusak YIENGPRUKSAWAN

Ichiro UYAMA

Woo Jin HYUNG

Thoracic

Giulia VERONESI

Mark DYLEWSKI

Hernia

Anusak YIENGPRUKSAWAN

Francesco M. BIANCO

Transplantation

Enrico BENEDETTI

Yao Ming WU

Bariatric

Ranjan SUDAN

Erik WILSON

Single Site

Konstantinos KONSTANTINIDIS

Cheng Ming PENG

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1. Based on internal test report #21280022. Analysis of staple line vascularity using MicroCT between Medtronic 60 mm AVM tan reload and Ethicon 60mm 2.5 mm white reload. April 27, 2015.
2. Based on internal test report #PCG-007_Rev 1. When compared to Echelon Flex™ green reloads as part of an analysis comparing different stapler designs and their performance and impact on tissues under compression using two-dimensional finite element analysis. Sept. 2, 2011.

PROGRAMME AT A GLANCE

THURSDAY 4 OCTOBER 2018 – PRE-CONGRESS WORKSHOP

Venue: HKEC Training Centre for Healthcare Management & Clinical Technology,
Pamela Youde Nethersole Eastern Hospital, 3 Lok Man Road, Chai Wan

08:45-09:00	REGISTRATION		
09:00	WELCOME ADDRESS		
	LECTURE ROOM 1 (2/F)	LECTURE THEATRE (G/F)	
09:00-17:30	Live Surgery Demonstration (Pamela Youde Nethersole Eastern Hospital & Prince of Wales Hospital)	09:00-12:00	Nursing Workshop
		12:00-13:00	Hands-on session on robotic & laparoscopic training simulator
		<i>(participants are welcome to join the live surgery demonstration after the end of Nursing Workshop)</i>	

FRIDAY 5 OCTOBER 2018 (DAY 1) – MAIN CONGRESS

Venue: New World Millennium Hotel, 72 Mody Road, Tsim Sha Tsui East, Kowloon

	GRAND BALLROOM (2/F)	CHAIRMAN'S PLACE (M/F)	GARDEN ROOM A + B (2/F)	GARDEN ROOM D (2/F)	EVENT ROOM 1 + 2 (LG/F)
08:20-08:45	REGISTRATION				
08:45-09:15	Opening Ceremony				
09:15-10:30	Keynote Lectures 1				
10:30-10:50	Morning tea				
10:50-12:35	Upper GI 1	Endocrine, Head & Neck 1	HPB 1 (5th International Symposium for HPB Surgery)	Hernia	Nursing session (10:50-11:50) / Industry (11:50-12:35)
12:35-13:45	Lunch				
13:45-15:15	Upper GI 2	Endocrine, Head & Neck 2	Complex Cases	Oncology	Training & Credentialing
15:15-15:35	Afternoon tea				
15:35-17:20	Master Video 1	Endocrine, Head & Neck 3	Colorectal 1	Motion Picture (Oral) 1	Free Paper (Oral) 1
19:00-21:30	Gala Dinner				

PROGRAMME AT A GLANCE

SATURDAY 6 OCTOBER 2018 (DAY 2) – MAIN CONGRESS

Venue: New World Millennium Hotel, 72 Mody Road, Tsim Sha Tsui East, Kowloon

	GRAND BALLROOM (2/F)	CHAIRMAN'S PLACE (M/F)	GARDEN ROOM A + B (2/F)	GARDEN ROOM D (2/F)	EVENT ROOM 1 + 2 (LG/F)
08:30-08:45	REGISTRATION				
08:45-10:00	Keynote Lectures 2				
10:00-10:30	Survey Session				
10:30-10:50	Morning tea				
10:50-12:35	Colorectal 2	HPB 2 (5th International Symposium for HPB Surgery)	Challenging Cases/ Transplantation	Cardiothoracic	Innovation
12:35-13:35	Lunch				
13:35-15:20	Colorectal 3	HPB 3 (5th International Symposium for HPB Surgery)	Single Site Surgery	Bariatric	Free Paper (Oral) 2
15:20-15:50	Afternoon tea				
15:50-17:35	Colorectal 4	HPB 4 (5th International Symposium for HPB Surgery)	Best Free Paper (Oral)	Best Motion Picture (Oral)	Master Video 2
17:35-17:45	Awards Presentation and Closing Remarks				

CONGRESS INFORMATION

Congress Venue

Pre-Congress Workshop (4 October)	Pamela Youde Nethersole Eastern Hospital (PYNEH) HKEC Training Centre for Healthcare Management & Clinical Technology 3 Lok Man Road, Chai Wan, Hong Kong
Main Congress (5-6 October)	New World Millennium Hotel, Tsim Sha Tsui (NW Hotel) 72 Mody Road, Tsim Sha Tsui East, Kowloon, Hong Kong

Faculty Dinner (By Invitation)

Date:	6 October 2018 (Sat)
Time:	19:00 – 21:30
Venue:	HEXA
Address:	Shop OTE 101, Harbour City, Tsim Sha Tsui
Dress Code:	Smart Casual
Coach Transfer:	From New World Millennium Hotel (G/F Lobby): 18:15 From Venue to New World Millennium Hotel: 21:30

Registration and Information Desk

The Registration and Information Desk is located and operated with details below:

4 October 2018 (Thu)	08:45 – 17:30	HKEC Training Centre for Healthcare Management & Clinical Technology, Pamela Youde Nethersole Eastern Hospital
5 October 2018 (Fri)	08:20 – 17:20	Garden Room Foyer, 2/F, New World Millennium Hotel
6 October 2018 (Sat)	08:30 – 17:45	

Speakers' Preview Room

Speakers and oral presenters are requested to bring their PowerPoint presentation files to the "Speakers' Preview Room" located at Garden Room C, 2/F at least 4 HOURS before the time of their presentation.

Date	Time
5 October 2018 (Fri)	08:00 – 17:00
6 October 2018 (Sat)	08:00 – 17:00

Gala Dinner

Admission by name badge. One complimentary ticket is included in the full registration except day registration.

Date:	5 October 2018 (Fri)
Time:	19:00 – 21:30
Venue:	Grand Ballroom, 2/F, New World Millennium Hotel, Tsim Sha Tsui
Dress Code:	Smart Casual

Name Badge

All delegates are required to wear the official name badge at all times while in the Congress venue. This will serve as your admission to all scientific sessions, lunch, exhibition and refreshment breaks included in your registration fee.

CME/CNE Accreditation

CME & CNE points are applied for the Pre-Congress Workshop and Main Congress for the local participants, please signify your attendance at the service desk located at the Registration Area.

E-Certificate of Attendance

A Certificate of Attendance will be emailed to all registered participants after the Congress.

Important Disclaimer

Every effort has been made to ensure that the congress programme is accurate at the time of printing. However, organizers reserve the right to change the programme as circumstances may require.

FACULTY

Asia

	Ki Beom BAE		Gyu Seog CHOI		Bao Qing JIA
	Vivek BINDAL		Seo Hee CHOI		Chang Moo KANG
	Grace CHAN		Carmen CW CHU		Kyung Ho KANG
	Oliver Chun Yin CHAN		Kent Man CHU		Hye Jin KIM
	Wai Hong CHAN		Daniel Tat Ming CHUNG		Jin Cheon KIM
	Kuo Hsin CHEN		Woong Youn CHUNG		Seon Hahn KIM
	Frances Ka Yin CHEUNG		Kakiashvili ELI		Young Woo KIM
	Tan To CHEUNG		Chi Wai FAN		Li Jen KUO
	Tony Pui Pong CHEUNG		Brian GOH		Eric Chun Hung LAI
	Wai Keung CHICK		Ho Seong HAN		Brian Hung Hin LANG
	Adrian CHIOW		Simon See Ming HOU		Chi Wai LAU
	Philip Wai Yan CHIU		Wendy HUANG		Steven Chung Yau LAW
	Chi Yee CHOI		Catherine HUI		Kit Fai LEE
	Gi Hong CHOI		Woo Jin HYUNG		King Teh LEE

FACULTY

Asia



Wanda Wai Wah LEE



Jaydeep PALEP



Shen Nien WANG



Alex Lik Hang LEUNG



Skyi YC PANG



Xiao Ying WANG



Ching Han LEUNG



Dawon PARK



Po Li WEI



Eric SK LI



Cheng Hong PENG



Erica Wai Yan WONG



Hecheng LI



Alan SIHOE



Hung Sheng WU



James Cheuk Man LI



Evgeny SOLOMONOV



Yao Ming WU



Phenita LI



Atsushi SUGIOKA



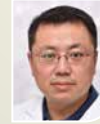
Jianmin XU



Wen Bin LI



Chung Ngai TANG



Jiqi YAN



Jin Tung LIANG



Anthony TEOH



Han Kwang YANG



Rong LIU



Raymond King Yin TSANG



Tsung Lin YANG



Tony Wing Chung MAK



David Ka Kin TSUI



Hong Liang YAO



William Chia Shing MENG



Suthep UDOMSAWAENGSP



Anita Yuk Mui YEUNG



Simon Siu Man NG



Ichiro UYAMA



Yan Bing ZHOU



Chinnusamy PALANIVELU



Go WAKABAYASHI

Tai Yuan LI
Marianne Mo Lin LUI
Byung Soh MIN
Cheng Ming PENG
Bai Yong SHEN

FACULTY

Europe



Paolo Pietro BIANCHI



Laurent BRESLER



Andrea CORATTI



Bernard DALLEMAGNE



Jacques MARESCAUX



Andrea MOGLIA



Graziano PERNAZZA



Micaela PICCOLI



Jens RUECKERT



Giuseppe SPINOGLIO



Emilio VICENTE



Michel VIX

Eduardo FERNANDES

Yolanda QUIJANO

Giulia VERONESI

North America



Abbas ABBAS



Mehran ANVARI



Garth BALLANTYNE



Enrico BENEDETTI



Eren BERBER



Mark DYLEWSKI



Antonio GANGEMI



Pier Cristoforo
GIULIANOTTI



Emad KANDIL



Konstantinos
KONSTANTINIDIS



Yusef KUDSI



John MARTINIE



Vincent OBIAS



Rana PULLATT



Ranjan SUDAN



Ivo TZVETANOV



Erik WILSON



Yang Hee WOO

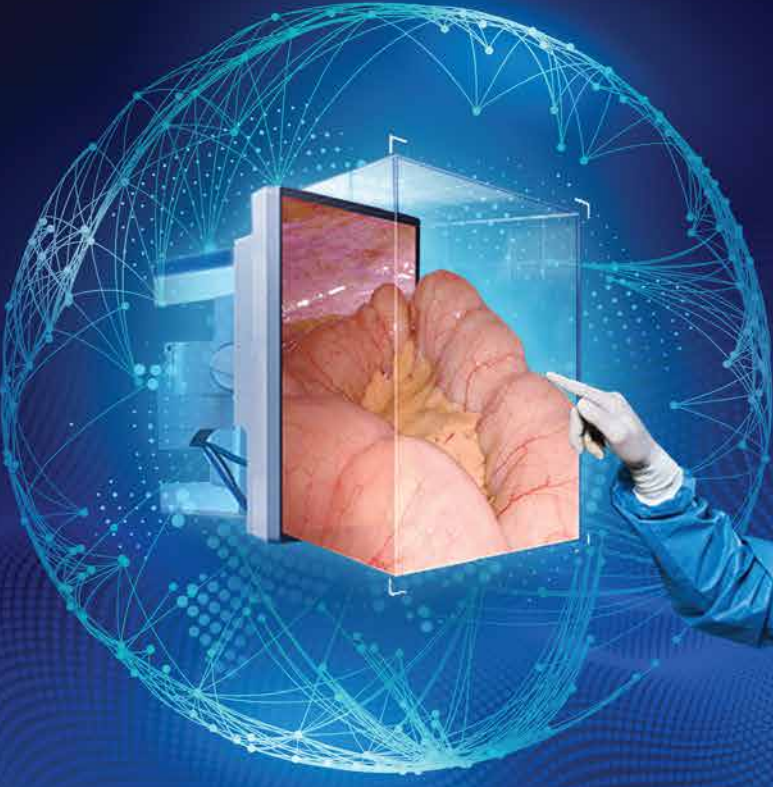


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SCIENTIFIC PROGRAMME

4 October

Live Surgery Demonstration

Time: 09:00-17:30

Venue: Lecture Room 1, Pamela Youde Nethersole Eastern Hospital

Moderators: *Mehran ANVARI, Eren BERBER, William MENG, Eric CH LAI, Alex LH LEUNG*

Live from Pamela Youde
Nethersole Eastern
Hospital

Robotic adrenalectomy
CN TANG & his team

**Robotic hepatectomy/
pancreatectomy**
CN TANG & his team

**Robotic right hemicolectomy
(CME)**
CW LAU & his team

Live from Prince of Wales
Hospital

Robotic colorectal surgery
Gyu Seog CHOI & his team

Robotic gastrectomy
Woo Jin HYUNG & his team

Nursing Workshop

Time: 09:00-12:00

Venue: Lecture Room 2, Pamela Youde Nethersole Eastern Hospital

Development of minimal access surgery

Eric CH LAI

Evolution of robotic surgery

Phenita LI

Situational awareness in robotic surgery

Catherine HUI

Hands-on session on robotic & laparoscopic training simulator

Time: 12:00-13:00

Venue: EndoLAP OR, Minimal Access Surgery Training Centre

**Participants are welcome to join the live surgery demonstration after the end of Nursing Workshop*

SCIENTIFIC PROGRAMME

5 October

Opening Ceremony

Time: 08:45-09:15

Venue: Grand Ballroom, 2/F

Welcome address:

Chung Ngai TANG, Chairman, Local Organizing Committee, CRSA 2018 and President, CRSA

Keynote Lectures 1

Time: 09:15-10:30

Venue: Grand Ballroom, 2/F

Moderators: *Gyu Seog CHOI, Go WAKABAYASHI, Yao Ming WU*

09:15-09:40 **Computer-assisted technologies: The magic wand of surgery**

Jacques MARESCAUX

09:40-10:05 **Advances in robotic bariatric surgery**

Ranjan SUDAN

10:05-11:30 **Future evolution of surgical robots**

Mehran ANVARI

Upper GI Surgery 1

Time: 10:50-12:35

Venue: Grand Ballroom, 2/F

Moderators: *Kent Man CHU, Bernard DALLEMAGNE, Anthony TEOH*

10:50-11:05 **Accurate lymph node dissection for gastric cancer navigated by the preoperative imaging**

Yan Bing ZHOU

11:05-11:20 **Roles of "Firefly" imaging in robotic gastric surgery**

Anusak YIENGPRUKSAWAN

11:20-11:35 **Does robotic gastrectomy provide any clinical advantage?**

Anthony TEOH

11:35-11:50 **Surgical options for "GEJ" cancer**

Ichiro UYAMA

11:50-12:05 **Reconstruction during robotic total gastrectomy**

Woo Jin HYUNG

12:05-12:20 **Short-term outcomes between total da Vinci robotic distal gastrectomy and da Vinci robotic-assisted distal gastrectomy for gastric cancer**

Tai Yuan LI

12:20-12:35 **Role of robotic gastrectomy and future prospects**

Young Woo KIM

Endocrine Surgery/Head & Neck Surgery 1

Time: 10:50-12:35

Venue: Chairman's Place, M/F

Moderators: *Emad KANDIL, Raymond KY TSANG, Suthep UDOMSAWAENG SUP*

10:50-11:05 **Detection of parathyroid autofluorescence with intrinsic fluorophores: a multi-center analysis**

Eren BERBER

11:05-11:20 **Laparoscopic and robotic adrenalectomy - an overview**

David KK TSUI

11:20-11:35 **Robotic adrenalectomy using lateral trans-peritoneal approach**

Dawon PARK

SCIENTIFIC PROGRAMME

11:35-11:50	Robotic thyroidectomy - BABA approach <i>Wai Keung CHICK</i>
11:50-12:05	Robotic adrenalectomy: is it worthwhile? <i>Micaela PICCOLI</i>
12:05-12:20	The trans-hairline approach for excision of the parathyroid tumor <i>Tsung Lin YANG</i>
12:20-12:35	Robotic transoral surgery: Hong Kong experience <i>Raymond KY TSANG</i>

HPB Surgery 1 (5th International Symposium for HPB Surgery)

Time: 10:50-12:35

Venue: Garden Room A + B, 2/F

Moderators: *Tan To CHEUNG, Eduardo FERNANDES, Wagner MARCONDES*

10:50-11:20	Debate: is robotic hepatectomy better than laparoscopic hepatectomy? <i>Pier Cristoforo GIULIANOTTI, Go WAKABAYASHI</i>
11:20-11:35	Robotic liver resection for HCC <i>Yao Ming WU</i>
11:35-11:50	Minimally invasive hepatectomy for colorectal liver metastasis <i>Tan To CHEUNG</i>
11:50-12:05	Korean robotic surgical system, REVO-I in minimally invasive HBP surgery <i>Chang Moo KANG</i>
12:05-12:20	The Brazilian's ten-year experience of robotic pancreatectomy <i>Wagner MARCONDES</i>
12:20-12:35	Emerging innovation of robotic HPB surgery <i>Atsushi SUGIOKA</i>

Hernia Surgery

Time: 10:50-12:35

Venue: Garden Room D, 2/F

Moderators: *Tony PP CHEUNG, Chi Wai FAN, Yusef KUDSI*

10:50-11:05	eTEP Stoppa-Rives repair for incisional hernia <i>Kuo Hsin CHEN</i>
11:05-11:20	Robotic retro-rectus ventral hernia repair: a proper anatomical location for the synthetic mesh <i>Yusef KUDSI</i>
11:20-11:35	Robotic assisted inguinal hernia repair <i>Tony PP CHEUNG</i>
11:35-11:50	Effects of social media on robotic hernia surgery <i>Yusef KUDSI</i>
11:50-12:35	Free Paper Presentation (<i>please refer to P.23</i>)

Nursing Session

Time: 10:50-11:50

Venue: Event Room 1 + 2, LG/F

Moderators: *Marianne LUI, Wanda LEE*

10:50-11:05	A pioneer public hospital of robotic surgery in Hong Kong <i>Ching Han LEUNG</i>
11:05-11:20	A pioneer private hospital of robotic surgery in Hong Kong <i>Erica WY WONG</i>

SCIENTIFIC PROGRAMME

11:20-11:35	Keeping pace with robotic technology: early nursing experience on Xi single-site surgery <i>Anita YEUNG</i>
11:35-11:50	Skills for success in robotic surgery: what every new nurse needs <i>Grace CHAN</i>

Industry

Time: 11:50-12:35 Venue: Event Room 1 + 2, LG/F Moderators: <i>Seon Hahn KIM, Jiqi YAN</i>	
11:50-12:05	Latest innovations in da Vinci surgery <i>Michelle PAKNAD (Intuitive Surgical Inc.)</i>
12:05-12:20	Surgical Operation - Information Rich <i>Yuki TOMIMURO (Olympus Medical)</i>
12:20-12:35	Elements of digital surgery J&J is working on / investing in <i>Bill GAWKINS (Johnson & Johnson)</i>

Upper GI Surgery 2

Time: 13:45-15:15 Venue: Grand Ballroom, 2/F Moderators: <i>Kent Man CHU, Yang Hee WOO, Yan Bing ZHOU</i>	
13:45-14:00	Robotic gastrectomy for gastric cancer - current status east vs. west <i>Yang Hee WOO</i>
14:00-14:15	Safe and efficient dissection of type III paraesophageal hernia using “phrenoesophageal ligament” as a landmark <i>Anusak YIENGPRUKSAWAN</i>
14:15-14:30	Robotic large hiatal hernia surgery: the impossible becomes possible <i>Konstantinos KONSTANTINIDIS</i>
14:30-14:45	Complications in robotic gastrectomy: are they different? <i>Han Kwang YANG</i>
14:45-15:00	Technological advances in robotic endoscopy <i>Philip WY CHIU</i>
15:00-15:15	Free Paper Presentation (please refer to P.23)

Endocrine Surgery/Head & Neck Surgery 2

Time: 13:45-15:15 Venue: Chairman's Place, M/F Moderators: <i>CY CHOI, Wai Keung CHICK, David KK TSUI</i>	
13:45-14:00	Update on endoscopic thyroidectomy <i>Suthep UDOMSAWAENGSP</i>
14:00-14:15	The current status of robotic thyroidectomy in USA <i>Emad KANDIL</i>
14:15-14:30	Robotic trans-axillary thyroidectomy: seven years of experience in a high volume center <i>Micaela PICCOLI</i>
14:30-14:45	Advances in robotic BABA approach <i>Kyung Ho KANG</i>
14:45-15:00	Augmented reality in endoscopic endocrine surgery <i>Hung Sheng WU</i>
15:00-15:15	Transoral endoscopic thyroidectomy: a novel approach to the thyroid gland <i>Brian HH LANG</i>

SCIENTIFIC PROGRAMME

Complex Cases

Time: 13:45-15:15

Venue: Garden Room A + B, 2/F

Moderators: *Abbas ABBAS, Evgeny SOLOMONOV, Ivo TZVETANOV*

13:45-14:00	Robotic surgery for difficult biliary stones <i>Daniel TM CHUNG</i>
14:00-14:15	Complex robotic surgeries in urology: current trends, future directions <i>Chi Wai FAN</i>
14:15-14:30	Robotic revisional bariatric surgery <i>Erik WILSON</i>
14:30-14:45	Stepwise improvement of surgical quality in robotic LPND: lessons from 100 consecutive patients with locally advanced rectal cancer <i>Hye Jin KIM</i>
14:45-15:15	Free Paper Presentation (<i>please refer to P.23</i>)

Oncology

Time: 13:45-15:15

Venue: Garden Room D, 2/F

Moderators: *Jin Tung LIANG, Atsushi SUGIOKA, Raymond KY TSANG*

13:45-14:00	Should we use laparoscopic approach for Ca gallbladder? <i>Eric CH LAI</i>
14:00-14:15	Oncological and surgical outcomes of HCC after robotic hepatectomy: a comparison study <i>King Teh LEE</i>
14:15-14:30	Hereditary colorectal cancer: current understanding & management <i>Jin Cheon KIM</i>
14:30-14:45	Robotic radical cholecystectomy for Ca gallbladder <i>Chinnusamy PALANIVELU</i>
14:45-15:00	Comparison between robotic and laparoscopic gastrectomy for cancer: long-term outcomes <i>Woo Jin HYUNG</i>
14:45-15:15	Robotic treatment of gastric GIST <i>Graziano PERNAZZA</i>

Training & Credentialing

Time: 13:45-15:15

Venue: Event Room 1 + 2, LG/F

Moderators: *Adrian CHIOW, Antonio GANGEMI, Wagner MARCONDES*

13:45-14:00	Learning curve for robotic liver surgery <i>Yao Ming WU</i>
14:00-14:15	Ideal training cases for robotic surgery in a residency program <i>Rana PULLATT</i>
14:15-14:30	Place of simulation to learn robotic surgery: the Nancy curriculum <i>Laurent BRESLER</i>
14:30-14:45	How to teach young surgeons to do robotic thyroidectomy? <i>Woong Youn CHUNG</i>
14:45-15:00	Virtual reality simulation as aptitude test for surgery <i>Andrea MOGLIA</i>

SCIENTIFIC PROGRAMME

Master Video 1

Time: 15:35-17:20

Venue: Grand Ballroom, 2/F

Moderators: *Philip WY CHIU, William MENG, Ichiro UYAMA*

15:35-15:50	Robotic gastrectomy: how I do it <i>Han Kwang YANG</i>
15:50-16:05	Laparoscopic anatomic liver resection <i>Ho Seong HAN</i>
16:05-16:20	Robotic advanced anatomical liver resection based on Laennec's capsule <i>Atsushi SUGIOKA</i>
16:20-16:35	Robotic approach to difficult hepatic segments <i>Andrea CORATTI</i>
16:35-16:50	Robotic trans-gastric pancreatic debridement <i>John MARTINIE</i>
16:50-17:05	Intraoperative bleeding during gastrectomy <i>Yang Hee WOO</i>
17:05-17:20	Total mesorectal excision - laparoscopy vs. robot <i>Po Li WEI</i>

Endocrine Surgery/Head & Neck Surgery 3

Time: 15:35-17:20

Venue: Chairman's Place, M/F

Moderators: *Kyung Ho KANG, Brian HH LANG, Steven CY LAW*

15:35-16:05	Debate: Is robotic thyroidectomy better than endoscopic thyroidectomy? <i>Steven CY LAW, Suthep UDOMSAWAENG SUP</i>
16:05-16:20	What is the current status of robotic trans-axillary thyroidectomy: how does it compete with the transoral technique? <i>Woong Youn CHUNG</i>
16:20-16:35	Thermal ablation of benign thyroid nodules <i>Brian HH LANG</i>
16:35-16:50	Intraoperative neuromonitoring (IONM) in robotic thyroidectomy <i>Dawon PARK</i>
16:50-17:05	BABA robotic modified radical neck dissection in thyroid cancer <i>Kyung Ho KANG</i>
17:05-17:20	Report on robotic thyroidectomy for over 400 cases: a single center experience <i>Jiqi YAN</i>

Colorectal Surgery 1

Time: 15:35-17:20

Venue: Garden Room A + B, 2/F

Moderators: *Paolo Pietro BIANCHI, Jin Tung LIANG, Simon SM NG*

15:35-17:50	Use of dv Stapler45 in robotic colorectal surgery <i>Seon Hahn KIM</i>
15:50-16:05	Technical tips for robotic intra-fascial TME <i>Gyu Seog CHOI</i>
16:05-16:20	Surgical outcomes of robotic transabdominal top-down intersphincteric resection with double-stapling coloanal anastomosis for distal rectal cancer <i>Jin Tung LIANG</i>
16:20-16:35	Robotic approach to right and left flexure colon cancer <i>Paolo Pietro BIANCHI</i>
16:35-16:50	Robotic TME vs. transanal TME <i>Simon SM NG</i>
16:50-17:05	Lessons learned from 1300 robotic colorectal resections <i>Byung Soh MIN</i>
17:05-17:20	Free Paper Presentation (please refer to P.24)

SCIENTIFIC PROGRAMME

6 October

Keynote Lectures 2

Time: 08:45-10:00

Venue: Grand Ballroom, 2/F

Moderators: *Woong Youn CHUNG, Ho Seong HAN, Ranjan SUDAN*

08:45-09:10 **My 20-year journey of robotic surgery**
Pier Cristoforo GIULIANOTTI

09:10-09:35 **How to deal with lateral pelvic nodes in advanced rectal cancer**
Gyu Seog CHOI

09:35-10:00 **Robotic HPB surgery: the road less travelled**
Chung Ngai TANG

Survey on robotic surgery training

Time: 10:00-10:30

Venue: Grand Ballroom, 2/F

Speakers: *Andrea MOGLIA, Antonio GANGEMI*

Colorectal Surgery 2

Time: 10:50-12:35

Venue: Grand Ballroom, 2/F

Moderators: *Seon Hahn KIM, Bao Qing JIA, Wai Hong CHAN*

10:50-11:05 **Preliminary results of COLRAR trial**
Gyu Seog CHOI

11:05-11:20 **New transanal robot with early results: Medrobotics Flex Robot**
Vincent OBIAS

11:20-11:35 **Evolution of rectal cancer surgery**
Po Li WEI

11:35-11:50 **Robotic TAMIS for rectal lesions**
Li Jen KUO

11:50-12:05 **Suprapubic right hemicolectomy**
Byung Soh MIN

12:05-12:20 **Robotic pelvic multivisceral resections for T4b rectal cancer**
Seon Hahn KIM

12:20-12:35 **Free Paper Presentation** (*please refer to P.26*)

HPB Surgery 2 (5th International Symposium for HPB Surgery)

Time: 10:50-12:35

Venue: Chairman's Place, M/F

Moderators: *Kuo Hsin CHEN, Rong LIU, Xiao Ying WANG*

10:50-11:05 **Robotic surgery in the treatment of chronic pancreatitis**
Eduardo FERNANDES

11:05-11:20 **Prognostic factor in HBP malignancy**
Ho Seong HAN

11:20-11:35 **Robotic assisted surgery for benign hepatobiliary diseases**
Kakiashvili ELI

11:35-11:50 **Robotic surgery for biliary strictures and injuries**
John MARTINIE

11:50-12:05 **Hybrid laparoscopic/robotic resection of perihilar cholangiocarcinoma**
Kuo Hsin CHEN

SCIENTIFIC PROGRAMME

12:05-12:20	Robot-assisted single port and single port plus one pancreaticoduodenectomy <i>Cheng Ming PENG</i>
12:20-12:35	Rare case of peripheral cholangiocarcinoma required ALPPS and further robotic surgery for metastatic cholangiocarcinoma in caudate lobe - the time for multidisciplinary approach <i>Evgeny SOLOMONOV</i>

Challenging Cases / Transplantation

Time: 10:50-12:35

Venue: Garden Room A + B, 2/F

Moderators: *Enrico BENEDETTI, Simon HOU, Wen Bin LI*

10:50-11:05	Robotic kidney and kidney/pancreas transplantation at the University of Illinois at Chicago <i>Ivo TZVETANOV</i>
11:05-11:20	Hand-assisted robotic donor nephrectomy <i>Enrico BENEDETTI</i>
11:20-11:35	Robotic living donor hepatectomy <i>Gi Hong CHOI</i>
11:35-11:50	Robot assisted laparoscopic gastro/ileocystoplasty for ketamine cystitis <i>Simon HOU</i>
11:50-12:05	Difficult cases and complications in digestive and endocrine surgery <i>Michel VIX</i>
12:05-12:35	Free Paper Presentation (<i>please refer to P.26</i>)

Cardio-Thoracic Surgery

Time: 10:50-12:35

Venue: Garden Room D, 2/F

Moderators: *Hecheng LI, Jens RUECKERT, Alan SIHOE*

10:50-11:05	Optimizing operating room efficiencies during robot assisted thoracic surgery <i>Mark DYLEWSKI</i>
11:05-11:20	The use of near infrared autofluorescence in robotic lung surgery <i>Abbas ABBAS</i>
11:20-11:35	Refinements of robotic thymectomy - report from 750 cases <i>Jens RUECKERT</i>
11:35-11:50	The comparison of RATS and VATS in the treatment of lung cancer <i>Hecheng LI</i>
11:50-12:05	Robotic segmentectomy and use of indocyanine green fluorescence <i>Giulia VERONESI</i>
12:05-12:20	Why I do NOT use the robot in thoracic surgery <i>Alan SIHOE</i>
12:20-12:35	Free Paper Presentation (<i>please refer to P.26</i>)

Innovation

Time: 10:50-12:35

Venue: Event Room 1 + 2, LG/F

Moderators: *Mehran ANVARI, Adrian CHIOW, Bernard DALLEMAGNE*

10:50-11:05	Lymphatic mapping with indocyanine green fluorescence <i>Giuseppe SPINOGLIO</i>
11:05-11:20	The advances of robotic surgery in flexible endoscopy <i>Bernard DALLEMAGNE</i>

SCIENTIFIC PROGRAMME

11:20-11:35	Early experience with Firefly ICG immunofluorescence for HPB surgery with da Vinci Xi <i>Adrian CHIOW</i>
11:35-11:50	The applied mechanical simulator: an effective tool to learn the robotic approach of rectal cancer <i>Laurent BRESLER</i>
11:50-12:05	Telesurgery: what are the clinical applications and lessons learnt <i>Mehran ANVARI</i>
12:05-12:20	What is the future of robotic surgery? <i>Garth BALLANTYNE</i>
12:20-12:35	Ethical consideration of future medical technology <i>Young Woo KIM</i>

Colorectal Surgery 3

Time: 13:35-15:20

Venue: Grand Ballroom, 2/F

Moderators: *Alex LH LEUNG, Byung Soh MIN, Po Li WEI*

13:35-13:50	Completeness of mesorectal fascia: tips and tricks in rectal resection <i>Graziano PERNAZZA</i>
13:50-14:05	The application of da Vinci SP in colorectal surgery <i>Tony WC MAK</i>
14:05-14:20	Anorectal complications after inter-sphincteric resection for rectal cancer <i>Li Jen KUO</i>
14:20-14:35	Robot-assisted abdominoperineal resection <i>Jin Cheon KIM</i>
14:35-14:50	Robotic anterior resection of rectal cancer without abdominal incision: trans-anal rectal eversion and resection <i>Jianmin XU</i>
14:50-15:05	The application of the da Vinci robot in selective preserving left colic artery radical proctectomy with transanal specimen extraction for rectal cancer <i>Hong Liang YAO</i>
15:05-15:20	Robotic vs. laparoscopic total mesorectal excision: our ten-year experience <i>Alex LH LEUNG</i>

HPB Surgery 3 (5th International Symposium for HPB Surgery)

Time: 13:35-15:20

Venue: Chairman's Place, M/F

Moderators: *Kakiashvili ELI, John MARTINIE, Emilio VICENTE*

13:35-13:50	Artery first approach in robotic pancreato-duodenectomy for pancreatic cancer <i>Chinnusamy PALANIVELU</i>
13:50-14:05	The single center experience of 320 cases of robotic pancreato-duodenectomy <i>Rong LIU</i>
14:05-14:20	Cost-effectiveness study of laparoscopic vs. robotic distal pancreatectomy <i>Emilio VICENTE</i>
14:20-14:35	The application of robotic surgical system in central pancreatectomy <i>Bai Yong SHEN</i>
14:35-14:50	Robotic distal pancreatectomy - current evidence <i>Kit Fai LEE</i>
14:50-15:05	Robotic and laparoscopic pancreatectomy <i>Brian GOH</i>
15:05-15:20	The present status and future of robotic surgery in China <i>Cheng Hong PENG</i>

SCIENTIFIC PROGRAMME

Single Site Surgery

Time: 13:35-15:20

Venue: Garden Room A + B, 2/F

Moderators: *Andrea CORATTI, Wen Bin LI, Xiao Ying WANG*

13:35-13:50	Single-site + 1 pancreatectomy <i>Chang Moo KANG</i>
13:50-14:05	Robotic hepatobiliary single incision combined multiport da Vinci instruments <i>Cheng Ming PENG</i>
14:05-14:20	The assessment of quality of life and surgical outcomes after single site robotic cholecystectomy: a comparison study <i>King Teh LEE</i>
14:20-14:35	Robotic single site surgery: our first 500 cases experience in Athens Medical Center <i>Konstantinos KONSTANTINIDIS</i>
14:35-14:50	Single incision colorectal surgery, current data and future robots <i>Vincent OBIAS</i>
14:50-15:05	Robotic single-incision mastectomy <i>Cheng Ming PENG</i>
15:05-15:20	Free Paper Presentation (<i>please refer to P.26</i>)

Bariatric Surgery

Time: 13:35-15:20

Venue: Garden Room D, 2/F

Moderators: *Vivek BINDAL, Jaydeep PALEP, Erik WILSON*

13:35-13:50	Bypass surgery in robotic bariatric surgery <i>Erik WILSON</i>
13:50-14:05	Conversion of failed laparoscopic gastric plication to robotic Roux-en-Y gastric bypass: a case report and review of the literature <i>Antonio GANGEMI</i>
14:05-14:20	Switch surgery in robotic bariatric surgery <i>Ranjan SUDAN</i>
14:20-14:35	Benefits of robotic bariatric surgery over conventional laparoscopy in complex bariatric surgeries <i>Jaydeep PALEP</i>
14:35-14:50	Applications and limitations of robotics currently in bariatric surgery <i>Rana PULLATT</i>
14:50-15:05	Robotic bariatric surgery for super obese <i>Vivek BINDAL</i>
15:05-15:20	Robotic sleeve gastrectomy <i>Michel VIX</i>

Colorectal Surgery 4

Time: 15:50-17:35

Venue: Grand Ballroom, 2/F

Moderators: *Bao Qing JIA, Li Jen KUO, Chi Wai LAU*

15:50-16:05	Technical differences between medial-to-lateral and bottom-to-up approach in robotic right colectomy <i>Giuseppe SPINOGLIO</i>
16:05-16:20	Robotic CME for right side colon cancer: Hong Kong experience <i>Chi Wai LAU</i>

SCIENTIFIC PROGRAMME

16:20-16:35	Robotic CME for right side colon cancer: Korean experience <i>Ki Beom BAE</i>
16:35-16:50	Cost-effectiveness study of laparoscopic vs. robotic surgery for rectal cancer <i>Yolanda QUIJANO</i>
16:50-16:05	Robotic colectomy: where are we? <i>Garth BALLANTYNE</i>
17:05-17:20	Robotic vs. laparoscopic gastrectomy for gastric cancer: comparisons of surgical approach and tumor prognosis <i>Bao Qing JIA</i>
17:20-17:35	Free Paper Presentation (<i>please refer to P.27</i>)

HPB Surgery 4 (5th International Symposium for HPB Surgery)

Time: 15:50-17:35

Venue: Chairman's Place, M/F

Moderators: *Brian GOH, Kit Fai LEE, Shen Nien WANG*

15:50-16:05	Iatrogenic biliary injury repair <i>Pier Cristoforo GIULIANOTTI</i>
16:05-16:20	Establishing a role for robotic hepatobiliary and pancreatic surgery within a laparoscopic HBP center <i>Brian GOH</i>
16:20-16:35	Robotic liver resection: our initial experiences <i>Wen Bin LI</i>
16:35-16:50	ALPPS by robotic approach <i>Xiao Ying WANG</i>
16:50-16:05	Selective pericardial devascularization - from open surgery to robotic surgery <i>Wen Bin LI</i>
17:05-17:20	Robotic vs. open pancreatoduodenectomy: a single center experience <i>Andrea CORATTI</i>
17:20-17:35	Current evidence of robotic biliary and reduced port surgery <i>Shen Nien WANG</i>

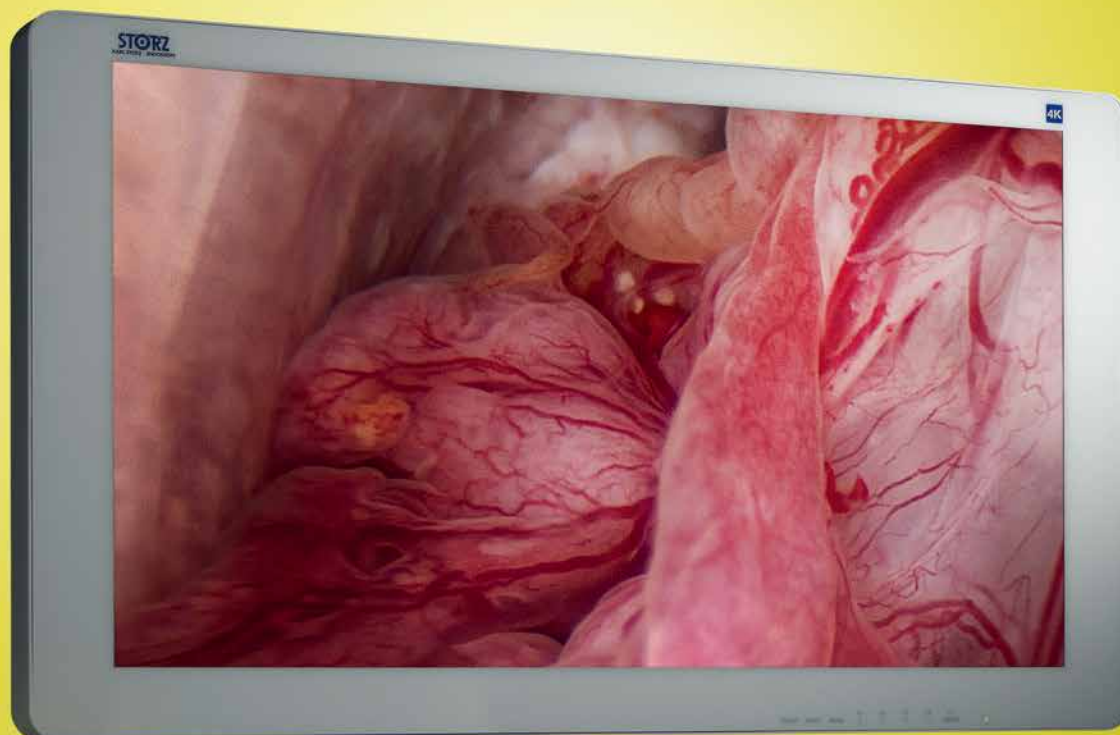
Master Video 2

Time: 15:50-17:35

Venue: Event Room 1 + 2, LG/F

Moderators: *Vivek BINDAL, Oliver CY CHAN, Vincent OBIAS*

15:50-16:05	Abdominal incision: trans-anal rectal eversion and resection <i>Jianmin XU</i>
16:05-16:20	Simultaneous resection of colorectal liver metastasis using da Vinci surgical system <i>Gi Hong CHOI</i>
16:20-16:35	Robotic resection of Klatskin's tumor <i>Oliver CY CHAN</i>
16:35-16:50	ICG guided anatomic liver resection <i>Gi Hong CHOI</i>
16:50-16:05	Robot assisted surgery for hilar cholangiocarcinoma <i>Cheng Hong PENG</i>
17:05-17:20	Robot assisted segmentectomy for lung cancer <i>Hecheng LI</i>
17:20-17:35	Robotic assisted ileal interposition <i>James CM LI</i>



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SCIENTIFIC PROGRAMME

Free Paper Presentation

Hernia Surgery

11:50-12:35, 5 October

Venue: Garden Room D, 2/F

Moderators: **Tony PP CHEUNG, Chi Wai FAN, Yusef KUDSI**

- 52 Robot assisted repair of lumbar hernia**
Rana Pullatt¹, Benjamin White², Shelby Allen¹
¹Medical University of South Carolina, Charleston, USA. ²Medical university of South Carolina, Charleston, USA
- 178 Robotic transabdominal pre-peritoneal repair of suprapubic incisional hernia**
Giampaolo Formisano, Sofia Esposito, Giuseppe Giuliani, Adelona Salaj, Lucia Salvischiani, Luca Felicioni, Paolo Pietro Bianchi
Misericordia Hospital, Grosseto, Italy
- 148 Robotic hernia repair with TAPP technique and internal ring primary closure**
Valentina Valle, Alberto Mangano, Raquel Gonzalez-Heredia, Gabriela Aguiluz, Roberto Bustos, Pier Cristoforo Giulianotti
Division of General, Minimally Invasive and Robotic Surgery, University of Illinois at Chicago, Chicago, IL, USA
- 54 Robot-assisted median arcuate ligament release**
Rana Pullatt, Doris Kim, Shelby Allen, Benjamin White
Medical University of South Carolina, Charleston, USA
- 155 Robotic-assisted repair of unrecognized left diaphragmatic hernia after 4 years of thoracic trauma**
Roberto Bustos, Valentina Valle, Gabriela Aguiluz, Alberto Mangano, Mario Masrur, Pier Cristoforo Giulianotti
UIC, Chicago, USA

Upper GI Surgery 2

15:00-15:15, 5 October

Venue: Ballroom, 2/F

Moderators: **Kent Man CHU, Yang Hee WOO, Yan Bing ZHOU**

- 129 Robot assisted upfront esophagectomy for clinical N0 esophageal cancer: pathologic results and stage change**
Bin Li, Zhigang Li
Department of Thoracic Surgery, Section of Esophageal Surgery, Shanghai Chest Hospital, Shanghai, China
- 138 Robotic subtotal gastrectomy with conservation of Hyrtl artery**
Antonio Taddei, Ilenia Bartolini, Maria Novella Ringressi, Matteo Risaliti, Chiara Elter, Paolo Bechi
University of Florence, Florence, Italy

Complex Cases

14:45-15:15, 5 October

Venue: Garden Room A + B, 2/F

Moderators: **Abbas ABBAS, Evgeny SOLOMONOV, Ivo TZVETANOV**

- 67 Robotic nasopharyngectomy via combined approach of nose and oral for local recurrent nasopharyngeal carcinoma**
Ping Han, Faya Liang, Renhui Chen, Shitong Yu, Xiaoming Huang
Sun Yat-sen Memorial Hospital, Sun Yat-sen University, Guangzhou, China
- 150 Robotic right adrenalectomy for giant retrocaval pheochromocytoma**
Alberto Mangano, Valentina Valle, Roberto Bustos, Gabriela Aguiluz, Raquel Gonzalez-Heredia, Sam Papatotiriou, PierCristoforo Giulianotti
Division of General, Minimally Invasive and Robotic Surgery, University of Illinois at Chicago, Chicago, IL, USA
- 166 Robotic hilar cholangiocarcinoma radical resection long-term case series report with short-term compare with laparotomy radical resection**
Sai Chou, Rong Liu, Zhengyao Chang, Xianglong Tan, Xuan Zhang, Dongda Song
The Department of Hepatopancreatobiliary Surgical Oncology, Beijing, China
- 47 Soave procedure for Hirschsprung's disease in the era of robotic surgery**
Shao-tao Tang¹, Li Yang^{1,2}
¹Department of Pediatric Surgery, Union Hospital, Tongji Medical College, Huazhong University of Science and Technology, Wuhan, China. ²Division of Gastroenterology, Hepatology and Nutrition, Cincinnati Children's Hospital Medical Center and the Department of Pediatrics Cincinnati, Ohio, USA

SCIENTIFIC PROGRAMME

Colorectal Surgery 1

17:05-17:20, 5 October

Venue: Garden Room A + B, 2/F

Moderators: *Paolo Pietro BIANCHI, Jin Tung LIANG, Simon SM NG*

151 Tips for robotic total mesorectal excision in patients post-chemoradiotherapy

James Ngu

Changi General Hospital, Singapore, Singapore

176 Robotic right colectomy with complete mesocolic excision and intracorporeal anastomosis: bottom-to-up suprapubic approach

Giampaolo Formisano, Sofia Esposito, Giuseppe Giuliani, Adelona Salaj, Lucia Salvischiani, Alfredo Genovese, Paolo Pietro Bianchi

Misericordia Hospital, Grosseto, Italy

Motion Picture (Oral) 1

15:35-17:20, 5 October

Venue: Garden Room D, 2/F

Moderators: *CY CHOI, Carmen CW CHU, Giuseppe SPINOGLIO*

100 Robot-assisted thoracoscopic esophagectomy for esophageal carcinoma with 215 cases

Jun Yi, Xiaolong Liu, Demin Li, Yi Shen, Lei Xiong

Jinling Hospital, Clinical Medicine School of Nanjing University, Nanjing, China

175 Robot total gastrectomy with intra-corporeal anastomosis for management of cancer

C.W. Carmen Chu, K.Y. Frances Cheung, C.N. Tang

Department of Surgery, Pamela Youde Nethersole Eastern Hospital, Hong Kong, China

122 Robotic enucleation and lymph-node sampling of a pancreatic neuroendocrine tumor: a video case report

Emilio Bertani¹, Wanda Luisa Petz¹, Alessandra Nella Piccioli¹, Giorgio Novelli², Giuseppe Spinoglio¹

¹European Institute of Oncology, Milan, Italy. ²University of Milan, Milan, Italy

123 Robotic right hemicolectomy for ileal neuroendocrine tumor: a video case report

Emilio Bertani¹, Wanda Luisa Petz¹, Alessandra Nella Piccioli¹, Giorgio Novelli², Giuseppe Spinoglio¹

¹European Institute of Oncology, Milan, Italy. ²University of Milan, Milan, Italy

170 The technique of radical en bloc lymph node dissection for hilar cholangiocarcinoma

Xianglong Tan, Rong Liu, Xuan Zhang, Dongda Song, Fei Wang

The Department of Hepatopancreatobiliary Surgical Oncology, Beijing, China

59 Robotic left hepatectomy and regional lymphadenectomy with da Vinci Xi for hepatocellular carcinoma

Luca Morelli^{1,2}, Niccolò Furbetta², Gianni Stefanini², Desirée Gianardi², Matteo Palmeri², Simone Guadagni², Gregorio Di Franco², Cristiano D'Isidoro², Andrea De Palma², Concetta Cacace², Matteo Bianchini², Giulio Di Candio², Franco Mosca¹

¹EndoCAS (Center for Computer Assisted Surgery), University of Pisa, Pisa, Italy. ²General Surgery, University of Pisa, Pisa, Italy

135 Robotic liver V-VI bi-segmentectomy for colorectal metastasis

Mario Anecchiarico, Claudia Paolini, Luca Moraldi, Paolo Checchacci, Marco Farsi, Federico Perna, Elena Gia, Andrea Coratti

Careggi University Hospital, Florence, Italy

60 Full-robotic abdominoperineal resection and simultaneous liver metastases enucleo-resection with the da Vinci Xi

Niccolò Furbetta¹, Gregorio Di Franco¹, Desirée Gianardi¹, Matteo Palmeri¹, Simone Guadagni¹, Gianni Stefanini¹, Jessica Bronzoni¹, Serena Musetti¹, Matteo Bianchini¹, Giulio Di Candio¹, Franco Mosca², Luca Morelli^{1,2}

¹General Surgery, University of Pisa, Pisa, Italy. ²EndoCAS (Center for Computer Assisted Surgery), University of Pisa, Pisa, Italy

113 Robot assisted spleen preserving distal pancreatectomy for intraductal papillary mucinous neoplasm (IPMN): a lateral to medial approach

Alberto Jose Albano¹, Chung Ngai Tang², Eric Lai², Oliver Chan², Daniel Chung²

¹Asian Hospital and Medical Center, Metro Manila, Philippines. ²Pamela Youde Nethersole Eastern Hospital, Hong Kong SAR, China

77 Robotic total pancreatectomy in a 78 years old female patient with diffuse IPMN with worrisome features

Antonio Luiz Vasconcellos Macedo, Luis Alfredo Bertocco, Gabriel Maccapani, Marina Epstein

Albert Einstein Hospital, Sao Paulo, Brazil

SCIENTIFIC PROGRAMME

- 165 Robot-assisted laparoscopic Whipple operation for pancreatic head mass in a patient with chronic pancreatitis**
Yee Han Shum, Eric CH Lai, Daniel TM Chung, Oliver CY Chan, Grace YL Liu, Chung Ngai Tang
Pamela Youde Nethersole Eastern Hospital, Hong Kong, China
- 58 Robotic pancreato-duodenectomy with the use of the new Endo-Wrist vessel sealer extend and the da Vinci table motion for Xi**
Luca Morelli^{1,2}, Niccolò Furbetta¹, Desirée Gianardi¹, Matteo Palmeri¹, Simone Guadagni¹, Gregorio Di Franco¹, Gianni Stefanini¹, Matteo Bianchini¹, Caterina Corsini¹, Rebecca Aglietti¹, Giulio Di Candio¹, Franco Mosca²
¹General Surgery, University of Pisa, Pisa, Italy. ²EndoCAS (Center for Computer Assisted Surgery), University of Pisa, Pisa, Italy
- 137 Robotic excision of a right para aortic ganglioneuroma**
Ilenia Bartolini, Maria Novella Ringressi, Filippo Melli, Paolo Bechi, Antonio Taddei
University of Florence, Florence, Italy

Free Paper (Oral) 1

15:35-17:20, 5 October

Venue: Event Room 1 + 2, LG/F

Moderators: Jens RUECKERT, Hurng Sheng WU, Tsung Lin YANG

- 35 A prospective randomized controlled trial of robotic assisted laparoscopic surgery for endometrial cancer**
Jiangtao Fan
The First Affiliated Hospital of Guangxi Medical University, Nanning, China
- 139 Robot-assisted esophagogastric reconstruction in minimally invasive Ivor Lewis esophagectomy**
Yun Wang, Zihao Wang, Hanlu Zhang, Fuqiang Wang, Longqi Chen
West China Hospital, Chengdu, China
- 147 Delta-shaped gastroduodenostomy using robotic stapler in reduced-port totally robotic gastrectomy: comparison with gastroduodenostomy with endolinear staplers**
Taeil Son, Seohee Choi, Won Jun Seo, Chul Kyu Roh, Minah Cho, Hyoung-II Kim, Woo Jin Hyung
Yonsei University College of Medicine, Seoul, Republic of Korea
- 146 Effectiveness of ICG distribution area on tumor localization in minimally invasive gastrectomy using NIR fluorescence**
Minah Cho^{1,2}, Taeil Son^{1,2,3}, Hyoung-II Kim^{1,2,3}, Sung Hoon Noh^{1,2}, Woo Jin Hyung^{1,2,3}
¹Gastric Cancer Center, Yonsei Cancer Center, Yonsei University Health System, Seoul, Republic of Korea. ²Yonsei University College of Medicine, Seoul, Republic of Korea. ³Robot and Minimally Invasive Surgery Center, Severance Hospital, Seoul, Republic of Korea
- 140 Intra-corporeal esophagojejunostomy during reduced-port totally robotic gastrectomy for proximal gastric cancer**
Seohee Choi^{1,2}, Taeil Son^{1,2}, Won Jun Seo^{1,2}, Chul Kyu Roh^{1,2}, Minah Cho^{1,2}, Hyoung-II Kim^{1,2}, Woo Jin Hyung^{1,2}
¹Yonsei Cancer Center, Seoul, Republic of Korea. ²Yonsei University College of Medicine, Seoul, Republic of Korea
- 115 Preliminary experience of robotic surgery for pediatric choledochal cyst compared with open and laparoscopic procedures**
Bo Xiang, KeWei Li, YiDong Huang, ShuGuang Jin
Department of Pediatric Surgery, West China Hospital, Sichuan University, Chengdu, China
- 156 First report of robot-assisted cholecystectomy with intraoperative diagnosis of true sinistroposition of the gallbladder**
Antonio Gangemi, Roberto Bustos, Pier Cristoforo Giulianotti
UIC, Chicago, USA
- 93 Robotic-assisted pancreatic surgery: a single center experience**
Xiao-Yu Yin, Liu-Hua Chen, Wei Chen, Jia-Ming Lai, Jian-Peng Cai, Xi-Tai Huang
Department of Pancreato-biliary Surgery, First Affiliated Hospital, Sun Yat-Sen University, Guangzhou, China
- 117 Robotic assisted laparoscopic pancreatoco-duodenectomy: Ruijin experience**
Cheng Hong Peng
Shanghai Ruijin Hospital, Shanghai, China
- 164 The value of dynamic intraoperative ultrasonography in robotic pancreatic tumor enucleation**
Wenbo Tang, Rong Liu, Zhiming Zhao, Yuanxing Gao, Yong Xu, Guodong Zhao
The Department of Hepatopancreatobiliary Surgical Oncology, Beijing, China
- 63 Robotic anatomical segmentectomy: an analysis of the learning curve**
Hecheng Li
Shanghai Ruijin Hospital, Shanghai, China

SCIENTIFIC PROGRAMME

- 11** **Robotic lateral cervical lymph node dissection via bilateral axillo-breast approach for papillary thyroid carcinoma**
Qingqing He, Jian Zhu, Dayong Zhuang, Ziyi Fan, Meng Wang
Department of Thyroid and Breast Surgery, Jinan Military General Hospital of PLA, Jinan, China
- 149** **Robotics confers an advantage in the preservation of urogenital function after rectal surgery**
James Ngu
Changi General Hospital, Singapore, Singapore

Colorectal Surgery 2

12:20-12:35, 6 October

Venue: Ballroom, 2/F

Moderators: **Seon Hahn KIM, Bao Qing JIA, Wai Hong CHAN**

- 153** **Synchronous right colon and rectal cancers treated by right robotic colectomy and robotic rectal anterior resection with total mesorectal excision**
Alberto Mangano, Valentina Valle, Roberto Bustos, Eduardo Fernandes, Gabriela Aguiluz, Federico Gheza, Luis Gonzalez-Cicarelli, PierCristoforo Giulianotti
Division of General, Minimally Invasive and Robotic Surgery, University of Illinois at Chicago, Chicago, IL, USA
- 101** **Effect of left colic artery preservation on anastomotic leakage and short-term survival in robotic rectal cancer surgery**
Jingwen Chen, Ye Wei, Wenju Chang, Qingyang Feng, Guodong He, Dexiang Zhu, Qi Lin, Tuo Yi, Jun Li, Jianmin Xu
Department of General Surgery, Zhongshan Hospital, Fudan University, Shanghai, China

Challenging Cases / Transplantation

12:05-12:35, 6 October

Venue: Garden Room A + B, 2/F

Moderators: **Enrico BENEDETTI, Simon HOU, Wen Bin LI**

- 53** **Robotic conversion of sleeve gastrectomy to Roux-en-Y gastric bypass as an effective treatment for intractable gastroesophageal reflux**
Rana Pullatt, Denise Garcia, Benjamin White
Medical University of South Carolina, Charleston, USA
- 124** **Robotic total gastrectomy after robotic wedge resection of the upper third of the stomach for EGC: a totally minimally invasive option for the patient**
Francesca Bazzocchi, Andrea Avanzolini, Barbara Perenze
G.B.Morgagni Hospital, Forli, Italy

Cardio-Thoracic Surgery

12:20-12:35, 6 October

Venue: Garden Room D, 2/F

Moderators: **Hecheng LI, Jens RUECKERT, Alan SIHOE**

- 132** **Early safety and effectiveness of robotic assistant mitral valve surgery: a propensity score matching study**
Lili Xu¹, Bin You²
¹Cardiac Surgery, Beijing Anzhen Hospital, Beijing, China. ²Minimal Invasive for Cardiac surgery, Beijing Anzhen Hospital, Beijing, China
- 81** **Review of 1000 cases H-RATS for lung cancer from Shanghai Chest Hospital, China**
Qing Quan LUO
Shanghai Chest Hospital, Shanghai, China

Single Site Surgery

15:05-15:20, 6 October

Venue: Garden Room A + B, 2/F

Moderators: **Andrea CORATTI, Wen Bin LI, Xiao Ying WANG**

- 79** **Robotic single-site anterior resection for carcinoma of sigmoid colon**
Wai Hong Chan, Alex Lik Hang Leung, Chi Wai Lau, Chung Ngai Tang
Pamela Youde Nethersole Eastern Hospital, Hong Kong, China

SCIENTIFIC PROGRAMME

Free Paper (Oral) 2

13:35-15:35, 6 October

Venue: Event Room 1 + 2, LG/F

Moderators: *Frances KY CHEUNG, Mark DYLEWSKI, Giulia VERONESI*

- 9** **What's the future? Robotic assistant thoracotomy or video assistant thoracotomy? An evaluation from new aspects**
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¹No.1 Affiliated Hospital Of Zhejiang University, Hangzhou, China. ²No.2 Affiliated Hospital Of Zhejiang University, Hangzhou, China
- 106** **Clinical experience of single-center robot assisted minimally invasive coronary artery bypass grafting**
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The Affiliated Drum Tower Hospital of Nanjing University Medical School, Nanjing, China
- 142** **Voice change in robotic vs. open thyroidectomy - preliminary results**
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¹Chung-Ang University Hospital, Seoul, Republic of Korea. ²Seoul National University Hospital and College of Medicine, Seoul, Republic of Korea
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- 86** **The feasibility of robotic left-side hepatectomy with comparison of laparoscopic and open approach: consecutive series of single surgeon**
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- 14** **Comparison of short-term outcomes between Robotic-assisted and laparoscopic surgery in colorectal cancer**
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¹Gansu Provincial Hospital, Lanzhou, China. ²Gansu University of Traditional Chinese Medicine, Lanzhou, China
- 119** **Robotic pancreaticoduodenectomy with vessel variations**
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Shanghai Ruijin Hospital, Shanghai, China
- 94** **Preliminary experiences of robotic thyroidectomy using unilateral axilla-bilateral areola approach: report of 500 cases**
Linjun Fan¹, Haoxi Liu¹, Junze Du¹, Pengfei Liu²
¹Department of Breast and Thyroid, Southwest Hospital, Chongqing, China. ²Breast Surgery, Zhuzhou People's Hospital, Zhuzhou, China
- 65** **The comparison of portal robotic lobectomy and uniportal video-assisted thoracoscopic lobectomy in the treatment of non-small cell lung cancer**
Hecheng Li
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- 89** **Robotic transperitoneal adrenalectomy: illustration of the use of robotics in adrenalectomy with an adjacent large renal cyst**
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Pamela Youde Nethersole Eastern Hospital, Hong Kong, China

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- 171** **da Vinci assisted low anterior resection**
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The 1st Affiliated Hospital of Nanjing Medical University, Nanjing, China

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Zhongshan Hospital, Fudan University, Shanghai, China

Best Motion Picture (Oral)

15:50-17:35, 6 October

Venue: Garden Room D, 2/F

Moderators: *Eric SK LI, Jaydeep PALEP, Bai Yong SHEN*

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¹Albert Einstein Hospital, Sao Paulo, Brazil. ²Albert Einstein Hospital, Sao Paulo, Brazil

95 Robotic enucleation of esophageal gastrointestinal stromal tumors (GIST)

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¹Asian Hospital and Medical Center, Metro Manila, Philippines. ²Pamela Youde Nethersole Eastern Hospital, Hong Kong SAR, China

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PLA General Hospital, Beijing, China

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¹General Surgery, University of Pisa, Pisa, Italy. ²EndoCAS (Center for Computer Assisted Surgery), University of Pisa, Pisa, Italy

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Yuhhsien Chen
Chang Gung Memorial Hospital, Keelung Branch, Keelung, Taiwan

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Best Free Paper (Oral)

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Moderators: *Skyi YC PANG, Frances KY CHEUNG, Hong Liang YAO*

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P-02	13	Meta-analysis of adjustable gastric banding versus sleeve gastrectomy for obesity Laiyuan Li ¹ , Yinyin Guo ² , Yanxin Luo ³ ¹ Gansu Province People's Hospital, Lanzhou, China. ² Lanzhou University Second Hospital, Lanzhou, China. ³ Sixth Affiliated Hospital of Sun Yat-sen University, Guangzhou, China
P-03	15	Safety and short-term outcomes of robotic vs laparoscopic surgery for rectal cancer: a cohort study Xiongfei Yang Department of colorectal surgery, Gansu Provincial Hospital, Lanzhou, China. The Second Department of Hepatobiliary surgery, Chinese PLA General Hospital, Beijing, China. Department of Clinical Medicine, Gansu University of Traditional Chinese Medicine, Lanzhou, China. Evidence-Based Medicine Center, School of Basic Medical Sciences, Lanzhou University, Lanzhou, China. Institution of Clinical Research and Evidence Based Medicine, Gansu Provincial Hospital, Lanzhou, China
P-04	16	The physical and mental conditions of chief surgeons in robotic-assisted surgery: a pilot study Zhenyu Zhou, Chong Zhang, Zhehao He, Zhitian Wang, Luming Wang, Jinlin Cao, Wang Lv, Jian Hu Department of Thoracic Surgery, the First Affiliated Hospital, College of Medicine, Zhejiang University, Hangzhou, China
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P-08	62	Initial experience of robot-assisted Ivor Lewis esophagectomy with two different anastomotic techniques: 70 consecutive cases from a single Chinese institution Hecheng Li Shanghai Ruijin Hospital, Shanghai, China
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P-11	71	Da Vinci robotic surgical system in manual suture for Billroth I Reconstruction after distal gastrectomy of gastric cancer: 4 cases report Han Liang Tianjin Cancer Hospital, Tianjin, China

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P-13	76	Robotic surgery for mid-low rectal cancer: neoadjuvant chemoradiotherapy versus surgery alone Yijiao Chen <i>Zhongshan Hospital, Shanghai, China</i>
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P-16	97	Case report of trans-oral robotic parathyroidectomy vestibular approach for primary hyperparathyroidism Yuhsien Chen <i>Chang Gung Memorial Hospital, Keelung Branch, Keelung, Taiwan</i>
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P-20	120	The difficulties of robotic assisted pancreatic surgery, Ruijin Experience Chenghong Peng <i>Shanghai Ruijin Hospital, Shanghai, China</i>
P-21	125	Robotic distal pancreatectomy for pancreatic neuroendocrine tumor: a video case report. Emilio Bertani ¹ , Wanda Luisa Petz ¹ , Alessandra Nella Piccioli ¹ , Giorgio Novelli ² , Giuseppe Spinoglio ¹ ¹ European Institute of Oncology, Milan, Italy. ² University of Milan, Milan, Italy
P-22	145	Comparison study of initial robotic thyroidectomies via bilateral axillo-breast approach and transoral approach Won Seo Park ¹ , Sun Young Min ¹ , Hoon Yub Kim ² , Min Hyuk Lee ¹ ¹ Departments of Surgery, Kyung Hee University School of Medicine, Seoul, Korea, Republic of. ² Departments of Surgery, Korea University School of Medicine, Seoul, Republic of Korea
P-23	154	Indocyanine green allows for seamless in vivo sentinel lymph node identification during robotic colorectal cancer surgery James Ngu <i>Changi General Hospital, Singapore</i>
P-24	158	Gastric perfusion evaluation in robotic revisional surgery: case series with follow-up inspection James Hamilton ^{1,2} , Hernan Herrera ^{1,2} , Camila Onetto ^{1,2} , Ignacio Gonzalez ^{1,2} ¹ Clinica Meds, Santiago, Chile. ² Universidad de Los Andes, Santiago, Chile

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P-26	160	Gastroeyunal anastomosis: marginal ulcers. Comparative between robotic-assisted hand-sewn and laparoscopic linear-stapled anastomosis Hernan Herrera ^{1,2} , James Hamilton ^{1,2} , Camila Onetto ^{1,2} , Ignacio Gonzalez ^{1,2} <i>¹Clinica Meds, Santiago, Chile. ²Universidad de Los Andes, Santiago, Chile</i>
P-27	161	Robotic bariatric surgery and patient satisfaction Camila Onetto ^{1,2} , Hernan Herrera ^{1,2} , James Hamilton ^{1,2} , Ignacio Gonzalez ^{1,2} <i>¹Clinica Meds, Santiago, Chile. ²Universidad de Los Andes, Santiago, Chile</i>
P-28	163	Appraisal of transverse mesocolon L foramen approach for robotic pancreaticoduodenectomy Zhuzeng Yin, Rong Liu, Zhiming Zhao, Yuanxing Gao, Guodong Zhao <i>The Department of Hepatopancreatobiliary Surgical Oncology, Beijing, China</i>
P-29	167	Robotic hepatectomy experience in application of indocyanine green staining for liver lesion Chenggang Li, Rong Liu, Minggen Hu, Zhipeng Zhou, Gang Wang <i>The Department of Hepatopancreatobiliary Surgical Oncology, Beijing, China</i>
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P-34	179	More than four hundred cases of robotic thyroidectomy from a single center's experience Jiqi YAN, Hanxing SUN, Haoji GAO, Xiayang YING, Haiyan HUANG, Tian LV, Xi CHEN, Qinyu LI, Weihua QIU <i>Shanghai Jiaotong University School of Medicine, Shanghai, China</i>

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