



Duke Surgery

Duke University School of Medicine

2019
NORTH CAROLINA, USA

11

CRSA WORLDWIDE CONGRESS
DURHAM, NC, USA
NOVEMBER 1-2

FURTHER INFORMATION ON:
WWW.CLINICALROBOTICS.COM

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INVITATION LETTER



Dear Friends,

It is my great pleasure to invite you to join the 11th worldwide meeting of Clinical Robotic Surgery Association (CRSA) that will be held on Nov 1-2, 2019 in Durham, NC, USA.

The meeting is being hosted by the Department of Surgery, Duke University Medical Center in conjunction with CRSA and promises to bring national and international experts in the field of robotics to share their experiences in multiple surgical disciplines.

We hope to add scientists and engineers to this meeting so we may advance the field together.

Durham, known as the City of Medicine, has excellent medical facilities and a wonderful University. It is easy to get to from Europe, Asia, and also Latin America and the Caribbean. through nonstop flights.

The domestic connections are also excellent from all major cities in the United States. The venue for the meeting will be the Washington Duke Inn and Gold Club, which is exceptionally charming, has excellent golf facilities and is located on campus. The weather in early November will be relatively mild and being outdoors will be very enjoyable. Durham is also a very foodie place with many wonderful restaurants. So come and enjoy our Southern Hospitality, meet experts to network and learn from, and share your knowledge.

We welcome you to Durham and look forward to seeing you soon.

Yours Sincerely,
Ranjan Sudan, MD
President CRSA

SCIENTIFIC ORGANIZING COMMITTEE

MAIN ORGANIZERS

Ranjan Sudan
President
Durham, USA
Specialty Interest: Bariatric

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Treasurer
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Specialty Interest: Endocrine

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Specialty Interest: Surgical Innovations

REGISTRATION

The Congress provides healthcare professionals with an invaluable opportunity to learn the latest advances and state-of-the-art technologies in robotic general surgery.

Before registering as a non-member, consider joining the CRSA.

Registration cost remains the same as a non-member, yet you will be able to join and access more than 2,500 video cases and presentations currently available in our online library to CRSA members.

[Apply to become a CRSA member](#)

Categories	Early-Bird Rate On/or before September 1, 2019		Regular Rate After September 1, 2019	
	Member	Non-member	Member	Non-member
MDs	US\$700	US\$950	US\$800	US\$1,050
Residents, Fellows, Medical Students, Allied Health Professionals	US\$75	US\$100	US\$100	US\$150
Nurses	US\$75	US\$100	US\$100	US\$150
Vendors, Companies	US\$900	US\$1,150	US\$1,000	US\$1,250
Invited Speakers	FREE	FREE	FREE	FREE
One Day Only (Nov.1 or 2)	.	.	US\$550	US\$600

Registration fees include:

Admission to all educational sessions, refreshments, lunch and exhibition on the day(s) they registered, Congress Brochure, Admission to the Gala dinner (except Day registration)

Payment Methods.

Full payment of the registration fee must be made at the time of registration.

Payment can be made by:

Credit Card (in US Dollars): Visa or Master Card

Check Payment: payable to “CRSA” or “Clinical Robotic Surgery Association”

(we ask you to indicate the full name used at registration time and the chosen membership level).

Please mail your check to:

Clinical Robotic Surgery Association

Two Prudential Plaza

180 North Stetson, Suite 3500

Chicago IL 6060

REGISTRATION

Cancellation and Refund Policy

Cancellations must be made in writing to the CRSA Congress Secretariat.

Refunds will be processed after the Congress. If the cancellation is received on or **before September, 1, 2019**, your registration fee (after deducting the administrative charge of US \$50) will be refunded.

No refund will be arranged for any cancellations made **after September, 1, 2019**.

Registration Information:

All payments must be made in US Dollars.

Registration without payment will NOT be processed.

The CRSA 2019 Congress Secretariat will send a registration confirmation by email upon receipt of your Registration Form and full payment. Kindly check the confirmation.

Any changes or alterations must be made in writing to the Secretariat.

The program is subject to change without prior notice.

In the event of cancellation of the Congress, the only liability of the Organizers is to refund registration fees paid.

In case of any disputes, decision of the organizers shall be final and conclusive.

All inquiries, changes and cancellations should be made in writing to the CRSA Congress Secretariat email: danielle@clinicalrobotics.com

CONGRESS VENUE & HOTEL

The main conference hotel is the luxury four-star hotel, the **Washington Duke Inn & Golf Club**



This is, also, the main event space for the annual congress.

“Known for its beautifully manicured grounds, stately golf course views and luxury accommodations, the Washington Duke Inn & Golf Club is an unrivaled destination among hotels in Durham. Recipient of the prestigious AAA Four Diamond award for 17 consecutive years, our storied hotel enjoys a prime setting on the Duke University”

Hotel Website: www.washingtondukeinn.com

CRSA Room Block Rate is \$199 per night (Taxes and Breakfast are NOT included)

Reservation Contacts & Deadlines

Reservation can be made:

By telephone

+1 (919) 490-0999 and requesting

11th Worldwide Congress of CRSA (Group ID: 734092) guest room block.

Online

[Using 11th Worldwide Congress of CRSA](#)

All reservation must be made at the time of conference registration and no later than 5:00pm EST on September 30, 2019

OTHER INFORMATION

Cellular phones

Cellular phones must be switched off during all sessions.

Certificate of Attendance

A Certificate of Attendance for the 11th Annual CRSA Congress can be claimed at the registration desk on the last day of the meeting.

Congress bags

Each delegate will receive a congress bag which includes an abstract/program book.

Insurance

Delegates are advised to take out travel insurance to cover medical expenses, accidents, loss, etc. Organizers will not be liable for injuries, damage or loss of participants' properties

Language

All presentations during the meeting will be conducted in English.

There will be no translation

Press info

For more information please contact:

Danielle Jacobson

Clinical Robotic Surgery Association

Phone: +1 (312) 330-1630

danielle@clinicalrobotics.com

Press Passes are limited to one FREE Pass per Publication.

Please submit all requests for interviews in advance.

Membership and General Inquiries

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TIME TABLE

Friday - NOVEMBER 1st

07.30 Breakfast and registration

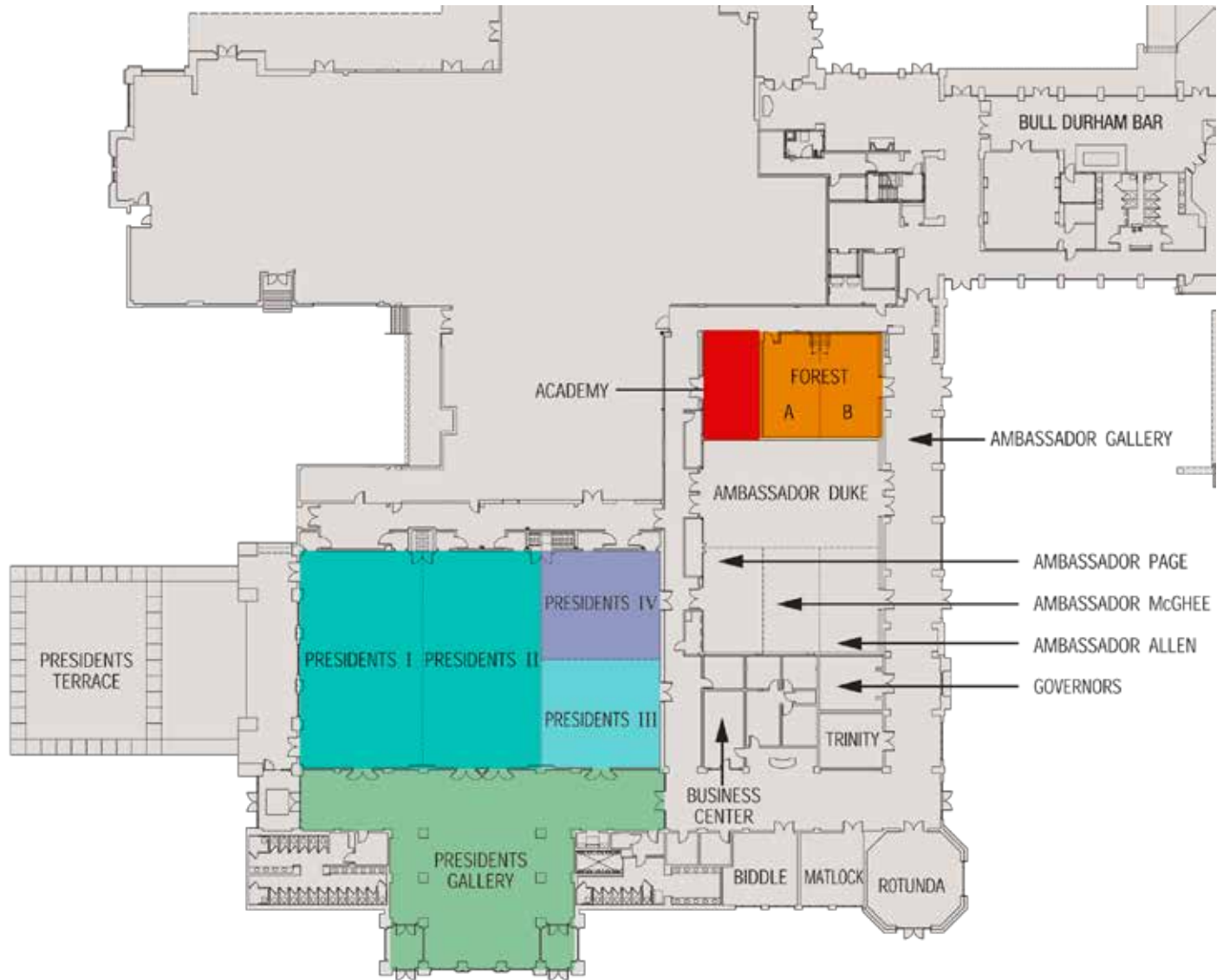
	PRESIDENTS I & II	PRESIDENTS III	PRESIDENTS IV	FOREST AB	ACADEMY
08.00	Opening Cerimony				
08.10	Welcome Lecture				
08.30	Keynote Lecture				
09.00					Abstracts Pancreas
10.00	Colorectal I	Endocrine, Head & Neck	Thoracic	Upper GI	Abstracts Hernia
11.00					
12.00	Lunch				
12.30	Keynote Lecture				
01.00					Abstracts Colorectal
02.00	HPB Liver		Pediatric	Complex Case I	
03.00		Bariatric			
04.00	HPB Pancreas		Transplantation	Abstracts Complex Case	Abstracts Innovation Single/Site
05.00	End of work				
06.30	Social Event				

Saturday - NOVEMBER 2nd

07.30 Breakfast and registration

	PRESIDENTS I & II	PRESIDENTS III	PRESIDENTS IV	FOREST AB	ACADEMY
08.00	Breakfast Update Lectures				
08.30	Tecnology Lectures				
09.00				Abstracts Cardio-Thoracic	Abstracts Upper Gi
10.00	Hernia (Inguinal)	HPB Biliary	Technological Innovation	Abstracts Endocrine	Abstracts Trasplant - Pediatric
11.00					
12.00	Lunch				
12.30	Memorial Lecture Ning Xing Zhou				
01.00	Complex Case HPB		Hernia Session I	Simulation &	Abstracts Liver Biliary
02.00		Colorectal II		Education/Training	
03.00	Complex Case Upper Gi		Hernia Session II		Abstracts Bariatric
04.00					
05.00	Award Presentation and Closing Remarks				

FLOOR PLANS

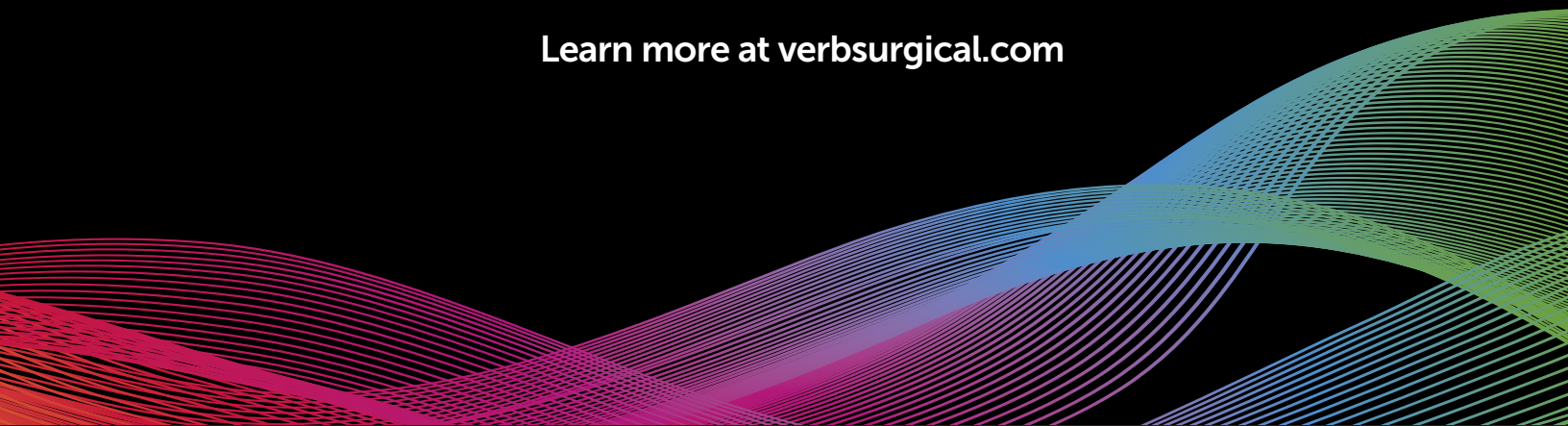




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NEW MEMBERSHIP BENEFIT



FREE ACCESS to the
**International Journal
for Medical Robotics**



CRSA INSTITUTIONAL GROUP MEMBERSHIP (VALID FROM NOW TO DECEMBER 2020)

EXTEND THE BENEFITS OF CRSA MEMBERSHIP TO YOUR COLLEAGUES, RESIDENTS AND FELLOWS FOR ONE LOW PRICE. REGISTER AN UNLIMITED NUMBER OF USERS FROM YOUR INSTITUTION FOR JUST \$1,000 USD. (REGULAR PRICE FOR MEMBERSHIP IS \$300 USD FOR SURGEONS AND \$50 USD FOR RESIDENTS)

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- ACCESS TO THE SURGICAL VIDEO LIBRARY WHERE YOU CAN RESEARCH NEW TECHNIQUES AND EXPLORE THE LATEST RESEARCH (INCLUDES MORE THAN 2,500 SURGICAL VIDEOS AND PRESENTATIONS)
- ONLINE SUBSCRIPTION TO THE INTERNATIONAL JOURNAL FOR MEDICAL ROBOTICS AND COMPUTER-ASSISTED SURGERY (A \$280 VALUE)
- ACCESS TO WORKSHOPS AND TRAINING SESSIONS FROM AROUND THE WORLD
- OPPORTUNITIES TO NETWORK WITH ROBOTIC SURGEONS FROM AROUND THE WORLD
- DISCOUNTED REGISTRATION TO THE ANNUAL MEETING
- PREFERRED ABSTRACT SUBMISSION TO THE ANNUAL MEETING
- EXPEDITED JOURNAL REVIEW FOR ALL ORAL PRESENTATIONS

IF YOU HAVE FOUR OR MORE GENERAL SURGEONS PRACTICING ROBOTIC SURGERY AT YOUR INSTITUTION, TAKE ADVANTAGE OF THIS OFFER!

TO SIGN UP FOR INSTITUTIONAL GROUP MEMBERSHIP WITH THE CLINICAL ROBOTIC SURGERY ASSOCIATION, PLEASE VISIT: [HTTPS://CLINICALROBOTICS.COM/MEMBERSHIP](https://clinicalrobotics.com/membership) AND APPLY!

11 CRSA WORLDWIDE CONGRESS

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FRIDAY - NOVEMBER 1ST

PRESIDENTS I & II

- 08:00 am Opening Ceremony
Ranjan Sudan, *Durham - USA*
- 08:10 am Welcome Lecture: The Future of Surgery
Allan Douglas Kirk, *Durham - USA*
- 08:30 am **Keynote Lecture**
Future perspective of robotic technology
Jaime Wong, *Atlanta - USA*

PRESIDENTS I & II - COLORECTAL I

FURTHER REDUCING INVASIVENESS AND IMPROVING RECOVERY

- Chairs: Gyu Seog Choi, Taiyuan Li, Vincent Obias
- 09:00 am Transanal robotic approach
Vincent Obias, *Washington - USA*
- 09:15 am Initial experience with the new SP
Tony Mak, *Hong Kong - China*
- 09:30 am ERAS protocol in robotic colorectal Surgery
Julie Thacker, *Durham - USA*
- 09:45 am Q&A
- 10:00 am Selected Free paper
Transanal or Transvaginal Natural Orifice Specimen Extraction in Robotic Rectal Cancer Resection for Female Patients
*Xiong Lei, Cheng Tang, Hechun Tang, **Taiyuan Li**, Nanchang - China*
- 10:10 am Selected Video
Robot-assisted simultaneous repair of right inguinal hernia, rectocele, uterine prolapse, and sigmoidectomy for diverticulitis
*Gabriela Aguiluz, **Alberto Mangano**, Valentina Valle, Anders F. Mellgren, Pier C. Giulianotti*
Surgical case was performed by Prof Pier C. Giulianotti MD, FACS *Chicago - USA*

FRIDAY - NOVEMBER 1ST

PRESIDENTS I & II - COLORECTAL I

10:20 am Keynote Lecture
 Robotic surgery in rectal cancer - TME and TaTME
 Marcos Gòmez Ruiz, *Santander - Spain*

TECHNICAL FORUM

Chairs: Paolo Pietro Bianchi, Julio Garcia-Aguilar, Marcos Gòmez Ruiz

10:40 am Robotic TME vs LAP TME
 Julio Garcia-Aguilar, *New York - USA*
 Conor Delaney, *Cleveland, USA*

11:10 am Open Discussion

Selected Free papers

11:40 am Quality of life among robot-assisted, laparoscopic and open abdominoperineal resections for low rectal cancer: outcomes of a single-center prospective randomized controlled trial
*Jianmin Xu, **Guodong He**, Ye Wei, Li Ren, Qingyang Feng, Wenju Chang, Dexiang Zhu, Jingwen Chen, Tuo Yi, Qi Lin, Shanghai - China*

11:50 am Does robotic TME provide adequate pathology metrics in overweight males with low rectal cancer?
Mahir Gachabayov, Seon-Hahn Kim, Tonohiro Yamaguchi,
Rosa Jimenez-Rodriguez, Li-Jen Kuo, Fabio Cianchi, Roberto Bergamaschi, New York - USA

12:00 pm Lunch

12:30 pm **Keynote Lecture**
 Evaluation of morbidity in surgery
 Pierre Alain Clavien, *Zurich - Switzerland*

FRIDAY - NOVEMBER 1ST

PRESIDENTS I & II - HPB LIVER

- Chairs: John Martinie, Cheng-Hong Peng, Chung-Ngai Tang
- 01:00 pm Limitations of robotics in liver resections: the expert opinion
Allan Tsung, *Columbus - USA*
- 01:10 pm Are reasons for conversion different in laparoscopy and robotic liver resections?
Eduardo Fernandes, *UIC, Chicago - USA*
- 01:20 pm State of the art in liver surgery
John Martinie, *Charlotte - USA*
- 01:40 pm ICG-guided segmental resections
Xiaoying Wang, *Shanghai - China*
- 01:50 pm Vascular resections in complex liver surgery
Cheng-Hong Peng, *Shanghai - China*
- 02:00 pm Do we have the right tools for parenchima transection?
Joseph Buell, *Asheville - USA*
- 02:10 pm Face to face debate: How I do a right hepatectomy
Chung-Ngai Tang, *Hong Kong - China*
Pier C. Giulianotti, *Chicago - USA*
- 02:30 pm Surgery for colorectal mets
Alberto Patrìti, *Pesaro - Italy*
- 02:40 pm Best video
Robotic hepatic caudate lobectomy case series report with short-term
Compare with laparoscopic hepatic caudate lobectomy
Sai Chou, *Guo-Dong Zhao, Xuan Zhang, Minggeng Hu, Rong Liu, Beijing - China*
- 02:50 pm Q&A

FRIDAY - NOVEMBER 1ST

PRESIDENTS I & II - HPB PANCREAS

Chairs: Pier C. Giulianotti, Baiyong Shen, Matthew Walsh

03:00 pm Tips and Tricks in robotic pancreatic surgery
Pier C. Giulianotti, *Chicago - USA*

03:12 pm The Whipple at UTSW
Patricio Polanco, *Dallas - USA*

03:24 pm Is the spleen preservation an achievable goal in distal pancreatectomy?
Rong Liu, *Beijing - China*

03:36 pm Management of NET
Aamir Khan, *London - United Kingdom*

03:48 pm Q&A

04:00 pm Central Pancreatectomy: a virtuoso performance or a real clinical option?
Baiyong Shen, *Shanghai - China*

04:12 pm Training in robotic pancreatic surgery: The Cleveland experience
Matthew Walsh, *Cleveland - USA*

04:24 pm Management of complex situations in pancreatic surgery
Andrea Coratti, *Florence - Italy*

04:36 pm Q&A

05:00 pm End of Work

06:30 pm Social Event

FRIDAY - NOVEMBER 1ST

PRESIDENTS III- ENDOCRINE, HEAD & NECK

- Chairs: Eren Berber, Michael Bouvet, Laurent Bresler
- 09:00 am Update on robotic transaxillary thyroidectomy
Eren Berber, *Cleveland - USA*
- 09:15 am Advances in robotic BABA thyroidectomy
Hyunsuk Suh, *New York - USA*
- 09:30 am Robotic transoral thyroidectomy
Hoon Yub Kim, *Seoul - S. Korea*
- 09:50 am Modifications to the endoscopic transoral thyroidectomy technique
Insoo Suh, *San Francisco - USA*
- 10:10 am Break
- 10:20 am Robotic parathyroidectomy and new intraoperative imaging options for parathyroid glands
Eren Berber, *Cleveland - USA*
- 10:30 am Can ICG fluorescence facilitate thyroid and parathyroid procedures?
Michael Bouvet, *San Diego - USA*
- 10:50 am Advances in transabdominal lateral adrenalectomy
Claire Nomine-Criqui, *Nancy - France*
- 11:10 am Tips for robotic lateral and posterior adrenalectomy
Eren Berber, *Cleveland - USA*
- 11:30 am Single port adrenalectomy
Melanie Lyden, *Rochester - USA*
- 11:45 am Q&A

FRIDAY - NOVEMBER 1ST

PRESIDENTS III - BARIATRIC

Chairs: Fernando Elli, Chandra Hassan, Ranjan Sudan

01:00 pm Robotic approach to the hiatal hernia in a bariatric patient
Rana Pullat, *Charleston - USA*

01:15 pm Incorporation of robotics into an established laparoscopic bariatric practice
Curtis Peery, *Sioux Falls - USA*

01:30 pm Robotic revisional bariatric Surgery
Erik Wilson, *Houston - USA*

01:45 pm Robotic Gastric Bypass: technical considerations
Fernando Elli, *Jacksonville - USA*

02:00 pm Economics of Robotic Bariatric Surgery in USA
Angel Reyes, *Tacoma - USA*

02:15 pm Q&A

02:30 pm Robotic Surgery Collaboration: Influence of Social media in Bariatric Practice
Richard DiCicco, *Tampa - USA*

02:45 pm Robotic Duodenal Switch
Ranjan Sudan, *Durham - USA*

03:00 pm Is Robotic Sleeve Gastrectomy Cost effective?
Anthony Gonzalez, *Miami - USA*

03:15 pm How to implement Robotic Bariatric Surgery in a cost sensitive market
Vivek Bindal, *New Delhi - India*

03:30 pm Economics of Robotic Bariatric Surgery in the EU
Monika Hagen, *Geneva - Switzerland*

03:45 pm Perspectives of Robotic Bariatric Surgery
Chandra Hassan, *Chicago - USA*

04:00 pm Q&A

FRIDAY - NOVEMBER 1ST

PRESIDENTS IV - THORACIC - LUNG RESECTION

- Chairs: Mark Dylewski, Qingquan Luo, Sudish Murthy
- 09:00 am Robotic anatomic Segmentectomy
Ghulam Abbas, *West Virginia University - USA*
- 09:10 am Navigating Complex Robotic-Assisted procedures with da Vinci XI
Mark Dylewski, *Miami - USA*
- 09:20 am Selected Free paper
Robotic assisted thoracic surgery versus thoracotomy in patients with cN2 non-small cell lung cancer: a prospective randomized clinical trial (ChiCTR-INR-17012777)
Qingquan Luo, *Shanghai - China*
- 09:30 am Robotic-assisted lobectomy: Emory experience
Allan Pickens, *Atlanta - USA*
- 09:40 am Advanced Robotic Lung Cancer resections: Dealing with Induction Therapy and Granulomatous Disease
Sudish C. Murthy, *Cleveland - USA*
- 09:50 am Q&A

GENERAL THORACIC

- Chairs: Mark Dylewski, Jens C. Rueckert, Yidan Lin
- 10:10 am Robotic Laparoscopic Primary Repair of Giant Hiatal Hernias
Farid Gharagozloo, *Celebration - USA*
- 10:20 am Selected Free Paper
Clinical and Economic Outcomes of Using Robotic vs. Laparoscopic Staplers during Robotic-assisted Lobectomy
Michael Zervos, Yanli Li, Daniel Oh *New York - USA*
- 10:30 am Robotic Selective Dorsal Sympathectomy for Hyperhidrosis
Farid Gharagozloo, *Celebration - USA*
- 10:40 am Robotic Laparoscopic lateral Heller Myotomy without Fundoplication for Achalasia
Farid Gharagozloo, *Celebration - USA*
- 10:50 am Pitfalls in implementation of a robotic CT program
Alper Toker, *Istanbul - Turkey*
- 11:00 am Robotic thymic surgery
Jens C. Rueckert, *Berlin - Germany*
- 11:10 am Robotic First Rib Resection for Neurogenic TOS
Duy Nguyen, *Houston - USA*
- 11:20 am Selected Video
A novel method for intrathoracic robotic hand-sewn anastomosis in Ivor-Lewis esophagectomy
Yidan Lin, *Chengdu - China*
- 11:30 am Q&A

FRIDAY - NOVEMBER 1ST

PRESIDENTS IV - PEDIATRIC

Chairs: Thom E. Lobe, Deepak Mehta, Jonathan Routh

01:00 pm The Use and Initial Experience with the SP Single Port Robotic Platform in Pediatric Cases
Thom E. Lobe, *Chicago - USA*

01:20 pm Robotic General and Thoracic Surgery in Pediatrics
Juan Camps, *Columbia - USA*

01:40 pm Pediatric TORS
Deepak Mehta, *Houston - USA*

02:00 pm Pediatric Robotic Urological Surgery
Ardavan Akhavan, *New York - USA*

02:20 pm Upper GI robotic surgery and program development
Karen Diefenbach, *Columbus - USA*

02:40 pm Q&A

FRIDAY - NOVEMBER 1ST

PRESIDENTS IV - TRANSPLANTATION

Chairs: Enrico Benedetti, Jose Oberholzer, Yao-Ming Wu

03:00 pm Video demonstration for the standard and challenging anatomy during robotic liver resection for living donor liver transplant
Yao-Ming Wu, *Taipei - Taiwan*

03:15 pm The evolution from the laparoscopic to the robotic approach for the liver surgery for living donor of liver
Broering Dieter Clemens, *Riyadh - Saudi Arabia*

03:30 pm Role of robotic surgery in kidney transplantation donors and recipients
Ivo Tzvetanov, *Chicago - USA*

03:45 pm Robotic pancreas and kidney pancreas transplantation
Jose Oberholzer, *Charlottesville - USA*

04:00 pm Result of a randomized trial comparing robotic kidney transplant alone to robotic kidney transplant and sleeve gastrectomy in recipients with high BMI
Enrico Benedetti, *Chicago - USA*

04:15 pm Q&A

FRIDAY - NOVEMBER 1ST

FOREST AB - UPPER GI

Chairs: Matthew Hartwig, Graziano Pernazza, Ichiro Uyama

09:00 am What's new in minimally invasive Upper GI surgery
Ichiro Uyama, *Toyoake - Japan*

09:20 am Selected Free Paper
Long Term results of Robotic Laparoscopic Modified Belsey Fundoplication (Gastroesophageal Valvuloplasty) for Gastroesophageal Reflux Disease
Farid Gharagozloo, Basher Atiquzzaman, Mark Meyer, Rob Tolboom, Celebration - USA

09:30 am Technical considerations on esophageal anastomoses
Matthew Hartwig, *Durham - USA*

09:45 am Robotic approach to benign pathology of E-G junction
Graziano Pernazza, *Rome, Italy*

10:00 am Selected Free Paper
Current Status and Ingenuity of Robot-assisted Thoracic Surgery for Esophageal cancer
Hidehiko Kitagami, Yosuke Kitayama, Tomoyoshi Kunitomo, Keita Sakashita, Sosuke Sumikawa, Hayato Hosoi, Tomohiro Kikkawa, Yushi Fujiwara, Kuniaki Sasaki, Yo Kurashima, Yasunori Nishida, Takaya Kusumi, Masao Hosokawa, Sapporo - Japan

10:10 am Q&A

FRIDAY - NOVEMBER 1ST

FOREST AB - UPPER GI

Chairs: Matthew Hartwig, Graziano Pernazza, Ichiro Uyama

10:30 am Technical tips and tricks in Upper GI surgery
Francesco Bianco, *Chicago – USA*

10.45 am Long term outcome of robotic gastrectomy for cancer: western experience
and review of the literature
Francesca Bazzocchi, *San Giovanni Rotondo - Italy*

11.00 am ICG navigation in lymphadenectomy: Eastern Experience
Woo Jin Hyung, *Seoul - Korea*

11:15 am Unusual complications in Upper GI surgery
Andrea Coratti, *Florence – Italy*

11:30 am Which kind of evidences should we still wait for to perform robotic
upper GI surgery
Antonio Luiz de Vasconcellos Macedo, *São Paulo – Brazil*

11.45 am Future development of ICG visualization modalities for lymphonodal mapping
Liaohai Chen, *Chicago - USA*

12:00 pm Q&A

FRIDAY - NOVEMBER 1ST

FOREST AB - COMPLEX CASE I

- Chairs: Pierre Alain Clavien, Cesar Santiago, Giuseppe Spinoglio
- 01:00 pm Advanced rectal cancer with right ureter encasement
Paolo Pietro Bianchi, *Grosseto - Italy*
- 01:12 pm Ultra-low anterior resection in obese male needing TA TME
Cesar Santiago, *Tampa - USA*
- 01:24 pm Complex Colo-vaginal fistula repair
Cesar Santiago, *Tampa - USA*
- 01:36 pm Ileal pouch on previously radiated pelvis and previous prostatectomy
Cesar Santiago, *Tampa - USA*
- 01:48 pm Q&A
- 02:12 pm Colo-anal anastomosis in patient with previous DV LAR with section of left middle colic branch
Giuseppe Spinoglio, *Turin - Italy*
- 02:24 pm Excision of a large rectal mass using the medrobotics FLEX robot
Vincent Obias, *Washington - USA*
- 02:36 pm Robotic Rectopexy and Outcomes
Mayou Tampo, Vincent Obias, *Washington - USA*
- 02:48 pm Intraoperative bleeding controlled robotically
Mayou Tampo, Vincent Obias, *Washington - USA*
- 03:00 pm Robotically controlled anastomotic leak during sigmoid resection
Mayou Tampo, Vincent Obias, *Washington - USA*
- 03:12 pm Vascular anatomy variation in bottom to-up right colectomy: mistakes, risks and management
Giuseppe Spinoglio, *Turin - Italy*
- 03:24 pm Q&A
- 03:36 pm Diaphragmatic hernia post liver transplantation
Subhashini Ayloo, *Newark - USA*
- 03:48 pm The benefits of the robotic platform in the treatment of an early recurrence following a giant hiatal hernia repair
Antonio Gangemi, *Chicago - USA*
- 04:00 pm Trans-gastric GIST resection and para-esophageal hernia combined
Fernando Elli, *Jacksonville - USA*
- 04:12 pm Q&A

FRIDAY - NOVEMBER 1ST

FOREST AB - ABSTRACTS: COMPLEX CASE

Chairs: Pierre Alain Clavien, Cesar Santiago, Giuseppe Spinoglio

Complex Case Video session

- 04:20 pm Robotic total gastrectomy with en-bloc distal spleno-pancreatectomy, omentectomy, D2 lymphadenectomy and Roux-en-Y esophagojejunostomy
Pier C. Giulianotti, **Yevhen Pavelko**, Alberto Mangano, Sarah Brehm, Roberto Bustos, Stephan Gruessner, Francesco M. Bianco
- 04:26 pm Robotic Subtotal Cholecystectomy in a Geriatric Acute Care Surgery patient with Super Obesity
Alec Statler, Jennifer Knight, Connie DeLa'O, **Nova Szoka**
- 04:32 pm Two cases of surgically challenging hepatic cysts excised by robotic and laparoscopic assisted surgery
Yousef Taha, Muhammad Khalifa, Suliman Elshaeer, Seema Biswas, Evgeny Solomonov
- 04:38 pm Robotic Resection of Large Pelvic Mass of Undetermined Origin
Alberto Mangano, Valentina Valle, Eduardo Fernandes, Gabriela Aguiluz, Roberto Bustos, Francesco M. Bianco, Pier C. Giulianotti

FRIDAY - NOVEMBER 1ST

ACADEMY - ABSTRACTS: PANCREAS

Chairs: Pietro Addeo, Subhashini Ayloo, Matthew Walsh

Pancreas Free Papers

- 09:10 am Robotic enucleation for benign or low-grade malignant tumors at the pancreatic head: a single-center experience
Yuanxing Gao, Zhiming Zhao, Rong Liu
- 09:20 am Robotic pancreaticoduodenectomy: 940 cases of experience in a single center
Rong Liu, Zhi-Ming Zhao, Yuan-Xing Gao, Guo-Dong Zhao, Ming-Gen Hu, Xiang-Long Tan, Xuan Zhang, Zi-Zheng Wang
- 09:30 am Robot-assisted versus open distal pancreatectomy for IPMN: a single center experience
Matteo Palmeri, Desirée Gianardi, Niccolò Furbetta, Gregorio Di Franco, Simone Guadagni, Matteo Bianchini, Lorenzo Maria Fatucchi, Gianni Stefanini, Valentina Pucci, Cesare Gianfaldoni, Virginia Viti, Giulio Di Candio, Franco Mosca, Luca Morelli
- 09:40 am Robotic versus laparoscopic distal pancreatectomy: a comparative costs-effectiveness study
Yolanda Quijano, Emilio Vicente, Valentina Ferri, Ricardo Caruso, Hipolito Duran, Eduardo Diaz, Isabel Fabra, Luis Malave, Eva Pinna, Angelo D'Ovidio, Miguel Aguilar, Javier Nuñez, Benedetto Ielpo, Roberta Isernia, Pablo Ruiz
- 09:50 am Safety and effectiveness of the da Vinci robot with the "3+2" mode for distal pancreatectomy
Yuntao Ma, He Su, Ming Hu
- 10:00 am Anatomy of the anterior pancreaticoduodenal arterial arch and its role in robot-assisted duodenum preserving pancreatic head resection
Shuai Wu, Liang Han, Zheng Wu
- 10:10 am Robotic Distal Spleno-Pancreatectomy for Two Synchronous Mucinous Cystic Neoplasms in the Setting of Extensive Intrabdominal Adhesions
Stephan Gruessner, Francesco M. Bianco, Alberto Mangano, Yevhen Pavelko, Roberto Bustos, Pier C. Giulianotti

FRIDAY - NOVEMBER 1ST

ACADEMY - ABSTRACTS: HERNIA

Chairs: Joe Deka, Antonio Gangemi, Anthony Gonzalez

Hernia Free papers

11:00 am Learning Curve of the Robotic Totally Extraperitoneal Bilateral Inguinal Hernia Repair
Christina Momchev, Jordan Richards, Sarah Budney, Ronald Gagliano, James Bogert, Jordan Weinberg, Thomas Gillespie

11:10 am Cost Creep Avoided: The Reproducible Robotic Total Extraperitoneal Bilateral Inguinal Hernia Repair is a Cost-Effective Procedure
Jordan Richards, **Natasha Sioda**, Sarah Budney, Christina Momchev, Jordan Weinberg, Ronald Gagliano, James Bogert, Thomas Gillespie

11:20 am Robotic-assisted ventral hernia surgery: outcomes of the first 84 cases
Giuseppe Giuliani, Giampaolo Formisano, Lucia Salvischiani, Adelona Salaj, Alfredo Genovese, Luca Felicioni, Paolo Pietro Bianchi

Hernia Video session

11:30 am Robotic eTEP / TAR Without Crossover For A Large Right Sided Incisional Hernia
Daksh Sethi, Vivek Bindal, B Ramana, Sudhir Kalhan, Mukund Khetan, Suviraj John

11:36 am Robot-assisted primary repair with mesh of a recurrent incisional hernia in a hostile abdomen
Gabriela Aguiluz, **Stephan Gruessner**, Roberto Bustos, Francesco M. Bianco, Pier C. Giulianotti

11:42 am Robotic repair of parastomal hernia with trasversus Abdominis Release
Giampaolo Formisano, **Giuseppe Giuliani**, Lucia Salvischiani, Adelona Salaj, Alfredo Genovese, Paolo Pietro Bianchi

11:48 am Robotic Transabdominal Retromuscular Umbilical Hernia Repair
Giampaolo Formisano, Lucia Salvischiani, Adelona Salaj, Luca Ferraro, **Giuseppe Giuliani**, Paolo Pietro Bianchi

11:54 am Ureter included in inguino-scrotal hernia sac: robotic TAPP approach
Konstantinos Konstantinidis, Michael Konstantinidis, Marinos Makris, Fotios Antonakopoulos, Panagiotis Athanasopoulos, Argyrios Ioannidis

12:00 pm Robotic Single Port SP TaPP inguinal hernia repair, a first video report
Francesco M. Bianco, Yevhen Pavelko, Alberto Mangano, Valentina Valle, Roberto Bustos, Stephan Gruessner, Sarah Brehm, Pier C. Giulianotti

12:06 pm Hybrid Robotic TAPP TAR Ventral Hernia Repair Using the Double Layer-TACO Technique
Rossana Daniela Berta, Caterina Corsini, Rosario Bellini, Rudy Mancini, Carlo Moretto, Marco Anselmino

FRIDAY - NOVEMBER 1ST

ACADEMY - ABSTRACTS: COLORECTAL

Chairs: Gyu Seog Choi, John Migaly, Luca Morelli

- 01:00 pm **Colo-rectal Free papers**
Robotic-assisted surgery for complicated diverticulitis: a single surgeon case series
Salvatore Parascandola, *Salini Hota, Vincent Obias*
- 01:10 pm Transanal Robotic Local Excision (TARLE) of T1-T2 N0 M0 low rectal cancer in fragile patients. Is it a safe approach?
Jerzy Draus
- 01:20 pm Robotic versus laparoscopic surgery for rectal cancer: a comparative costs-effectiveness study
Yolanda Quijano, *Emilio Vicente, Valentina Ferri, Ricardo Caruso, Hipolito Duran, Isabel Fabra, Eduardo Diaz, Luis Malave, Eva Pinna, Angelo D'Ovidio, Miguel Aguilar, Benedetto Ielpo, Roberta Isernia, Pablo Ruiz, Javier Nuñez*
- 01:30 pm **Colo-rectal Video session**
Single Port Robotic Transanal Endoscopic Microsurgery (SP rTEM)
Emily Kunkel, Charles Martin, Samir Agarwal, John Marks
- 01:36 pm Single Port (SP) Robotic TaTME/TATA
Emily Kunkel, Charles Martin, Samir Agarwal, Jon Josse, John Marks
- 01:42 pm Single Port Robotic Assisted Transanal Excision of Rectal Lesion
Adam Studniarek, *Jennifer Pan, Gerald Gantt, Anders Mellgren, Pier C. Giulianotti, Johan Nordenstam*
- 01:48 pm Robotic Transanal Minimally Invasive Surgery With Davinci Xi System: Technical Details
Giuseppe Giuliani, *Giampaolo Formisano, Lucia Salvischiani, Adelona Salaj, Luca Ferraro, Paolo Pietro Bianchi*
- 01:54 pm Robotic Assisted Surgical Technique offers excellent results In the management of patients with Diverticulitis
Stephan Gruessner, *Yevhen Pavelko, Alberto Mangano, Valentina Valle, Anders Mellgren, Pier C. Giulianotti*
- 02:00 pm Post-acute Recurrent Sigmoid Diverticulitis with Colo-enteric Fistula: Robotic Sigmoid Resection and Small-bowel Wedge Resection. The adjunct of robotic surgery in challenging surgical scenarios
Valentina Valle, Alberto Mangano, Eduardo Fernandes, Stephan Gruessner, Roberto Bustos, Yevhen Pavelko, Francesco M. Bianco, Pier C. Giulianotti
- 02:06 pm Robotic assisted colon resection for diverticulitis
Yevhen Pavelko, *Francesco M. Bianco, Aguiluz Gabriela, Sarah Brehm, Stephan Gruessner, Anders Mellgren, Pier C. Giulianotti*
- 02:12 pm Successful Robotic Redo-Colorectal Anastomosis Due to a Traumatic Neuroma Stricture
Stephan Gruessner, *Francesco M. Bianco, Gabriela Aguiluz, Alberto Mangano, Yevhen Pavelko, Pier C. Giulianotti*
- 02:18 pm Rectal leiomyoma robotic enucleation
Mario Anecchiarico, *Claudia Paolini, Andrea Coratti*

FRIDAY - NOVEMBER 1ST

ACADEMY - ABSTRACTS: ORGANIZATION/MANAGEMENT - SINGLE SITE - TECHNOLOGICAL INNOVATION

Chairs: Mehran Anvari, Francesco Bianco, Eduardo Fernandes

03:00 pm Organization/Management - Single Site - Technological Innovation Free papers

03:00 pm Cost-analysis of robotic distal pancreatectomy: a comparison between robotic and direct manual laparoscopic approach
Matteo Palmeri, *Valentina Lorenzoni, Niccolò Furbetta, Desirée Gianardi, Gregorio Di Franco, Simone Guadagni, Matteo Bianchini, Lorenzo Maria Fatucchi, Gianni Stefanini, Valentina Pucci, Leonardo Rossi, Giulio Di Candio, Franco Mosca, Giuseppe Turchetti, Luca Morelli*

03:10 pm Robotic-Assisted Single-Site Laparoscopic Sigmoidectomy for Diverticular Disease: Superior to Single-Incision Laparoscopic Sigmoidectomy
Walter Gantert, *Bernward Moelle, Marc Schiesser*

03:20 pm Concept of "Virtual Incision" in Single Incision Laparoscopic Surgery
Subhash Chawla

03:30 pm Indocyanine green and its derivatives for target-specific imaging
Liaohai Chen, *Weiqiao Zeng, Elwin Clutter, Pier C. Giulianotti*

03:40 pm **Single Site Video session**
Video comparison of single site vs single port robotic platforms for cholecystectomy
Francesco M. Bianco, *Yevhen Pavelko, Roberto Bustos, Stephan Gruessner, Alberto Mangano, Valentina Valle, Pier C. Giulianotti*

SATURDAY - NOVEMBER 2ND

- 08:00 am **Breakfast update Lecture**
Optimal HPB surgery
Henry Pitt, *Philadelphia - USA*
- 08:30 am **Technology Lecture**
Future development of Artificial Intelligence
Rick L. Stevens, Argonne Lab, *Chicago - USA*

PRESIDENTS I & II - HERNIA (INGUINAL)

SESSION I

Chairs: Brian Jacob, Yusef Kudsi, Eduardo Parra-Davila

- 09:00 am Initial experience in Switzerland with rTAPP and the role of simulation
Ulrich Dietz, *Olten - Switzerland*
- 09:12 am The commandments of rTAPP inguinal hernia repair
Joe Deka, *Scottsdale - USA*
- 09:24 am rTEP inguinal: Step by step
Thomas Gillespie, *Phoenix - USA*
- 09:36 am Single Port Robotic TAPP, initial experience
Francesco Bianco, *Chicago - USA*
- 09:48 am Robotic large scrotal hernia: pushing the envelope
Eduardo Parra Davila, *West Palm Beach - USA*
- 10:00 am Direct inguinal hernia. What to do with the direct space
Agustin Alvarez, *Santiago - Chile*
- 10:12 am Q&A

SATURDAY - NOVEMBER 2ND

PRESIDENTS I & II - HERNIA (INGUINAL)

SESSION II

- Chairs: Brian Jacob, Yusef Kudsi, Eduardo Parra-Davila
- 10:30 am Sportsman's Hernia Syndrome. Robotic Repair
Konstantinos Konstantinidis, *Athens - Greece*
- 10:42 am Chronic groin pain and the role of robotics in management
Brian Jacob, *New York - USA*
- 10:54 am Top ten robotic inguinal peer reviewed articles
Ankit Patel, *Atlanta - USA*
- 11:06 am Robotic Turkish Experience: Bilateral Inguinal Hernia Repair. How I do it
Bilgi Baca, *Istanbul - Turkey*
- 11:18 am How to manage complex inguinal hernia
Anthony Gonzalez, *Miami - USA*
- 11:30 am Q&A
- 12:00 pm Lunch
- 12:30 pm **Memorial Lecture Ning Xing Zhou**
Robotic pancreatic surgery in China
Baiyong Shen, *Shanghai, China*

SATURDAY - NOVEMBER 2ND

PRESIDENTS I & II - COMPLEX CASE HPB

- Chairs: Subhashini Ayloo, Andrea Coratti, John Martinie,
- 01:00 pm Partial adrenalectomy for bilateral pheochromocytoma in patient with MEN 2A and allergies to hydrocortisone
Eren Berber, *Cleveland - USA*
- 01:12 pm Robot assisted trans-gastric drainage and debridement of walled off pancreatic necrosis with robotic endowrist stapler for the da Vinci Xi
Luca Morelli, *Pisa - Italy*
- 01:24 pm Robotic distal pancreatectomy with splenectomy for bulky tumor by robotic retroperitoneal and intraabdominal approaches
Ichiro Uyama, *Nagoya - Japan*
- 01:36 pm Robotic multiorgan resection for neuroendocrine pancreatic cancer
Pier C. Giulianotti, *Chicago - USA*
- 01:48 pm Aneurysm of the splenic artery: unexpected bleeding of the staple line
Pietro Paolo Bianchi, *Grosseto - Italy*
- 02:00 pm Q&A
- 02:24 pm Recurrent intrahepatic lithiasis after unsuccessful hepatico-jejunostomy revised X 2
Subhashini Ayloo, *Newark - USA*
- 02:36 pm Robotic assisted Appleby and wedge gastric resection for locally advanced pancreatic body PDAC
Luca Morelli, *Pisa - Italy*
- 02:48 pm Multidisciplinary treatment of Dunbar Syndrome: robotic section of arcuate ligament and endovascular embolization of peripancreatic arterial arcade aneurysm
Luca Morelli, *Pisa - Italy*
- 03:00 pm Right hepatectomy complicated by right hepatic vein bleeding and CO2 embolism
Pier C. Giulianotti, *Chicago - USA*
- 03:12 pm Q&A

SATURDAY - NOVEMBER 2ND

PRESIDENTS I & II - COMPLEX CASE UPPER GI

Chairs: Subhashini Ayloo, Antonio Luiz de Vasconcellos Macedo, Graziano Pernazza

- 03:24 pm Robotic subtotal esophagectomy for locally advanced esophageal carcinoma with invasion of the pericardium using both of robotic trans-hiatal and thoracoscopic approaches
Ichiro Uyama, *Nagoya - Japan*
- 03:36 pm Robotic total gastrectomy with left lobe hepatectomy for locally advanced gastric cancer with direct invasion to liver via Glisson's sheath
Ichiro Uyama, *Nagoya - Japan*
- 03:48 pm Completion gastrectomy for gastric cancer 10 years after partial gastrectomy with Billroth II reconstruction
Pier C. Giulianotti, *Chicago - USA*
- 04:00 pm Sleeve Gastrectomy after liver transplantation
Subhashini Ayloo, *Newark - USA*
- 04:12 pm Robotic intragastric excision of GIST tumor
Matthew Walsh, *Cleveland - USA*
- 04:24 pm Total gastrectomy and distal esophagectomy for Siewert 3-type cancer, after preoperative CHT in obese patient
Andrea Coratti, *Florence - Italy*
- 04:36 pm Q&A
- 04:50 pm Awards Presentation and Closing Remarks
Ranjan Sudan, CRSA President
Baiyong Shen CRSA President Elect

SATURDAY - NOVEMBER 2ND

PRESIDENTS III - HPB BILIARY

Chairs: Evgeny Solomonov, Chung-Ngai Tang, Go Wakabayashi

- 09:00 am Iatrogenic biliary injuries
Pier C. Giulianotti, *Chicago - USA*
- 09:15 am Robotic Single and Multiple Port Surgery for the Difficult Gallbladder
Konstantinos Konstantinidis, *Athens - Greece*
- 09:30 am ICG colangiography
Antonio Gangemi, *Chicago - USA*
- 09:45 am Intrahepatic biliary stones
Chung-Ngai Tang, *Hong Kong - China*
- 10:00 am Robotic cholecystectomy as a teaching tool in academic Institution
Subhashini Ayloo, *Newark - USA*
- 10:15 am Worldwide state of the art of MIS ALPPS procedures
Evgeny Solomonov, *Safad - Israel*
- 10:30 am Extrahepatic biliary cancers: controversies in treatment
Go Wakabayashi, *Morioka - Japan*
- 10:45 am Hepaticojejunostomies: technique and results
Eduardo Fernandes, *Chicago - USA*
- 11:00 am Q&A

SATURDAY - NOVEMBER 2ND

PRESIDENTS III - HPB BILIARY BEST VIDEO/FREE PAPER

Chairs: Chung-Ngai Tang, Go Wakabayashi Sabino Zani

Best videos

11:20 am Robotic radical resection for hilar cholangiocarcinoma: initial experience
Rong Liu, Beijing - China

11:30 am Short-term outcomes of robotic radical resection for gallbladder cancer
Rong Liu, Beijing - China

Best Free Paper

11:40 am Reducing the surgical burden: Robotic Pump implantation in Patients with Unresectable Intrahepatic Cholangiocarcinoma
Christian Oberkofler, Povilas Ignatavicius, Michelle de Oliveira, Henrik Petrowsky, Pierre-Alain Clavien, Zurich - Switzerland

SATURDAY - NOVEMBER 2ND

PRESIDENTS III - COLORECTAL II

“POLAR STARS” FOR ROBOTIC SAILORS ICG AND IMAGE GUIDED SURGERY

Chairs: Sam Atallah, Roberto Bergamaschi, Cesar Santiago

01:00 pm Augmented reality and navigation assisting robotic colorectal surgery
Eduardo Parra Davila, *West Palm Beach - USA*

01:10 pm ICG robotic right colectomy
Giuseppe Spinoglio, *Turin - Italy*

01:20 pm ICG guided lymphadenectomy
Graziano Pernazza, *Rome - Italy*

01:30 pm Transanal robotic navigation surgery
Sam Atallah, *Orlando - USA*

01:40 pm Q&A

THE “INFLUENCER” OPINION

02:00 pm Current status and future perspectives in minimally-invasive colorectal surgery
Gyu Seog Choi, *Daegu - Korea*

SATURDAY - NOVEMBER 2ND

PRESIDENTS III - ROOM A - COLORECTAL II

RIGHT AND LEFT COLON CANCER, TWO DIFFERENT DISEASES?

Chairs: Sam Atallah, Roberto Bergamaschi, Cesar Santiago

02:20 pm Robotic precision surgery in “embryologic” right colectomy and CME
Roberto Bergamaschi, *New York - USA*

02:30 pm Bottom up robotic right colectomy: Any advantages?
Giuseppe Spinoglio, *Turin - Italy*

02:40 pm CME in left colonic resection
Paolo Pietro Bianchi, *Grosseto - Italy*

02:50 pm Q&A

03:10 pm Selected Free Paper
Single-incision robotic-assisted colorectal surgery: a case series
Salini Hota, *Salvatore Parascandola, Vincent Obias, Norfolk - USA*

03:20 pm Selected Video
Robot-assisted right colectomy with complete mesocolic excision (CME) and central vascular ligation: technical aspects of medio-lateral approach
Graziano Ceccarelli, *Michele De Rosa, Walter Bugiantella, Lorenzo Mariani, Alessandro Pasculli, Paolo Stella, Alberto Bartoli, Foligno-Spoleto - Italy*

TECHNICAL CORNER

03:30 pm Intracorporeal anastomoses
Luca Morelli, *Pisa - Italy*

03:40 pm APR with rectus muscle flap reconstruction
Virgilio George, *Charleston - USA*

03:50 pm Robotic left colectomy for diverticulitis
Cesar Santiago, *Tampa - USA*

04:00 pm Handling intraoperative complications
Craig Johnson, *Tulsa - USA*

04:10 pm Q&A

SATURDAY - NOVEMBER 2ND

PRESIDENTS III - COLORECTAL II

ROBOTIC SURGERY IN ADVANCED RECTAL CANCER

Chairs: Sam Atallah, Roberto Bergamaschi, Cesar Santiago

04:20 pm LP nodes dissection: when and how
Gyu Seog Choi, *Daegu - Korea*

04:30 pm Robotic presacral sacral tumor excision
Jorge Lagares, *Charleston - USA*

04:40 pm Q&A

SATURDAY - NOVEMBER 2ND

PRESIDENTS IV - TECHNOLOGICAL INNOVATION

Chairs: Mehran Anvari, Joseph Izzat, Rick L. Stevens

09:00 am Is there a role for autonomous function in surgical robotics?
Mehran Anvari, *Hamilton - Canada*

09:12 am IBM Watson and promise of AI in medicine and surgical robotics
Marwan Sati, *Toronto - Canada*

09:24 am Lessons from autonomous robotic systems in the space program
Tim Fielding, *Brampton - Canada*

09:36 am Intelligent surgery and data analytics
Darla Hutton, *Sunnyvale - USA*

09:48 am AI in surgery
Lawrence Carin, *Durham - USA*

10:00 am Balancing Innovation with Access
Carla Peron, *Fort Lauderdale - USA*

10:12 am The Future of Surgery - Verb Surgical
David Herrmann, *Mountain View - USA*

10:24 am Innovations in ophthalmology
Anthony Kuo, *Durham - USA*

10:36 am Q&A

11:00 am Debate Open forum
Controversies and perspective of AI and automation in surgery
or Is autonomous action part of Intuitive plan for future systems?

Moderator: Mehran Anvari, *Hamilton - Canada*

Discussants: Lawrence Carin, *Durham - USA*

Tim Fielding, *Brampton - Canada*

Pier C. Giulianotti, *Chicago - USA*

Konstantinidis, *Athens - Greece*

Rick Stevens, *Lemont - USA*

SATURDAY - NOVEMBER 2ND

PRESIDENTS IV - HERNIA - SESSION I

Chairs: Brian Jacob, Yusef Kudsi, Peter Santoro

01:00 pm Impact of social media on robotic hernia
Brian Jacob, *New York - USA*

01:12 pm The new anatomy of the abdominal wall
Ulrich Dietz, *Olten - Switzerland*

01:24 pm Trocar site hernia management and prevention
Daniel Popowich, *New York - USA*

01:36 pm Robotic IPOM. The new and the old
Nisha Dhir, *New Jersey - USA*

01:48 pm rTAPP ventral. Why and how. What's new
Hany Takla, *Winchester - USA*

02:00 pm Robotic ventral hernia in morbidly obese patients
Erik Wilson, *Houston - USA*

02:12 pm Robotic transabdominal TAR. How I do it and anatomy landmarks
Peter Santoro, *Delaware - USA*

02:24 pm Q&A

SATURDAY - NOVEMBER 2ND

PRESIDENTS IV - HERNIA - SESSION II

Chairs: Carlos Galvani, Yusef Kudsi, Eduardo Parra-Davila

02:48 pm Robotic flank hernia. What to watch for and how I do it
Yusef Kudsi, *Boston - USA*

03:00 pm Lap and robotic TEP in ventral hernia. The Chilean journey
Agustin Alvarez, *Santiago - Chile*

03:12 pm The frozen abdomen and large defect > 20 cm. The hybrid TAR
Yusef Kudsi, *Boston - USA*

03:24 pm Robotic Morgagni hernia repair. How I do it
Hany Takla, *Winchester - USA*

03:36 pm Robotic retromuscular modified Sugarbaker for parastomal hernia
Yusef Kudsi, *Boston - USA*

03:48 pm Complications in robotic hernia repair. How to avoid and deal with them
Peter Santoro, *Delaware - USA*

04:00 pm Robotic PEH. To mesh or not. Tips and tricks
Carlos Galvani, *Houston - USA*

04:12 pm Is there a role for robotic anterior component separation?
Eduardo Parra-Davila, *West Palm Beach - USA*

04:24 pm Q&A

SATURDAY - NOVEMBER 2ND

FOREST AB - ABSTRACTS: CARDIO - THORACIC

Chairs: Mark Meyer, Jens C. Rueckert, Sumin Yang

- 09:00 am **Cardio-Thoracic Free papers**
Robotic Anatomical Segmentectomy: An Analysis of the Learning Curve
Hecheng Li, Yajie Zhang, Yajie Zhang
- 09:10 am The learning curve of the thoracic lymphadenectomy in the first 100 cases of robot-assisted esophagectomy
Yidan Lin
- 09:20 am Robotic lung cancer surgery: from simple to complex, from surgery to clinical study
Hecheng Li, YU Han, Yajie Zhang
- 09:30 am Robotic assisted esophagectomy is superior to conventional minimal invasive esophagectomy in lymphadenectomy: a meta-analysis
Yidan Lin
- 09:40 am Robotic side-to-side and end-to-side stapled esophagogastric anastomosis of Ivor Lewis esophagectomy for cancer
Yun Wang
- 09:50 am Uni-intercostal procedure for transthoracic surgery used Davinci Xi system, is it feasible?
Bentong Yu, Jian Tang
- 10:00 am The Experience In Minimally Invasive Heart Surgery By Da Vinci Robot In 5 Years
Sumin Yang, Wang Qingjiang
- 10:10 am **Cardio-Thoracic Video session**
Reverse-Puncture Anastomotic Technique for Minimally Robotic Intrathoracic Esophagectomy
Xiaolong Liu, Jun Yi

FOREST AB - ABSTRACTS: ENDOCRINE

Chairs: Eren Berber, Michael Bouvet

- 10:20 am **Endocrine Free papers**
The application of super-meticulous capsular dissection in robotic thyroidectomy via unilateral axilla-bilateral areola approach for 921 cases
Linjun Fan, Junze Du, Ye Zhang, Jun Jiang, Yi Zhang
- 10:30 am **Endocrine Video session**
Robotic Transperitoneal Left Adrenalectomy in a Paediatric Patient
Daksh Sethi, Vivek Bindal, Satish Aggarwal, Sudhir Kalhan, Mukund Khetan, Suviraj John

SATURDAY - NOVEMBER 2ND

FOREST AB - SIMULATION & EDUCATIONAL/TRAINING

Chairs: Antonio Gangemi, Monika Hagen, Andrea Moglia

01:00 pm International Robotic school of Grosseto, Italy: our experience of 16 years
Paolo Pietro Bianchi, *Grosseto - Italy*

01:15 pm The UIC Robotic Training Strategy:
A Retrospective View of our Pioneering Work and our Look into the Future
Antonio Gangemi, *Chicago - USA*

01:30 pm Full-cycle Model for Robotic Education, Training, Credentialing,
and Long Term Surveillance
Jeff Levy, *Philadelphia - USA*

01:45 pm Robot teaching, experience, and certification for the resident
James N. Lau, *Stanford - USA*

02:00 pm Use of simulation for training and credentialing in robotic surgery
Dimitrios Stefanidis, *Indianapolis - USA*

02:15 pm The Experience of Nancy center to teach robot-assisted surgery through simulation
Laurent Bresler, *Nancy - France*

02:30 pm See One, Do One, Teach One No more: The Evolving Role of Data and Simulation
in Developing Proficiency in Robotic Surgery
John Lenihan, *Seattle - USA*

02:45 pm SimNow®from da Vinci® - The value of an integrated simulation learning program
Peter Traianou, *Sunnyvale - USA*

03:00 pm The Evolution of Surgical Training in a Digital Surgery Future
Jason Shields, *Cincinnati - USA*

03:15 pm Q&A

SATURDAY - NOVEMBER 2ND

ACADEMY - ABSTRACTS: UPPER GI

Chairs: Fabio Cianchi, Matthew Hartwig, Ichiro Uyama

Upper GI Free papers

- 09:00 am The safety and effectiveness of da Vinci robot “3+2” mode in radical gastrectomy
He Su
- 09:10 am Robotic gastrectomies for gastric cancer. Advantages and disadvantages for patients and surgeons in a Western country
Francesca Bazzocchi, Leonardo Solaini, Mauro Scarpaleggia, Giovanni Bisceglia
- 09:20 am Robotic Laparoscopic Lateral Heller Myotomy Without Fundoplication for Achalasia
Farid Gharagozloo, Mark Meyer, Nabiha Atiquzzmann
- 09:30 am The effects of robotic and laparoscopic-assisted surgery via abdominal-transhiatal approach on Siewert II AEG lymph node dissection and short-term outcomes
Yanbing Zhou, Daosheng wang, Shougen Cao, Xiaojie Tan, Xiaodong Liu, Zhaojian Niu
- 09:40 am Impact of the use of Fluorescence in High Digestive Tract Surgery
James Hamilton S, Carlos Jaspe S, Camila Onetto, Victor González, Hernán Herrera, Héctor Sánchez
- 09:50 am **Upper GI Video session**
Fluorescent lymphography-guided lymphadenectomy during robotic total gastrectomy
Fabio Cianchi, Francesco Coratti, Tommaso Nelli, Cristina Maggioni
- 09:56 am Robot-assisted proximal gastrectomy for gastric cancer in a situs inversus totalis patient and a six-year follow-up study
Baoqing Jia, Hongyi Liu, Peng Li, Fangming Gong, Bing Li, Shaohua Guo
- 10:02 am Robotic Strong procedure to treat superior mesenteric artery syndrome in a child
Konstantinos Konstantinidis, Michael Konstantinidis, Argyrios Ioannidis, Fotios Antonakopoulos, Panagiotis Athanasopoulos, Marinos Makris
- 10:08 am Submucosal Space Robotic and Endoscopic Cooperative Surgery (SS-RECS): A New Surgical Technique for Treating Gastric Submucosal Tumors
Feiyu Shi, Yingchao Li, Junjun She
- 10:14 am Robot-assisted D2 plus Total Gastrectomy using indocyanine green
Graziano Ceccarelli, Walter Bugiantella, Alessandro Pasculli, Michele De Rosa, Alessandro Spaziani, Marcello Boni
- 10:20 am Clinical outcomes of robotic gastric cancer surgery in a Japanese high-volume center
Takahiro Kinoshita
- 10:26 am Esophageal Duplication Tumor: Robotic Handling
James Hamilton S, Carlos Jaspe S, Camila Onetto, Victor González, Hernán Herrera

SATURDAY - NOVEMBER 2ND

ACADEMY - ABSTRACTS: TRANSPLANT - PEDIATRIC

Chairs: Thom E. Lobe, Jose Oberholzer

Transplant - Pediatric Free papers

- 11:00 am Robotic Living Donor Nephrectomy; is it safe alternative
Rauf Shahbazov, Derek Friedman, Ilana Bandler, Sharon Loerzel,
Brian Gallay, Oleh Pankewycz, Mark Laftavi
- 11:10 am Robotic versus Open Kidney Transplant for Morbidly Obese Patients
Seung Duk Lee, **Jose Oberholzer**
- 11:20 am Surgical procedure of pediatric choledochal cyst excision
with da Vinci surgical system: report on 35 cases
Kewei Li, **Bo Xiang**, Xiaolong Xie, Yidong Huang, Fuyu Li, Chuan Wang
- ### Transplant - Pediatric Video session
- 11:30 am Robotic Retroperitoneal Lymph Node Dissection for Paratesticular
Rhabdomyosarcoma in an Adolescent Patient
Ashley Johnston, Ruiyang Jiang, Jona Routh

SATURDAY - NOVEMBER 2ND

ACADEMY - ABSTRACTS: LIVER - BILIARY

Chairs: Alberto Patriti, Chuandong Sun, Xiaoying Wang,

Liver-Biliary Free papers

01:00 pm Comparison of pediatric choledochal cyst excision with da Vinci surgical system with traditional procedures - experience of 35 cases

Bo Xiang, Kewei Li, Shuguan Jin, Xiaolong Xie, Fuyu Li, Chuan Wang

01:10 pm Long term survival in a patient with intrahepatic primarily inoperable cholangiocarcinoma treated by repetitive robotic liver resections without chemotherapy

Evgeny Solomonov, Yousef Taha, Michael Gurevich, Seema Biswas

Liver-Biliary Video session

01:20 pm Robot-assisted one-stage left hepatectomy and right colectomy for synchronous liver metastases

Graziano Ceccarelli, Michele De Rosa, Fabio Ermili, Alessandro Pasculli, Lorenzo Mariani, Walter Bugiantella

01:26 pm Robotic hepatic total caudate lobectomy

Chou Sai, Guo-Dong Zhao, Ming-Gen Hu, Rong Liu

01:32 pm Robotic complex right hepatectomy after chemoembolization for metastatic colorectal carcinoma

Roberto Bustos, Alberto Mangano, Yevhen Pavelko, Mario Masrur, Eduardo Fernandes, Pier C. Giulianotti

SATURDAY - NOVEMBER 2ND

ACADEMY - ABSTRACTS: BARIATRIC

Chairs: Vivek Bindal, Mario Masrur, Erik Wilson

Bariatric Video session

- 02:30 pm Robotic platform represents a good training model for surgical residents in super-morbidly obese patients
Chandra Hassan, Yevhen Pavelko, Antonio Gangemi, Mario Masrur, Francesco M. Bianco, Stephan Gruessner, Roberto Bustos, Pier C. Giulianotti
- 02:36 pm First case report at our institution of fully Robotic Vertical Sleeve Gastrectomy (VSG) in super-super-obese patient. Initial impression and review of literature
Yevhen Pavelko, Stephan Gruessner, Chandra Hassan, Mario Masrur, Antonio Gangemi
- 02:42 pm Robotic-Assisted conversion surgery after failed adjustable Gastric Banding
Graziano Ceccarelli, Marcello Boni, Michele De Rosa, Maria Teresa Federici, Angelo Pio Damiani, Maurizio Longaroni
- 02:48 pm Revisional Surgery: from Vertical Banded Gastroplasty to Gastric Bypass
Mario Masrur, Roberto Bustos, Gabriela Aguiluz, Stephan Gruessner, Alberto Mangano, Pier C. Giulianotti
- 02:54 pm Revisional Surgery due to Weight Loss Failure: Sleeve Gastrectomy to Roux-en-Y Gastric Bypass
Mario Masrur, Roberto Bustos, Valentina Valle, Stephan Gruessner, Alberto Mangano, Pier C. Giulianotti
- 03:00 pm Gastric intussusception after Laparoscopic Sleeve Gastrectomy
James Hamilton S, Carlos Jaspe S, Camila Onetto, Victor González, Hernán Herrera

POSTER

CARDIO-THORACIC

Three-arm Robotic-assisted Segmentectomy: Technical Details and Learning Curve
Muyun Peng, Xiang Wang, Wenliang Liu, Xiao Zhang, Jiabin Li, Zhi Zhou, Wei Xu, Donghua Guo, Lian Tang, Min Zou, Fenglei Yu

A variable assisted port placement method make da Vinci robotic lobectomy safer
Zhehao He, Chong Zhang, Zhitian Wang, Luming Wang, Liping Zeng, Azmat Rustam, Zhengyu Zhou, Wang Lv, Jian Hu

Uni-intercostal procedure for transthoracic surgery used Davinci Xi system, is it feasible?
Bentong Yu, Jian Tang

COLO-RECTAL

Surgical and oncologic outcomes of robotic resection for sigmoid and rectal cancer: a analysis of 109 patients from a single center in China
Zhizhong Pan, Jianhong Peng, Junzhong Lin, Jinghua Tang, Yuan Li, Lingheng Kong, Xueying Li

Initial outcomes of robotic surgery for rectal cancer
Hajime Morohashi, Yoshiyuki Sakamoto, Takuya Miura, Yusuke Hagiwara, Anri Kaneta, Kenichi Hakamada

Low severe morbidity and high sphincter-preservation of robotic surgery for lower rectal cancer
Takuya Miura, Yoshiyuki Sakamoto, Hajime Morohashi, Anri Kaneta, Yusuke Hagiwara, Kenichi Hakamada

Robotic lateral lymph node dissection for low advanced rectal cancer after preoperative (Chemo)radiotherapy: short-term surgical outcomes and Urinary function
Feiyu Shi, Guanghui Wang, Chenhao Hu, Junjun She

The impact of learning curve in robotic rectal cancer surgery on histopathologic outcomes: A systematic review and meta-analysis
Hanjoo Lee, Mahir Gachabayov, Aram Rojas, Roberto Bergamaschi

POSTER

COLO-RECTAL

Introduction to and status of gastrointestinal robotic surgery:

Experience in a regional university

Koichi Takiguchi, Shinji Furuya, Makoto Sudoh, Isamu Tsukahara, Hiroki Shimizu, Ryo Saito, Kazunori Takahashi, Atsushi Yamamoto, Suguru Maruyama, Naoki Ashizawa, Masato Omori, Yuko Nakayama, Yuuki Nakata, Ayako Kimura, Hidemori Akaike, Naohiro Hosomura, Yoshihiro Kawaguchi, Hidetake Amemiya, Hiromichi Kawaida, Shingo Inoue, Hiroshi Kono, Daisuke Ichikawa

Impact of robotic learning curve on circumferential resection margin and quality of total mesorectal excision in rectal cancer. A pooled analysis

Aram Rojas, Mahir Gachabayov, Hanjoo Lee, Roberto Bergamaschi

HERNIA

Outcomes of Robot-assisted and Laparoscopic Inguinal Hernia Repairs in Obese Patients

Michael Chen, Ronak Patel, Zaid Zayyad, Jessica Mulica, Natalia Jelen, Yevhen Pavelko, Francesco M. Bianco

LIVER

Harmonic scaple technique of robotic liver resection: how we approach it

Chuangdong Sun

Learning Curve for Robotic Left Hemihepatectomy:

the first 100 consecutive cases at a high-volume robotic center

Qu Liu, Tao Zhang, Minggen Hu, Zhiming Zhao, Xuan Zhang, Chenggang Li, Rong Liu

PANCREAS

Outcome of robotic asistanted pancreaticoduodenectomy during the initial learning curve vs laparotomy

Jiangjiao Zhou, Heng Zou, Li Xiong, Xiongying Miao, Zhongtao Liu, Juan Liu, Yu Wen

Implementation of a new Hepato-pancreato-biliary program with robotic surgery in the community setting

Daniel DelloStritto, Frances McCarron, Thomas Chirichella

POSTER

PANCREAS

An up-to-date meta-analysis of robotic-assisted versus open distal pancreatectomy
Jiangjiao Zhou, Heng Zou, Zhongtao Liu, Li Xiong, Yu Wen

Robot-assisted distal pancreatectomy:

different strategies for the pancreatic stump management in comparison

Matteo Palmeri, Gregorio Di Franco, Desirée Gianardi, Niccolò Furbetta, Simone Guadagni, Matteo Bianchini, Lorenzo Maria Fatucchi, Gianni Stefanini, Valentina Pucci, Chiara Becucci, Giulio Di Candio, Franco Mosca, Luca Morelli

SINGLE SITE

Robotic Single Port (SP) cholecystectomy, Initial experience

Francesco M. Bianco, Yevhen Pavelko, Valentina Valle, Roberto Bustos, Alberto Mangano, Natalie Jelen, Eric Zielenski, Jessica Mulica, Pier C. Giulianotti

TECHNOLOGICAL INNOVATION

Can Application of Placental Amniotic Chorion-Free Allograft During Robotic Ventral Hernia Repair Decrease Rate of Seroma? Retrospective Analysis

Thomas J. Shaknovsky

UPPER GI

Short term outcome of robot assisted gastrectomy using

da Vinci surgical system (DVSS) for resectable gastric cancer

Yoshihiro Hiramatsu, Hirotoshi Kikuchi, Akira Sekimoto, Sanshiro Kawata, Amane Hirotsu, Wataru Soneda, Tomohiro Matsumoto, Kinji Kamiya, Hiroyuki Konno, Hiroya Takeuchi

Robot assisted sentinel node navigation surgery for early gastric cancer

Tomohiro Matsumoto, Yoshihiro Hiramatsu, Akira Sekimoto, Wataru Soneda,

Sanshiro Kawata, Amane Hirotsu, Hirotoshi Kikuchi, Kinji Kamiya, Hiroyuki Konno, Hiroya Takeuchi

Short term outcome of robotic assisted gastrectomy for gastric cancer

Noriyuki Inaki, Ryota Matsui, Tohru Takahashi, Kunnihiro Nagakari, Yoichi Ishizaki

Comparison of short-term outcomes between robotic and laparoscopic distal gastrectomy for gastric cancer

Yuma Ebihara, Yo Kurashima, Soichi Murakami, Toshiaki Shichinohe, Satoshi Hirano

POSTER

UPPER GI

Minimal invasive approach to total gastrectomy for gastric cancer: retrospective cohort study

*Kenji Kikuchi, Ichiro Uyama, Koichi Suda, Susumu Shibasaki,
Ken-ichi Nakamura, Yasuhiro Tsuru*

Fluorescent lymphography-guided lymphadenectomy during robotic surgery for gastric cancer: a matched cohort study

*Fabio Cianchi, Francesco Coratti, Tommaso Nelli, Cristina Maggioni,
Claudia Mongelli, Benedetta Badii*

Clinical advantages of robotic distal gastrectomy for gastric cancer patients with high body mass index

Akiko Serizawa, Kiyooki Taniguchi, Sho Kotake, Kazuomi Suzuki, Masakazu Yamamoto

Robotic gastrectomy in our department

Sho Kotake, Kiyotaka Taniguchi, Kazuomi Suzuki, Akiko Serizawa, Masakazu Yamamoto

Induction of robot gastrectomy in this hospital

Kiyooki Taniguchi

Intraoperative indocyanine green fluorescence imaging of the pancreatic tail in robotic total gastrectomy with splenectomy

*Yasuhiro Tsuru, Susumu Shibasaki, Yuuko Nakano, Kenji Kikuchi,
Koichi Suda, Kazuki Inaba, Ichiro Uyama*

A case of successful radical robotic gastrectomy for advanced gastric cancer with paraaortic lymph node metastasis after preoperative chemotherapy

*Yuko Nakano, Kenji Kikuchi, Yasuhiro Tsuru, Kazumitsu Suzuki, Kazuhiro Mastuo, Ai Goto,
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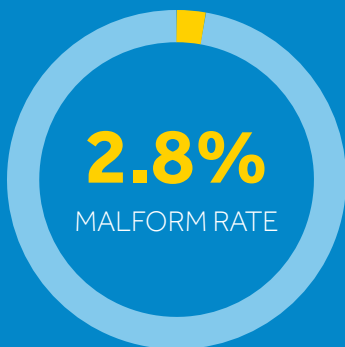
LOWER COMPLICATION RATES.^{1,2,†}

In bariatric procedures, laparoscopic surgery produces superior results compared to robotic surgery.¹⁻³

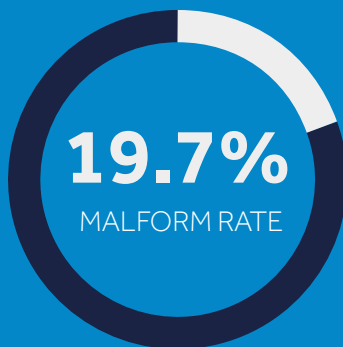


LOWER MALFORMED STAPLE RATE^{3,‡}

Signia™ stapling



Intuitive™** stapling[§]



LOWER LEAK RATE^{2,†}

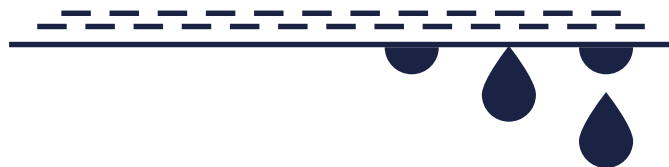
0.5%

LAPAROSCOPIC SURGERY

1.5%

ROBOTIC SURGERY

3.0X
LOWER



Contact your Medtronic representative to learn more.

†Based on an analysis of more than 75,000 sleeve gastrectomy cases.

‡Preclinical or bench test results may not correlate with clinical performance.

§EndoWrist™ staplers.

1. Hagen ME, Jung MK, Fakhro J, et al. Robotic versus laparoscopic stapling during robotic Roux-en-Y gastric bypass surgery: a case-matched analysis of costs and clinical outcomes. *Surg Endosc*. 2018;32(1):472-477.

2. Fazl Alizadeh R, Li S, Inaba CS, et al. Robotic versus laparoscopic sleeve gastrectomy: a MBSAQIP analysis. *Surg Endosc*. 2018. doi: 10.1007/s00464-018-6387-6. [Epub ahead of print]

3. Based on internal test report #PCG-029, Intuitive Surgical™** stapling competitive analysis. Tri-Staple™ technology and Intuitive™** staplers were fired in ex vivo porcine stomach in similar locations with comparable tissue thicknesses; tissue was evaluated for cutline quality and damage immediately after firing. November 2016.

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