

A photograph of an operating room with surgeons in blue scrubs and masks, illuminated by overhead surgical lights.

4th Worldwide Congress



CLINICAL
ROBOTIC
SURGERY
ASSOCIATION



Clinical Robotic Surgery Association

September 27th - 29th, 2012, Chicago 2012



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CRSA

a Global Network of Robotic Surgeons
to share new techniques and teach in-training surgeons

Congress Highlights:

- **140 Lectures**
- **173 Abstracts - Video and Oral Presentations, Posters**
- **2 Live Surgeries**
- **2 Virtual Surgeries**
- **Consensus Conference**

Surgical experiences from 87 cities around the world:

Abington, Albany, Alessandria, Amsterdam, Athens, Augusta, Bangor, Beijing, Berlin, Birmingham, Bochum, Brescia, Bucarest, Brno, Bunkyo-ku, Chai Wan, Chicago, Chongqing, Cleveland, Daegu, Dayton, Detroit, Durham, Flint, Fujita, Forlì, Gainesville, Gent, Geneva, Great Neck, Grosseto, Gurgaon, Henderson, Hoboken, Hong Kong, Houston, Kansas City, Jesi, Irvine, Leeds, Lille, Loma Linda, London Madison Heights, Madrid, Maywood, Miami, Milan, Modena, Moscow, Nancy, Nanjing, New Delhi, New York, New Orleans, Nuoro, Oakland, Okayama-City, Orange, Orlando, Palermo, Philadelphia, Pittsburgh, Poggibonsi, Pisa, Praha, Ridgewood, Rochester, Rome, Saginaw, São Paulo, Seattle, Standford, Seoul, Shanghai, Shenyang, Spoleto, Strasbourg, Tampa, Toyoake, Tucson, Verona, Villeurbanne, Washington, Wonju, Wroclaw.

26 Countries

Australia, Belgium, Brazil, Canada, China, Czech Republic, Colombia, Egypt, France, Germany, Greece, Guatemala, Hong Kong, India, Israel, Italy, Japan, Korea, México, Netherlands, Philippines, Poland, Romania, Russian Federation, Spain, Sweden, Switzerland, Taiwan, UK, USA.



2012

INVITATION LETTER



Dear Colleagues,

On behalf of the Clinical Robotics Surgery Association it is my great pleasure to extend an invitation to the 4th annual World Wide Congress on Clinical Robotics and Surgical Innovation to be held in Chicago, Illinois, on September 27 -29, 2012

CRSA has continued to grow over the past year with increasing membership and interest in the society. As acceptance and development of robotics continues, so does interest and membership in the CRSA.

We are overwhelmed as in the past year we have attracted a growing number of surgeons who have chosen CRSA as their source of reference for general robotic surgery. Your response has been amazing and we are happy to have filled that need of having a point of reference in the medical community. CRSA has continued to evolve as the leader in general robotic surgery. The 2012 Congress has been designed to provide a comprehensive overview of the latest technological developments in robotic surgery. We are excited to host a highly collaborative welcome dinner showcasing key industry leaders and their new technologies. This is sure to create great excitement and interaction leading into the main scientific sessions. The congress will once again offer many live surgery experiences to educate in current techniques of robotic procedures. We anticipate offering hand-on courses in single-incision robotic surgery, in partnership with the Institute of Advanced Robotic Surgery (IARS) at the University of Illinois. We welcome you to take an active part in the scientific program, which will be presented during the congress. This meeting will offer a high quality scientific program of interest to surgeons, residents and fellows. Papers will be presented in the form of plenary sessions, videos and posters and will include an excellent scientific material carefully selected by the Scientific Abstract Review committee.

We look forward to seeing you in Chicago

Yours sincerely,
Alessio Pigazzi, MD, FACS
CRSA President 2012

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PROGRAM HIGHLIGHTS

- Surgical Innovations Dinner: Latest advances in surgical technologies
- Colorectal Course: Proctored Training in colorectal surgery
- Simulation in Robotic Surgery
- Live Surgical Cases, broadcast from the world-renowned University of Illinois Robotic General Surgery Program
- Expert Panel Discussions on latest robotic technology developments, including DaVinci Firefly Fluorescence Imaging, stapling and vessel sealing
- Lake Michigan Cruise and Architectural Tour

CRSA SPECIAL SESSION

- HPB Robotic Surgery
- Bariatric Robotic Surgery
- Colon and Rectal Robotic Surgery
- Cardiac and Thoracic Robotic Surgery
- Endocrine and Upper GI Robotic Surgery
- Oncological Robotic Surgery
- Advanced Applications of Robotic Surgery



2012

SCIENTIFIC ORGANIZING COMMITTEE

CRSA BOARD

Alessio Pigazzi – President

Assistant Professor – University of California - Irvine
Specialty Interest – Colorectal Surgery

Ninxing Zhou – Secretary

Beijing, China
Specialty Interest – HPB

Mark Dylewski – Treasurer

Baptist Health, South Florida
Specialty Interest: Thoracic Surgery

Erik Wilson – Past President

Associate Professor – University of Texas
Specialty Interest: Bariatric Surgery

Enrico Benedetti – Vice President

Professor – University of Illinois
Specialty Interest – Transplant

Pier Cristoforo Giulianotti – Past President

Professor – University of Illinois
Specialty Interest: HPB

Laurent Bresler – Elect President

Professor – Nancy University,
Specialty Interest: General Surgery



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REGISTRATION FEE

	Early Registration Prior to August 30, 2012	Full Registration
Members		
MDs	\$500.00	\$600.00
One Day Only	—	\$350.00
Residents, Fellows, Med. Students, Allied Health	\$75.00	\$100.00
Nurses	\$75.00	\$100.00
Invited speakers	FREE	FREE
Non-members		
MDs	\$600.00	\$700.00
One Day Only	—	\$400.00
Residents, Fellows, Med. Students, Allied Health	\$100.00	\$150.00
Nurses	\$75.00	\$100.00
CRSA Cocktail reception/dinner September, 28 th	\$75.00	\$ 75.00

* The cost of CRSA cocktail reception/dinner will be \$125.00 for on-site purchase.

CONGRESS VENUE

JW MARIOTT HOTEL
151 West Adams
Chicago, Illinois 60603 USA
Phone: 1-312-660-8200

Located in the downtown Chicago, The JW Marriott is a newly opened luxury hotel in the heart of the financial district, offering easy access to all the attraction of downtown Chicago, and all the amenities of a luxury hotel. The hotel offers 40 meeting rooms covering 44,000 square feet.



2012

SURGICAL INNOVATIONS DINNER

September 27, 2012 6:30pm Burnham Hall

“Industry Leaders discuss the latest innovations in surgical technology and the future of surgery”

Significance: This unique event gives participants the opportunity to hear from industry leaders their vision of the future of surgery and surgical innovations, and gives industry the chance to address the surgical community and debate the future direction of surgical practice.

Major Sponsors:

Intuitive surgical, Covidien, Ethicon

Dinner Tickets: \$150

CRSA MID-CONGRESS SOCIAL EVENT

Spirit of Chicago Cruises at Navy Pier



**THE MOST ENTERTAINING WAY TO SEE AND EXPERIENCE CHICAGO.
FRIDAY SEPTEMBER, 28th, 2012**

Bus Transportation leaves promptly from the J.W. Marriot Hotel at 7.00 pm

The Spirit of Chicago delivers the most entertaining and unique combination of dining, dancing, entertainment and spectacular views. Cruising year-round from Chicago's famous Navy Pier, the Spirit of Chicago offers Lunch, Brunch, Dinner, Cocktail, Moonlight Cruises and much more!

Visit the Spirit of Chicago Cruises website

<http://www.spiritofchicago.com/Chicago/2011-renovation>

www.clinicalrobotics.com

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FRIDAY SEPTEMBER, 28
GENERAL SESSION ROOM

07.00 Registration and Breakfast

07.30 **Lecture: Containing costs and making robotic surgery profitable**
hospital administration focus
Marilyn Schock

08.00 - 10.00 SINGLE PORT SESSION

Chairs: Anthony Gonzalez, Giuseppe Spinoglio

08.00 **Patient selection & accessory ports**
William Norwood

08.10 **Rapid robot training to Single site**
Bruce Mcintosh

08.20 **Difficulties with port placement, tips & tricks**
Konstantinos Konstantinidis

08.30 **Retraction devices for robotic single site**
Francois Pugin

08.40 **Single site robotic vs single incision laparoscopic**
Giovanni Pietro Paolo Gusai

08.50 **What's going on in Europe**
Giuseppe Spinoglio

09.00 **What we have learned in the US**
Anthony Gonzalez

09.10 Q & A





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**FRIDAY SEPTEMBER, 28
GENERAL SESSION ROOM**

10.00 - 12.00 LIVE SURGERY (from UIC OR 12 & 14)

Chairs: Massimo Malago, Cheng Hong Pen, Vincent Obias

10.00 Live Surgery from UIC OR 12-14

Subspecialty: Bariatric

Procedure: **Gastric bypass**

Surgeon: Enrique F. Elli

Discussants: Erik Wilson, Ranjan Sudan

Subspecialty: HPB

Procedure: **Robotic Distal Pancreatectomy**

Surgeon: Pier Cristoforo Giulianotti

Discussants: Alberto Patriti, Chung Ngai Tang

10.00 Virtual Surgery – Unedited Videos

Subspecialty: Colon

Procedure: **Robotic TME with nerve sparing and fluorescence**

Surgeon: Giuseppe Spinoglio

Discussant: Paolo Pietro Bianchi

Subspecialty: HPB

Procedure: **Whipple**

Surgeon: Andrea Coratti

Discussant: Philippe Bachellier

12.00 - 01.00 WELCOME REMARKS, LECTURE AND LUNCH - BURNHAM BALLROOM

12.00 Welcome Remarks
Alessio Pigazzi, Enrico Benedetti

12.20 Videconference from Strasbourg, France
State of the art: the perspectives of implemented, virtual images in surgery
Jacques Marescaux



**FRIDAY SEPTEMBER, 28
GENERAL SESSION ROOM**

01.00- 03.00 SPECIALTY SESSION: HPB PANCREAS

Chairs: Michael Kendrick, Baiyong Shen, Steven Hughes

01.00 **Laparoscopic pancreatectomies**
Steven Hughes

01.10 **Robotic Whipples**
Herbert Zeh

01.20 **The difficult uncinata**
Francesco Bianco

01.30 **Robotic Reconstruction in whipple**
Ugo Boggi

01.40 **Hybrid approaches**
Michael Kendrick

01.50 **Outcome in robotic distal pancreatectomies**
Amer Zureikat

02.00 **Central Pancreatectomies**
Baiyong Shen

02.10 **Robotic pancreatectomies in Japan**
Masahiro Ito



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FRIDAY SEPTEMBER, 28
GENERAL SESSION ROOM

01.00- 03.00 SPECIALTY SESSION: HPB PANCREAS

SELECTED ABSTRACTS

- 02.20 **Distal pancreatectomy: a comparison of short-term perioperative outcomes between robotic and laparoscopic approach**
Benizri E, **Germain A**, Ayav A, Bernard JI, Benchimol D, Bresler L , Brunaud L
- 02.25 **Robot-assisted laparoscopic distal pancreatectomy versus conventional laparoscopic distal pancreatectomy – a comparative study**
LAI Eric C.H., TANG Chung Ngai, YANG George P.C., CHAN Oliver C.Y.,
- 02.30 **Robot-assisted pancreatic resections for pancreatic and periampullary cancers: oncological outcomes.**
De Lio N, **Rosati CM**, Belluomini MA, Costa F, Gennai A, Signori S, Perrone VG, Vistoli F, Boggi U
- 02.35 **Robotic assisted pancreato-enterostomies: analysis of risk factors for development of anastomosis related complications**
Fernandes E, Contino G, Masrur M, Wang G, Bianco F, Giulianotti PC
- 02.40 **Reconstruction of digestive tract in robotic pancreatic surgery-pancreaticojejunostomy or pancreaticogastrostomy**
Peng Chenghong
- 02.45 Q & A



FRIDAY SEPTEMBER, 28
GENERAL SESSION ROOM

03.00 - 05.00 SPECIALTY SESSION: HPB LIVER

Chairs: Chung Ngai Tang, David Bartlett

03.00 **Challenges of major hepatectomies**
Pier Cristoforo Giulianotti

03.10 **Robot-Assisted Parenchymal-preserving liver resections**
Luciano Casciola, Alberto Patriti

03.20 **Intraoperative strategies for optimizing resection margin**
Sricharan Chalikonda

03.30 **Limits of laparoscopic resection**
Andrew Gumbs

03.40 **Robotic Biliary Surgery: how far can we go ?**
Chung Ngai Tang

03.50 **Hepatico jejunostomies**
Luca Milone

04.00 **Biliary tumors**
Ningxin Zhou

04.10 **Robotic Liver Resection: does it make a difference to laparoscopic liver resection ?**
Kit Fai Lee

04.20 **Evaluation of margins in minimallyinvasive liver resections for cancer**
David Bartlett

04.30 **Robotic Hepatectomy for Hepatolithiasis**
Eric Lai

04.40 Q & A



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FRIDAY SEPTEMBER, 28 BREAKOUT ROOM A

07.00 Registration and Breakfast

08.00 - 11.40 FREE PAPERS, HPB

Chairs: Ugo Boggi, Bai Yong Shen, Pietro Addeo

11.40 - 12.00 FREE PAPERS - VIDEO SESSION ONCOLOGY

Chairs: Gianmarco Contino, Vladimir Schraibman

01.00 - 01.30 FREE PAPERS, ENDOCRINE

Chairs: Eren Berber, Micaela Piccoli, June Young Choi

01.50 - 02.50 FREE PAPERS - VIDEO SESSION, BARIATRIC

Chairs: Michelle Toder, James Colella, Luca Milone

02.50 - 05.10 FREE PAPERS, COLORECTAL

Chairs: Gary Ballantyne, Paolo Pietro Bianchi, Graziano Pernazza

for complete list of abstracts please go to page 28



**FRIDAY SEPTEMBER, 28
BREAKOUT ROOM B**

07.00 Registration and Breakfast

08.00 - 10.00 SPECIALTY SESSION: BARIATRIC

Chairs: Erik Wilson, Subhashini Ayloo, Ranjan Sudan

08.00 **Adjustable gastric banding: Role of robotic platform and its utility**
Noel Williams

08.10 **Pro robotic bariatric surgery**
Joseph Colella

08.20 **From Concept to Reality: Evolution of robotic gastric bypass and its modeling to other fields**
Miriam Curet

08.30 **Cost effectiveness of robotic bariatric surgery**
Phillipe Morel

08.40 **Robotic biliopancreatic diversion with duodenal switch**
Ranjan Sudan

08.50 **Long term evolution of a robotic bariatric program**
Michelle Toder

09.00 **Prospective of growing a new robotic bariatric program**
Colin Braithwaite

09.10 **Robotic 4th Arm: Right or Left Escort ?**
Subhashini Ayloo

09.20 **Difficult robotic bariatric surgery**
Erik Wilson

SELECTED ABSTRACTS

09.30 **Robotic Sleeve Gastrectomy: An experience of 134 cases**
Gonzalez A, Seetharamaiah R, Donkor C, Romero R, Kosanovic R, Rabaza J

09.40 **Robotically-assisted Laparoscopic Biliopancreatic Diversion with Duodenal Switch. Four Year Experience With Robotic System in Bariatric Surgery**
Sucandy I, Antanavicius G

09.50 Q & A



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**FRIDAY SEPTEMBER, 28
BREAKOUT ROOM B**

10.00 - 12.30 SPECIALTY SESSION: CARDIO THORACIC AND VASCULAR

Chairs: Mark Dylewski, Bernard Park, Petr Stadler

- 10.00 **Robotic Repair of Intrathoracic Stomach and Complex Benign Disorders of the Esophagus**
Richard Lazzaro
- 10.10 **Building a successful Multi-specialty Robotic Surgical Program – A Thoracic Surgeon's Perspective**
Mark Dylewski
- 10.20 **Limited resection for early stage lung cancer, the role of robotic approach**
Giulia Veronesi
- 10.30 **Early survival data for NSCLC treated by robotic-assisted pulmonary resection**
Bernard Park
- 10.40 **Mediastinal Tumors – The role of robotic-assisted surgery**
Brian Louie
- 10.50 **Robotic-assisted esophageal resection for malignant disease**
Abbas Abbas
- 11.00 **VATS vs. Robotics The Duke University experience**
Mark Onaitis
- 11.10 **Left- or right-sided approach for robotic thymectomy**
Jens Rueckert



**FRIDAY SEPTEMBER, 28
BREAKOUT ROOM B**

- 11.20 **Robotic Aortic Surgery: The New Frontier**
Judith Lin
- 11.30 **Total robotic aortoiliac reconstruction: a review of 48 cases.**
Frédéric Beck
- 11.40 **Experiences in the field of robotic vascular surgery, 233 cases**
Petr Stadler
- 11.50 **Robotic Aortic Surgery: where will it go in the endovascular era ?**
W. Wisselink
- 12.00 **Analysis of the learning curve of robot-assisted laparoscopic aortofemoral bypass**
Tomas Novotny
- 12.10 Q&A



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**FRIDAY SEPTEMBER, 28
BREAKOUT ROOM B**

01.00 - 03.00 COMPLEX CASES

Chairs: Anusak Yiengpruksawan, Alberto Patriti

01.00 **Robotic resection of a mediastinal parathyroid adenoma in the prone position**
Laurent Bresler

01.10 **RUL lobectomy with bronchoplasty**
Bernard Park

01.20 **A revisioned gastrectomy**
Anusak Yiengpruksawan

01.30 **Robot-assisted total gastrectomy combined with splenectomy and distal pancreatectomy**
Koichi Suda

01.40 **Foregut, bariatric**
Ranjan Sudan

01.50 **Laparoscopic posterior liver segments**
Roberto Troisi

02.00 **Robotic posterior liver segments**
Luciano Casciola, Alberto Patriti

02.10 **Difficult pancreatic cases**
Herbert Zeh

02.20 **A difficult gynecological case**
William Burke

02.30 **Redo Bariatric surgery**
Erik Wilson

02.40 Q & A



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**FRIDAY SEPTEMBER, 28
BREAKOUT ROOM B**

03.00 - 05.00 SPECIALTY SESSION: ENDOCRINE

Chairs: Laurent Bresler, Eren Berber

PANEL ON THE COMPARISON OF DIFFERENT ROBOTIC APPROACHES TO THE THYROID

03.00 **Transaxillary robotic**
Micaela Piccoli

03.10 **Retroauricular**
Dave Terris

03.20 **BABA**
June Young Choi

03.30 Q & A

PANEL ON MINIMALLY INVASIVE APPROACHES TO THE PARATHYROID GLANDS

03.40 **Video-assisted**
Paolo Miccoli

03.50 **Totally laparoscopic lateral**
Laurent Bresler

04.00 **Robotic transaxillary**
Eren Berber

04.10 Q & A

PANEL ON DIFFERENT MINIMALLY INVASIVE APPROACHES TO THE ADRENAL

04.20 **Trans abdominal robotic approach of adrenal gland**
Laurent Bresler

04.30 **Posterior robotic**
Eren Berber

04.40 **Single port laparoscopic**
Martin Walz

04.50 Q & A



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FRIDAY SEPTEMBER, 28 BREAKOUT ROOM C

07.00 Registration and Breakfast

08.00 - 08.50 FREE PAPERS, THORACIC

Chairs: Shu Min Wang, Giulia Veronesi

09.00 - 10.10 FREE PAPERS SURGICAL SIMULATION AND TRAINING/EXPERIMENTAL RESEARCH

Chairs: Antonio Gangemi, Mario Masrur

10.15 - 11.15 VIDEO SESSION UPPER GI

Chairs: Carlos Galvani, Bao Qing Jia, Parveen Bathia

11.20 - 12.00 VIDEO SESSION, ENDOCRINE

Chairs: Eren Berber, Micaela Piccoli, June Young Choi

01.00 - 02.30 VIDEO SESSION, COLORECTAL

Chairs: Vladimir Schraibman, Emilio Vicente, Edoardo Parra Davilla

02.30 - 03.00 VIDEO SESSION, SURGICAL INNOVATION-SIMULATION AND TRAINING

Chairs: Antonio Gangemi, Mario Masrur

for complete list of abstracts please go to page 28



**FRIDAY SEPTEMBER, 28
BREAKOUT ROOM C**

03.00 - 05.00 ROLARR RANDOMIZED CLINICAL TRIAL: PRESENTATION AND DISCUSSION

Chairs: Alessio Pigazzi, David Jayne

ROLARR US participants

Welcome

David Jayne

Trial background & Update

David Jayne

ROLARR: UK Experience

David Jayne

ROLARR: Italian Experience

Paolo Bianchi

ROLARR: US Experience

Alessio Pigazzi

Introduction to the US spoke

Alessio Pigazzi

Round table discussion:

Local experience and arrangements

Frequently asked questions

Julie Croft

Concluding remarks & Close

David Jayne



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**SATURDAY SEPTEMBER, 29
GENERAL SESSION ROOM**

07.00 Registration and Breakfast

07.30 - 12.00 SPECIALTY SESSION: COLORECTAL

Chairs: Alessio Pigazzi, Gyu Seog Choi

PART 1

07.30 **Surgical ergonomics: does the robot help the surgeon or do we just need to learn how to do laparoscopy?**
Gary Ballantyne

07.40 **Does robotic surgery help in the Obese and why?**
Slawomir Marecik

07.50 **Robotic – specific challenges and injuries what do we need to know?**
Sonia Ramamoorthy

08.00 **Preoperative evaluation of the rectum: what to watch for when planning a robotic approach**
Minia Hellan

08.10 **Preoperative evaluation and management of metastatic colorectal disease - does minimal access surgery matter?**
Maneswari Senthil

08.20 **Nonoperative management of clinical complete response. How long will the surgeon be relevant for?**
Paolo Pietro Bianchi

SELECTED ABSTRACT

08.30 **Outcome of 83 patients with robotic rectal resection**
Law WL, Fan JKM

08.40 Q&A



**SATURDAY SEPTEMBER, 29
GENERAL SESSION ROOM**

PART 2

- 09.10 **Fluorescence in Colorectal Surgery: Beyond the air leak test?**
Giuseppe Spinoglio
- 09.20 **Intracorporeal anastomosis- Is it better**
Henry Lujan
- 09.30 **Complete mesocolic excision. What does it mean and how to do it?**
Luca Giordano
- 09.40 **Single port: ready for primetime?**
Vincent Obias
- 09.50 **Transanal robotic surgery**
Sergio Larach
- 10.00 Q&A

PART 3

- 10.30 **Rectal prolapse surgery in the robotic era**
Joseph Carmichael
- 10.40 **The autonomic pelvic nerves: what and where they are**
Fabrizio Luca
- 10.50 **Transanal-assisted proctectomy. Who needs a robot?**
Eduardo Parra Davila
- 11.00 **Natural orifice extraction approaches**
Gyu Seog Choi
- 11.10 **Updates on Surgical Rectal Cancer trials**
David Jayne
- 11.20 **Teaching residents and fellows: what should be the standard?**
Jorge Marcet
- 11.30 Q&A



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SATURDAY SEPTEMBER, 29
GENERAL SESSION ROOM

12.00 - 01.00 LUNCH AND LECTURE

State of the art - Pediatric Robotic Surgery
John Meehan

01.00 - 03.00 HOW I DO IT: BEST TRICKS

Chairs: Paolo Pietro Bianchi, Nicolas Buchs, Carlos Galvani

01.00 **Simultaneous robotic resection of rectal and gastric cancer**
Gyu Seog Choi

01.10 **Robotic rectopexy**
Laurent Bresler

01.20 **Biliodigestive reconstruction after robotic Whipple procedure**
Antonio Macedo

01.30 **Robotic gastric by-pass**
Francois Pugin

01.40 **Mediastinal dissection of hernia sac in paraesophageal hernias**
Carlos Galvani

01.50 **The Kocher Manoeuvre**
Gianmarco Contino

02.00 **How to set up for totally robotic gastric bypass**
Michelle Toder

02.10 **Lymphatic mapping with ICG fluorescence imaging**
Giuseppe Spinoglio

02.20 **Transaxillary robotic total thyroidectomy: how best to expose the contralateral side**
Micaela Piccoli

02.30 Q&A

03.00 - 05.00 CONSENSUS CONFERENCE CRSA/INTERNATIONAL CHAPTERS - BURNHAM BALLROOM

Chairs: Alessio Pigazzi, Laurent Bresler, Chung Ngai Tang

Coordinator: Antonio Gangemi

05.00 CLOSING REMARKS / AWARD CEREMONY AND ANNOUNCEMENT OF 2013 CONGRESS

Laurent Bresler



SATURDAY SEPTEMBER, 29
BREAKOUT ROOM A

08.00 - 10.00 ICG FLUORESCENCE IN ROBOTIC SURGERY

Chairs: Pier Cristoforo Giulianotti, Gianmarco Contino

- 08.00 **Basic concepts on ICG fluorescence in Robotic Surgery**
David Calatayud
- 08.10 **Colorectal indications to ICG fluorescence**
Giuseppe Spinoglio
- 08.20 **ICG fluorescence in general and hepatobiliary surgery**
Pier Cristoforo Giulianotti
- 08.30 **ICG fluorescence in Urological surgery**
Ashok K. Hemal
- 08.40 **ICG fluorescence in thymectomy**
Brian Louie
- 08.50 **Experience in colorectal surgery**
Vincent Obias
- 09.00 **Fluorescent sentinel lymph node mapping in robotic surgery**
Elizabeth Jewell
- 09.10 **Application of ICG fluorescence to single site cholecystectomy**
Philippe Morel
- 09.20 **Experience in partial nephrectomy**
Dragan Golijanin
- 09.30 **Future perspectives of Fluorescence in Robotic Surgery**
Greg Pellegrino
- 09.40 Q&A



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SATURDAY SEPTEMBER, 29
BREAKOUT ROOM A

10.00 - 12.00 SPECIALTY SESSION: UPPER GI

Chairs: Antonio Macedo, Enrique Fernando Elli

10.00 **Gerd and hiatal -paraesophageal hernia**
Farid Gharagozloo

10.10 **Redo operations**
Vladimir Schraibman

10.20 **Robot Assisted treatment of esophageal diverticula**
Carlos Galvani

10.30 **Gastric cancer**
Antonio Macedo

10.40 **Achalasia**
Enrique Fernando Elli

10.50 **Robotic gastrectomy for gastric cancer: long term results**
Andrea Coratti

11.00 **Robotic gastrectomy in japan**
Koichi Suda K.

11.20 **Robotic esophagectomy**
Zane T. Hammoud

SELECTED VIDEOS

11.30 **Robot-assisted subtotal gastrectomy and D2 lymphadenectomy with Hirtle artery preservation**
G. Pernazza, G. Lucandri, P. Mazzocchi, I. Monsellato, A. D'Annibale,

11.35 Q&A



SATURDAY SEPTEMBER, 29
BREAKOUT ROOM A

**01.00 - 03.00 OR OF THE FUTURE AND NEW TECHNOLOGY ROBOTICS
AND AUTOMATION IN SURGERY**

Chairs: Irfan Ahmed, Seth Hutchinson, Pier Cristoforo Giulianotti

01.00 **Predictable Response in Unpredictable Circumstances**
Naira Hovakimyan

01.10 **Mechanical and Biological Robotic Systems**
Timothy Bretl

01.20 **Safety Critical System Integration Architecture for Surgical Robots**
Lui Sha

01.30 **Stretchable Electronics for Biointegrated Sensors for Mapping**
John Rogers

01.40 **Translational Research on Micro and Nanobionics Devices for Biomedical Applications**
G. Logan Liu

01.50 **Microfluidics and Nanotechnology for Biology and Medicine**
Rashid Bashir

02.00 **Micro Probes and Actuators as Potential Surgical Tools**
Taher Saif

02.10 **Image Registration and Reconstruction**
David Forsyth

02.20 **Quantitative Molecular Histopathology
by Nonlinear Interferometric Vibrational Imaging**
Rohit Bhargava

02.30 **The OR of the future: a vision**
Arturo Vittori, Andreas Vogler, Pier Cristoforo Giulianotti

02.50 Q & A



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**SATURDAY SEPTEMBER, 29
BREAKOUT ROOM B**

07.30 - 09.50 VIDEO SESSION, HPB

Chairs: Massimo Malagò, Eduardo Fernandes

10.00 - 12.00 SPECIALTY SESSION: TRANSPLANT

Chairs: Enrico Benedetti, Jose Oberholzer

10.00 Robotic Donor Nephrectomies: Northwestern Experience

J. Leventhal

10.15 Robotic Donor Nephrectomies

Ari J. Cohen

10.30 Single port donor nephrectomies

Rolf Barh

10.45 Robotic Kidney Transplantation

Jose Oberholzer

11.00 Robotic donor nephrectomy at the University of Illinois: 12 Year's Experience.

Ivo G. Tzvetanov

SELECTED ABSTRACT

11.15 Robotic right hepatectomy for adult living related liver transplantation: first case in Italy

Spada M, Boggi U, Pagano D, Cintonino D, Li Petri S, Ricotta C, Argento J. R, Gruttadauria S, Gridelli B

11.25 A porcine surgical model designed for robot-assisted kidney transplantation training

Gheza F, Tzvetanov I, Masrur MA, Oberholtzer J, Giulianotti PC, Benedetti E.

11.25 Q&A



SATURDAY SEPTEMBER, 29
BREAKOUT ROOM B

01.00 - 02.00 FREE PAPERS UPPER GI

Chairs: Enrique Fernando Elli, Andrea Coratti, Xiaoying Wang

02.10 - 03.30 FREE PAPERS, SURGICAL INNOVATION

Chairs: Francesco Bianco, Koichi Suda, François Pugin

for complete list of abstracts please go to page 28



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ABSTRACTS
FREE PAPERS
VIDEO SESSION
POSTERS

CRSA ABSTRACTS COMMITTEE

Pietro Addeo
Nicolas Buchs
Eduardo Fernandes
Alberto Patrìti
Graziano Pernazza

**FRIDAY SEPTEMBER, 28**
BREAKOUT ROOM A**08.00 - 11.40 FREE PAPERS HPB****Chairs:** Ugo Boggi, Bai Yong Shen, Pietro Addeo

- 08.00 **Single incision robotic cholecystectomy: early experience.**
Selim N., Pederson C., Hertenzenberg C.
- 08.10 **From transplantation to robotic assisted ambulatory hpb surgery: how to develop a new cutting edge program at your institution.**
Doria C.
- 08.20 **Initial experience with robotic hepatobiliary surgery in single center in Israel.**
Solomonov E., Neshet E., Aizner S., Shaharabani E., Yussim A., Mor E.,
- 08.30 **First experience with robotic distal pancreatectomy at a high volume centre: is hybrid approach a viable option?**
Daskalaki D., Marchegiani G., Damoli I., Esposito A., Salvia R., Bassi C., Butturini G.
- 08.40 **Hepato-biliary robotic surgery: experience of a single center**
Anecchiarico M., Di Marino M., Lombardi A., Coratti F., Caravaglios G., Gentile E., Coratti A.
- 08.50 **Robotic Pancreas Surgery: Initial experience in an European high volume center**
Pineda-Solis K., Germain A., Brunaud L., Bresler L.
- 09.00 **Pancreatic robotic surgery: experience of a single center**
Anecchiarico M., Coratti F., Lombardi A., Calamati G., Di Marino M., Coratti A.
- 09.10 **Robotics in hepatobiliopancreatic surgery-a single centre experience**
Peng Chenghong
- 09.20 **Robotic versus open middle pancreatectomy**
Shen Baiyong
- 09.30 **Minimally invasive distal pancreatectomy-what is the advantage of robotic surgical system**
Shen Baiyong
- 09.40 **Comparison of robotic, laparoscopic and open distal pancreatectomy.**
Vicente E., Quijano E., Ielpo B, Duran H, Diaz E, Fabra I, Puga R, Oliva C, Caruso R, Ferri V
- 09.50 **Totally robotic pancreaticoduodenectomy: surgical technique.**
Belluomini MA, Rosati CM, De Lio N, Signori S, Perrone VG, Vistoli F, Kauffmann EF, Napoli N, Boggi U



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FRIDAY SEPTEMBER, 28
BREAKOUT ROOM A

- 10.00 **Eighty robot-assisted pancreatic resections.**
Belluomini MA, **Rosati CM**, De Lio N, Signori S, Perrone VG, Vistoli F, Kauffmann EF, Napoli N, Boggi U
- 10.10 **Robot-assistance in liver surgery: a real advantage over a fully laparoscopic approach? results of a comparative bi-institutional analysis**
Patriti A, Troisi RI, Montalti R, Casciola L
- 10.20 **Time spent for instrument traffic during robotic pancreaticoduodenectomies and major hepatectomies**
Kauffmann EF, Napoli N, Caniglia F, Belluomini MA, **Rosati CM**, Signori S, De Lio N, Perrone VG, Vistoli F, Costa F, Gennai A, Boggi U
- 10.30 **Robotic-assisted laparoscopic radical resection with major hepatectomy for hilar cholangiocarcinoma**
JI Wenbin, WANG Hongguang , DONG Jiahong
- 10.40 **Blood loss during robotic anatomic right hepatectomy without using Pringle manoeuvre**
Wang XY, Masrur M, Contino G, Roh Y, Bianco F, Giulianotti PC
- 10.50 **A Comparative Study on the Treatment of Hilar Cholangiocarcinoma between da Vinci Robotic Surgery and Traditional Open Surgery**
ZHOU Ningxin, CHEN Junzhou, CHEN Xiongfei, CHEN Zefeng, LIU Quanda, DUAN Weihong
- 11.00 **Impact of laparoscopic ultrasonography in robotic hepato-pancreato-biliary surgery**
WANG Hongguang, JI Wenbin ,DONG Jiahong
- 11.10 **Incidence of Port-site Metastases after Undergoing Robotic Surgery for Biliary Malignancies**
LIU Quanda, CHEN Junzhou, **ZHOU Ningxin**
- 11.20 **Robot-assisted Laparoscopic Surgery for the Treatment of Complex Bile Duct Stone: Technique and Surgical Outcomes**
Zheng Shuguo, Li Jianwei, Bie Ping,
- 11.30 **Early and intermediate outcomes of robotic hepaticojejunostomy.**
Wang XY, Roh Y, Contino GM, Masrur M, Milone L, Bianco FM, Giulianotti PC



FRIDAY SEPTEMBER, 28
BREAKOUT ROOM A

11.40 - 12.00 FREE PAPERS - VIDEO SESSION ONCOLOGY

Chairs: Gianmarco Contino, Vladimir Schraibman

11.40 **Robotic assisted oncologic colorectal resections – results of the first 45 patients**
Mann B., Sönmez M.Y.

11.50 **Robot assisted excision of a large retroperitoneal schwannoma**
Bindal V., Bhatia P.

01.00 - 01.30 FREE PAPERS, ENDOCRINE

Chairs: Erin Berber, Micaela Piccoli, June Young Choi

01.00 **Robotic resection of ectopic endocrine mediastinal tumors**
Frisoni R., Germain A., Brunaud L., Bresler L.

01.10 **Robot Assisted Sleeve Gastrectomy Ileal Transposition (SGIT) for the Treatment of Type II Diabetes**
Rainville HV, Bagshahi H

01.20 **Pectoralis major paresthesia: a transient complication of the transaxillary robotic thyroidectomy approach**
Milone L, Bianco F, Contino GM, Kakarla R, Masrur M, Fernandes E, Giulianotti PC

01.50 - 02.50 FREE PAPERS - VIDEO SESSION, BARIATRIC

Chairs: Michelle Toder, James Colella, Luca Milone

01.50 **Robotic set up times for robot assisted Roux-En-Y gastric bypass**
Ayloo S, Roh YH, Masrur M, Contino GM, Wang XY, Kakarla R, Giulianotti PC

02.00 **A comparison of outcomes between the traditional laparoscopic and totally robotic Roux-en-Y gastric bypass procedures**
Wood MH, Kroll JJ, Garretson B

02.10 **Optimizing costs in Robotic Roux an Y Gastric Bypass**
Moretto C, Bellini R, Berta RD, Anselmino M

02.20 **Robot-assisted Roux-en-Y gastric bypass for super obese patients: a comparative study**
Buchs NC, Pugin F, Chassot G, Volonté F, Koutny-Fong P, Hagen ME, Morel P

02.30 **Initial experience of Robotic Sleeve Gastrectomy in a tertiary care teaching hospital**
Bhatia P, Bindal V

02.36 **Revisional Bariatric Surgery: from gastric band to robot-assisted Roux-en-Y gastric bypass**
Ayloo S, Roh YH, Kakarla R, Contino GM, Wang X, Giulianotti PC



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FRIDAY SEPTEMBER, 28 BREAKOUT ROOM A

02.50 - 05.10 FREE PAPERS, COLORECTAL

Chairs: Gary Ballantyne, Paolo Pietro Bianchi, Graziano Pernazza

- 02.50 **Long-term outcomes after totally robotic sacrocolpopexy for treatment of pelvic organ prolapse**
Germain A, Perrenot C, Scherrer M-L, Brunaud L, Bresler L
- 03.00 **Long-term outcomes of robot-assisted laparoscopic rectopexy for rectal prolapse**
Perrenot C, **Germain A**, Scherrer ML, Ayav A, Brunaud L, Bresler L
- 03.10 **Robotic Assisted Colorectal Resection of Intestinal Endometriosis**
Schraubman V, Epstein MG, Maccapani G, Okazaki S, Kaufmann O, Neme RM
- 03.20 **Robotic versus laparoscopic elective sigmoid colectomy for diverticular disease: recent experience and short-term outcomes**
Burgos AE, Lujan HJ, Molano AF, Rivera BX, Viamonte III M, Hartmann RF, Plasencia G
- 03.30 **Sigmoid resection in patients with diverticulitis the optimal procedure to start with robotic assisted laparoscopic colorectal surgery**
Mann B, Sönmez MY
- 03.40 **Robotic right colectomy with intra-corporeal anastomosis: First 50 cases**
Molano AF, Lujan HJ, Burgos AE, Rivera BX, Plasencia G
- 03.50 **Treatment of rectal cancer with Robotic surgical system of da Vinci**
Zeng Dongzhu, Yu Peiwu
- 04.00 **Robotic versus laparoscopic colectomy for cancer**
Rivera BX, Lujan HJ, Molano AF, Burgos AE, Viamonte III M, Hartmann RF, Plasencia G
- 04.10 **Laparoscopic vs. Robotic Mesorectal Excision in Rectal Cancer: A Learning Curve Comparison**
Campbell ML, Abboud EC, Williams JR, Dolberg ME, Sanchez JE, Marcet JE
- 04.20 **Comparison of robotic, laparoscopic and open surgery in the treatment of rectal cancer**
Vicente E, **Quijano Y**, Ielpo B, Duran H, Diaz E, Fabra I, Puga R, Brito I, Caruso R, Ferri V
- 04.30 **Robotic transanal endoscopic microsurgery**
Pugin F, Ris F, Buchs NC, Volonte F, Hagen ME, Morel PH
- 04.40 **Establishing the first robotic colorectal program in Poland Initial experience and limitations for the Polish National Health System**
Witkiewicz W, Rzaca M, Turek J, VR Velchuru, **Zawadzki M**
- 04.50 **The Use of Robotics in Colorectal Surgery: A Nationwide Analysis of Trends and Outcomes**
Halabi WJ, Jafari MD, Kang CY, Nguyen VQ, Carmichael JC, Mills S, Stamos M, Pigazzi A
- 05.00 **Early experience with firefly fluorescence technology during robotic low anterior resection**
Jafari D., Pigazzi A



**FRIDAY SEPTEMBER, 28
BREAKOUT ROOM C**

08.00 - 08.50 FREE PAPERS, THORACIC

Chairs: Shu Min Wang, Giulia Veronesi

- 08.00 **Robotic surgery for anterior mediastinal tumors**
Ismail M, Swierzy M, Neudecker J, Gregor JI, Rueckert JC
- 08.10 **4 Trocars Right Access for Robotic Radical Thymectomy in Myasthenia gravis**
Masrur M, Contino GM, Fernandes E, Milone L, Bianco FM, Giulianotti PC
- 08.20 **Robot-Assisted Minimally Invasive Esophagectomy for Esophageal Adenocarcinoma: Short-term Outcomes of 30 Consecutive Cases**
Abbas E. Abbas
- 08.30 **Assessing Learning Curves of Robotic Assisted Lobectomies (RoBATs)**
Johnson S, Love R, Vora S, Wigfield C
- 08.40 **Robot-Assisted Thoracoscopic Lobectomy for Early-Stage Lung Cancer: Short-term Outcomes of 40 Consecutive Cases**
Abbas E. Abbas, Yan B, Mott F
- 08.50 **Bleeding of pulmonary artery during robotic lobectomy controlled without conversion**
Veronesi G, Pardolesi A.

09.00 - 10.10 FREE PAPERS SURGICAL SIMULATION AND TRAINING/EXPERIMENTAL RESEARCH

Chairs: Antonio Gangemi, Mario Masrur

- 09.00 **Impact of robotic general surgery course on participants' surgical practice**
Buchs NC, Pugin F, Volonté F, Hagen ME, Morel P
- 09.10 **Increasing applicability of robotic surgery in paediatric patients**
Lan LCL, Chung PHY, Wong KKY, Tam PKH
- 09.20 **Haptic Feedback System Integration for a Prototype Robotic Surgical Unit**
Desai J, Cappelleri D, Valdevit A, Ritter A
- 09.30 **What does happen in a surgeon's brain? An EEG coherence comparison between surgeons operating in laparoscopy versus robotic surgery**
Moretto C, Bellini R, Berta RD, Bocci T, Sartucci F, Ferrari M, Anselmino A
- 09.40 **Face, content, construct validity and learning curve in robotic surgery simulation training: results of a multicentric evaluation of dV-Trainer**
Perrenot C, Gangemi A, Stifelman M, Perez M, Gluszak P, Giulianotti PC, Hubert J
- 09.50 **The importance of a hospital organizational model for the development of a Robotic system in oncological general surgery**
Vicente E, Quijano Y, Ielpo B, Duran H, Diaz E, Fabra I, Puga R, Oliva C, Caruso R, Ferri V
- 10.00 **Intraoperative Education with Robotic Cholecystectomy: a study at a single institution**
Abbed T, Ayloo S



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FRIDAY SEPTEMBER, 28
BREAKOUT ROOM C

10.15 - 11.15 VIDEO SESSION UPPER GI

Chairs: Carlos Galvani, Bao Qing Jia, Parveen Bathia

- 10.15 **Robotic Subtotal Gastrectomy for Gastric Cancer**
Ravazzoni F, Lenti LM, Priora F, Maglione V, Quarati R, Piscioneri D, Spinoglio G
- 10.21 **Robot-assisted laparoscopic intermediate Gastrectomy for a GIST preserving antral innervation, sentinel node sampling and liver wedge resection**
Bianco F, Masrur M, Contino GM, Wang X, Milone L, Giulianotti PC
- 10.27 **Is it true that the robotic system facilitates mininvasive gastrectomies? When?Why?**
Bazzocchi F, Garcea D
- 10.33 **Feasibility of laparoscopic spleen-preserving lymphadenectomy of the splenic hilum along the outmost layer using the surgical robot.**
Ishikawa K, Suda K, Ishida Y, Kawabata T, Inaba K, Taniguchi K, Isogaki J, Kanaya S, Satou S, Uyama I
- 10.39 **Robot-assisted SUBTOTAL esophagectomy (Lewis-Santý procedure) with the patient in prone position**
Annicchiarico M, Bongiolatti S, Di Bisceglie M, Bianco L, Baldoni G, Felicioni L, Coratti A
- 10.45 **Transhiatal diverticulectomy, myotomy and fundoplication for a large epinephric diverticulum: Robotic surgery a preferred approach?**
Upadhyay A, Horoupian R, Hibbard M, Stanten S, Chard P
- 10.51 **Robot-assisted Laparoscopic Repair of a Giant Paraesophageal Hernia**
Masrur M, Contino GM, Kakarla R, Milone L, Elli F
- 10.57 **Robot-assisted Paraesophageal Hernia Repair and Gastric Bypass in a super obese patient**
Masrur M, Wang X, Milone L, Kakarla R, Elli F
- 11.03 **Robotic revision of Gastro-Jejunal anastomosis**
Kakarla VR, Ayloo S, Milone L, Giulianotti PC

**FRIDAY SEPTEMBER, 28
BREAKOUT ROOM C****11.20 - 12.00 VIDEO SESSION, ENDOCRINE****Chairs:** Erin Berber, Micaela Piccoli, June Young Choi

- 11.20 **Robot-assisted posterior retroperitoneal adrenalectomy: technical details**
Masrur M, Contino GM, Roh Y, Fernandes E, Bianco FM, Giulianotti PC
- 11.26 **Robotic adrenalectomy for Pheochromocytoma**
Bhatia P, Bindal V, Kumar A, Dutta R
- 11.31 **Robotic assisted endoscopic thyroidectomy for a male patient with Graves' disease**
David Ka-Kin Tsui, Kevin Kwok-kay Yau, Chung-Ngai Tang
- 11.37 **Robotic total thyroidectomy and modified radical neck dissection for papillary thyroid carcinoma with lateral neck node metastasis: 4 cases with bilateral axillo-breast approach**
Kang Kyungho, Kim Byung-Seup, Park Sung-Jun
- 11.43 **Robotic assisted spleen preserving excision of a large non parasitic symptomatic splenic Cyst**
Upadhyay A, Begossi G
- 11.49 **Robotic Da Vinci surgery for adrenal neoplasm**
Gusai GP, Perna F, Fais D, Badessi F
- 11.55 **Bilateral axillo-breast approach robotic thyroidectomy: review of 1026 cases**
June Young Choi, Eunyong Kim, Kyu Eun Lee, Yeo-Kyu Youn,

01.00 - 02.30 VIDEO SESSION, COLORECTAL**Chairs:** Vladimir Schraibman, Emilio Vicente, Edoardo Parra Davilla

- 01.00 **Robotic redo mesh rectopexy in a patient with recurrent rectal prolapse**
Bindal V., Bhatia P.
- 01.06 **Robotic redo mesh rectopexy**
Jafari M., Pigazzi A.
- 01.12 **Robotic excision of giant pararectal dermoid tumor**
Morelli L, Belluomini MA, Caprili G, Guadagni S, Rosati CM, Tassinari D, Di Candio G, Mosca F
- 01.18 **Robotic resection of anterior sacral meningocele (ASM)**
Spinoglio G, Lenti LM, Ravazzoni F, Maglione V, Quarati R, Priora F, Vitali M, Barbanera A
- 01.24 **Surgical management of complex adhesions in colorectal robotic surgery**
Fernandes F, Contino GM, Masrur M, Milone L, Bianco FM, Giulianotti PC



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FRIDAY SEPTEMBER, 28 BREAKOUT ROOM C

- 01.30 **Combination of conventional endo-laparoscopic and robotic technique in treating patient with double colorectal pathology**
Fok Benny KL, Cheung Hester YS, **Leung LH Alex**, Li Micheal KW, Tang CN
- 01.36 **Robotic right colectomy for cancer: our standardized technique**
Priora F, Lenti LM, Ravazzoni F, Maglione V, Agoglitta D., Quarati R, Spinoglio G
- 01.42 **Reverse-hybrid robotic right colectomy with intracorporeal anastomosis**
Bianchi PP , Bislenghi G, Petz W , Reusmann VS , Biffi R
- 01.48 **Robotic Single Site Right Colectomy: Our Experience**
Priora F, Lenti LM, Maglione V, Ravazzoni F, Quarati R, Licciardello A, Spinoglio G
- 01.54 **Robotic-assisted ultra low anterior resection for rectal cancer**
Vicente E, **Quijano Y**, Ielpo B, Duran H, Diaz E, Fabra I, Puga R, Oliva C, Caruso R, Ferri V
- 02.00 **Step-by-step comparison of laparoscopic and robotic right colic resection**
Pernazza G, Pende V, Alfano G, D'Annibale A
- 02.06 **Robotic low anterior resection with fluorescence imaging**
Hellan M
- 02.12 **The use of indocyanine green (icg-9) fluorescein dye in robotic-assisted laparoscopic low anterior resection**
Kang C, Pigazzi A
- 02.18 **Rectal resection with tme by robotic da vinci system**
Gusai GP, Perna F, Badessi F.
- 02.30 - 03.00 VIDEO SESSION, SURGICAL INNOVATION-SIMULATION AND TRAINING**
Chairs: Antonio Gangemi, Mario Masrur
- 02.30 **Robotic total splenectomy: a testing ground for robotic learning curve**
Bianchi PP , Bislenghi G, Petz W, Reusmann VS, Biffi R
- 02.36 **Robotic Single Incision Cholecystectomy for a "difficult" gallbladder: A technically easier alternative**
Romero R, Gonzalez A, Donkor C, Seetharamaiah R, Kosanovic R, Rabaza J
- 02.42 **Reduced Port Surgery: Does it have an Application in Robotic Surgery ?**
Singh Tejinder P , Pardo Lameda Ivanesa



**SATURDAY SEPTEMBER, 29
BREAKOUT ROOM B**

07.30 - 09.50 VIDEO SESSION, HPB

Chairs: Massimo Malagò, Eduardo Fernandes

- 07.30 **Robotic Extended Lymphadenectomy for Pancreatic Cancer: technique and feasibility**
Contino GM, Wang X, Masrur M, Milone L, Giulianotti PC
- 07.36 **Spleen preserving Robotic Distal Pancreatectomy: short term outcomes and application of Indocyanin green fluorescence**
Contino GM, Bianco FM, Milone L, Masrur M, Wang X, Giulianotti PC
- 07.42 **Robotic radical resection with right hepatectomy and caudate lobectomy for hilar cholangiocarcinoma**
JI Wenbin, WANG Hongguang, DONG Jiahong
- 07.48 **Robotic right hemi-hepatectomy by the Glissonean pedicle approach**
Kato Y, Sugioka A., Tanahashi Y., Tokoro T., Nitta T., Kagawa T., Ito Takashi, Takeura C., Suda K., Uyama I.
- 07.54 **Robot assisted laparoscopic caudate lobe resection**
Wang XY, Contino GM, Masrur M., Fernandes E., Bianco FM, Giulianotti PC
- 08.00 **Intraoperative indocyanin green fluorescence cholangiogram during robotic assisted right**
Fernandes E., Contino GM, Milone L, Masrur M., Wang X., Giulianotti PC.
- 08.06 **Da Vinci Robot-assisted Anatomic Left Hemihepatectomy and Biliary Reconstruction**
WANG Zhifei, LIU Quanda, CHEN Junzhou, DUAN Weihong, **ZHOU Ningxin**
- 08.12 **Robot-Assisted Excision of a Retroperitoneal Mass Between the abdominal aorta and inferior vena cava**
Peng Chenghong
- 08.18 **Robotic excision of interporto-interaorto-caval ganglioneuroma**
Morelli L, Belluomini MA, Caprili G, Guadagni S, D'Isidoro C, Lombardo C, Di Candio G., Mosca F.
- 08.24 **Da Vinci Robot-Assisted surgery for the stricture of high bile ducts: a case report**
Bie Ping, Li Jianwei
- 08.30 **Surgical management for choledocholithiasis using da Vinci Robotic system**
Yang GPC, Lai ECH, Tang CN, Li MKW



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SATURDAY SEPTEMBER, 29 BREAKOUT ROOM B

- 08.36 **Totally robotic cholecystectomy with bile duct excision and Roux-n-Y choledochojunostomy for lower end bile duct stricture due to chronic pancreatitis**
Mohanka R, Rastogi A, Mohan N, Kakodkar R, Goja S, Menon B, Soin AS
- 08.42 **Spleen haemangioma treated by partial robotic splenectomy - early experience**
Mégevand J, Rusconi A, Amboldi M, Lillo E, Mascheroni L, Lenisa L, Andreoli M, Catto Ronchino J
- 08.48 **Laparobotic en-bloc total duodenopancreatospelenectomy for a diffuse malignant IPMN – A left-to-right-caudo-cranial approach**
Yiengpruksawan A, Carnevale N, Harrison L, Mansson J
- 08.54 **Pancreatoduodenectomy Using da Vinci S system In Our Experience**
Ito M, Uyama I, Horiguchi A
- 09.00 **Robot-assisted laparoscopic Whipple's operation for insulinoma**
TANG Chung Ngai, LAI Eric CH, YANG George PC, CHAN Oliver CY
- 09.06 **Singol Site Robotic vs Singol Site Laparoscopic**
Gusai GP., Perna F., Fais D., Badessi F.
- 09.12 **Robotic spleen-preserving distal pancreatectomy: technical aspects**
Bianchi PP, Bislenghi G, Petz W, Reusmann VS, Biffi R
- 09.18 **Robot-assisted laparoscopic spleen preserving distal pancreatectomy**
CHONG Charing Ching-ning, LEE Kit-fai, WONG John, CHEUNG Yue-sun, LAI Paul Bo-san
- 09.24 **Overlapping applications of bipolar-radiofrequency energy for tissue coagulation in a robot-assisted hepatic resection**
Ayloo S., **Wang X.**, Masrur M., Contino GM., Kakarla R., Milone L., Giulianotti PC.
- 09.30 **Robot-assisted distal pancreasectomy with splenectomy for neuroendocrine tumor**
Vicente E, Quijano Y, Ielpo B, Diaz E, Duran H, Fabra I, Puga R, Oliva C, Caruso R, Ferri V
- 09.36 **Robotic assisted distal pancreatectomy and splenectomy for microcystic adenoma.**
Patel Hetal D, Hewlett Stanley C.



**SATURDAY SEPTEMBER, 29
BREAKOUT ROOM B**

01.00 - 02.00 FREE PAPERS UPPER GI

Chairs: Enrique Fernando Elli, Andrea Coratti, Xiaoying Wang

**01.00 Robotic distal gastrectomy for gastric adenocarcinoma:
short-term outcomes and potential advantages**

Suda K, Ishida Y, Kawamura Y, Yoshimura F, Inaba K, Taniguchi K, Isogaki J, Kanaya S, Satoh S, Uyama I

**01.10 Reconstruction of esophagojejunostomy by robot-sewing technique
in totally robotic total gastrectomy for gastric cancer**

JIANG Zhi Wei, ZHAO Kun

01.20 Application of transorally placed anvil (orvil) in radical gastrectomy with da vinci

Jia BQ, Liu HY

**01.30 Optimal trocar arrangement during robot-assisted
thoroscopic esophagectomy in the prone position**

Kawabata T, Suda K, Ishikawa K, Yoshimura F, Taniguchi K, Satoh S, Uyama I

01.40 Robotic assistant paraoesophageal hernia repair

Milone L, Contino GM, Bianco F, Kakarla R, Masrur M, Fernandes E, Giulianotti PC

**01.50 Robotic Repair of Giant Paraesophageal Hernias:
Does the robot decrease complications?**

Seetharamaiah R, Rabaza J, Donkor C, Romero R, Kosanovic R, Gonzalez A

**02.00 Robotic-assisted minimally invasive transhiatal esophagectomy
with extended lymphadenectomy**

Seto Y, Mori K, Yamagata Y, Kokubu K, Kishi T, Maeda M, Wada I, Shimizu N, Nomura S

02.10 - 03.30 FREE PAPERS, SURGICAL INNOVATION

Chairs: Francesco Bianco, Koichi Suda, François Pugin

02.10 Learning curve in single site robotic cholecystectomy

Milone L, Bianco FM, Contino GM, Kakarla R, Masrur M, Fernandes E, Giulianotti PC

**02.20 Comparative retrospective review of Single Incision Laparoscopic Cholecystectomy
and Single Incision Robotic Cholecystectomy: A single group experience**

Donkor C, Rabaza J, Seetharamaiah R, Romero R, Kosanovic R, Gonzalez A

**02.30 Single Incision Robotic Nissen Fundoplication for Reflux using
the Da Vinci Single Site™ System**

Bagshahi H, Rainville HV



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**SATURDAY SEPTEMBER, 29
BREAKOUT ROOM B**

- 02.40 **Single-Site Robotic Cholecystectomy with Real Time Near-infrared (NIR) Fluorescent Cholangiography**
Ravazzoni F, Priora F, Maglione V, Lenti LM, Quarati R, Lucido FS, Spinoglio G
- 02.50 **NIR Fluorescence Imaging In General Surgery**
Priora F, Ravazzoni F, Maglione V, Lenti LM, Pappalardo A, Lodin M, Quarati R, Spinoglio G
- 03.00 **Bloodless cut device for robot-assisted solid organ surgery under minimal-invasive condition**
Wang Shuxin, Zhou Ningxin
- 03.10 **Robotic computer-assisted liver surgery**
Pugin F, Volonte F, Buchs NC, Toso C, Majno PE, Peterhans M, Morel P
- 03.20 **Supraglottic transoral robotic surgery: functional outcomes with or without prior chemo and/or radiation therapy**
Mehta AC, Wang RC



POSTERS

COLORECTAL

Robotic colorectal surgery: one year experience

Benvenuti F., Ranalli M., Nepi S., Bianchi A.,

Early experience with robotic rectopexy

Buchs NC., Pugin F., Ris F., Volonté F., Morel P., Roche B.

Right colon resection: Robotic vs Laparoscopic technique. A retrospective monocentric study

Piagnerelli R., Coratti A., Gentile E., Felicioni L., Calamati G., Anecchiarico M., **Di Marino M.**, Lombardi A. Coratti F., Bianco L., Baldoni G., Giulianotti PC.

Urinary dysfunction following robot-assisted mesorectal excision for rectal cancer

Jafari M., Narducci F., Decanter G., Adenis A.

Robotic assisted versus Laparoscopic resection for Rectal Cancer: Short-term Outcomes from Initial Experience from Consecutive patients

Kim Ik Yong, Kim Young Wan, Lee Kang San, Kong Sung Chan, Kwon Hyun Jun, Ahn Sung Ki

What's our present experience in the robotic treatment of rectal tumor ?

Coratti A., **Lombardi A.**, Coratti F., Caravaglios G., Tumbiolo S., Giulianotti PC.

Sentinel Lymph Node Mapping in Colon Cancer by DaVinci Robotic System – 1st Pilot Study

Saha S., Abadeer B., Gomez-Seoane A., Shaik M., Black K., Hixenbaugh J., Horton K., Fritz P.

Preliminary experience with Dixon procedures of rectal cancer assisted by da Vinci surgical robotics: a report of 11 cases

ZHANG Xue Feng, LI Jin

HPB

Causes of conversions in Robotic Pancreaticoduodenectomy

Contino GM., Masrur M., Milone L., Wang XY., Bianco FM., Fernandes E., Giulianotti PC.

Robotic laparoscopic central pancreatectomy: an initial report in china

Liu R., Hu MG, Zhao GD

Why to start robotic liver surgery in a liver transplantation centre? Our first case.

Reggiani P., Antonelli B., Lauro R., Perazzoli A., Bonalumi S., Marinelli N., Petrillo D., Marengi M.C., Rossi G.

Single port versus multiport robotic cholecystectomy: a systematic review and pooled analysis

Syed S, Knapps J, Clements J, Merchant A

Robotic versus open pancreatectomy: a system review and meta-analysis

Zhang Jie, **Wu Wen-ming**, You Lei, Zhao Yu-pei

Selection of Surgical Approaches for Patients with Previous Operations by Using da Vinci Robotic Surgical System

ZHOU Ningxin, CHEN Junzhou, CHEN Junzhou, LIU Quanda, LIU Jungui, ZHANG Tao



2012

ONCOLOGY

Transition from fully-open to fully-robotic surgical oncology cases without laparoscopic experience – is it possible ?

Saha S, Abadeer B, Gomez-Seoane A, Black K, Hixenbaugh J, Horton K, Fritz P,

Surgical Innovations

Comparison of abdominal, laparoscopic and robot-assisted myomectomy

Kira EF, Politova AK, Haikina VY, Alekperova AF

Robot-assistant laparoscopic hysterectomy for the treatment of uterine fibroids

Kira EF, Politova AK, Alekperova AF, Haikina VY

Robotics in general surgery: review of a single center experience , 9 years after our first report

Coratti A, Lombardi A, Anecchiarico M, Coratti F, Calamati G, Di Marino M, Baldoni G, Giulianotti PC

SURGICAL SIMULATION AND TRAINING

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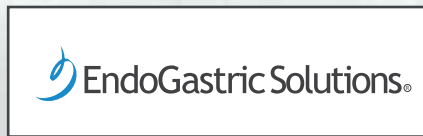
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