



32nd international congress of the European Association for Endoscopic Surgery and other interventional techniques.

Tuesday, 11th June, Wednesday, 12th June, Thursday, 13th June and Friday, 14th June 2024

Location: MECC Maastricht, The Netherlands

Theme: EAES goes green

Incorporating the NVEC congress

Monday, 10th June

WS1 Workshop INGUIDE - certified guideline methodologist (day 1 of 2)

Course director: Stavros Antoniou (Greece)

Tutor: Miranda Langendam (The Netherlands), Mariska Tuut (The Netherlands)

Room: Lisbon 0.7

Min. no. participants: 7. Max 13?

16.00 - 20.00 hrs

[Info](#)

Tuesday, 11th June

WS2 Workshop INGUIDE - certified guideline methodologist (day 2 of 2)

Course director: Stavros Antoniou (Greece)

Tutor: Miranda Langendam (The Netherlands), Mariska Tuut (The Netherlands)

Room: Lisbon 0.7

Min. no. participants: 7. Max 13?

09.00 - 17.45 hrs

[Info](#)

UEMS practical exam (OSCE circuit) (sponsored by Storz)

Course directors: Marek Soltés (Slovakia), Georg Bischof (Austria)

Room: Athens 0.9 (and room Copenhagen 0.3 as waiting room)

Whole day, 09.00 - 16.00 hrs

Faculty:

Dusan Lesko (Slovakia)

Beat Müller (Switzerland)

Lars Fischer (Germany) extern

Dorin Popa (Sweden)

Milos Bjelovic (Serbia)

Nathan Curtis (UK)

Nader Francis (UK)

Predrag Andrejevic (Malta)

- 08:30 - 09:00 Examiners meeting
- 09:00 - 09:15 Registration
- 09:15 - 09:30 Introduction & instructions
- 09:30 - 13:00 Exams
- 13:00 - 14:00 Lunch break - stations dismantling
- 14:00 - 14:30 Feedback questionnaire
- 14:30 - 16:00 Debriefing & results

TS1 Technology symposium: Collaboration is key for technological improvements

Room: Cape Town 0.11

09.00 - 13.00 hrs

Session 1: Collaboration for innovation - success stories

Chairs: Yoav Mintz (Israel), Michele Diana (France), Chen Sagiv (Israel)

- 09.00 - 09.15 The surgeon as a leader in surgical instrument design - Kiyokazu Nakajima (Japan)
- 09.15 - 09.30 The consequences when surgeons are not involved in instrument design - Piotr Myśliwiec (Poland)
- 09.30 - 09.45 Evidence based surgical instrument design - Tim Horeman (The Netherlands)
- 09.45 - 10.00 Bringing computer scientists into the OR - Pietro Mascagni (Italy)
- 10.00 - 10.15 Surgical skills centres; the road to public private partnership - Jaap Bonjer (The Netherlands)
- 10.15 - 10.30 From a small lab to the centre of the future of surgery; how did I make it - Santiago Horgan (USA)

- 10.30 - 11.15 Coffee break

Session 2: Technology in the OR; state-of-the-art

Chairs: Rosa Jiménez-Rodríguez (Spain), Luigi Boni (Italy), Piotr Myśliwiec (Poland)

- 11.15 - 11.30 The recommended dose and timing of ICG for common image guided surgery applications - Ludovica Baldari (Italy)
- 11.30 - 11.45 Robotic surgery with the Eurika - Noriyuki Inaki (Japan)
- 11.45 - 12.00 DaVinci, Hugo and CMR: head-to-head - Wanda Petz (Italy)

Session 3: Future technologies

Chairs: Manish Chand (UK), Luigi Manfredi (UK), George Mylonas (UK)

- 12.00 - 12.15 AI improving safety in surgery today - Felix Nickel (Germany)
- 12.15 - 12.30 Robotic digestive endoscopy and the return of NOTES - Silvana Perretta (France)
- 12.30 - 12.45 Computer vision to flatten the learning curve in robotic surgery - Hans Fuchs (Germany)
- 12.45 - 13.00 Autonomous surgery in robotic surgery - Juan Sánchez Margallo (Spain)

- 13.00 - 14.00 Lunch break

TS2 Amazing Technologies

Room: Cape Town 0.11

14.00 - 17.30 hrs

Session 1

Chairs: Francisco Sánchez Margallo (Spain), Alberto Arezzo (Italy)

Abstracts

15.30 - 16.00 Coffee break

Session 2

Chairs: Young-Woo Kim (Korea), Nicola Di Lorenzo (Italy)

abstracts

MC1 EAES Research Talent Academy

Course director: Sheraz Markar (UK)

Room: Paris 0.5

10.00 - 12.20 hrs

Session 1: EAES research clinic

- 10:00 - 10:10 Introduction - Tan Arulampalam (UK)
10:10 - 10:30 Academic / clinical / personal well - Delia Cortes-Guiral (Spain)
10:30 - 10:50 Developing a research programme - Ayesha Noorani (UK)
10:50 - 11:10 The art of writing - how to get your research published - Jaap Bonjer (The Netherlands)
11:10 - 11:30 Collaborating with industry in research - Ahmed Ahmed (UK)
11:30 - 11:50 Establishing research network in 2024 - Mark van Berge Henegouwen (The Netherlands)
11:50 - 12:10 Building your academic surgical career - Sheraz Markar (UK)
12:10 - 12:30 Concluding remarks and questions

12.30 - 13.30 Lunch break

MC2 EAES Research Talent Academy Sandpit

Course director: Sheraz Markar (UK), Lisa Massey (UK), Emina Letić (Bosnia & Herzegovina)

Panellists; Sheraz Markar (UK), Tan Arulampalam (UK), Delia Cortes-Guiral (Spain), Ayesha Noorani (UK), Ahmed Ahmed (UK), Mark van Berge Henegouwen (The Netherlands)

Room: Paris 0.5

- 13.30 - 13.45 Embedding diversity within your research - Pat Sylla (USA)
13.45 - 16:30 Breakout project development
16:30 - 17:10 Presentation and discussion
17:10 - 17:30 Discussion and presentation of award

HO1 Flexible Endoscopy

Course director: Silvana Perretta (France)

Assistant: Agnès Gronfier (France)

Room: MECC @ Table

09.00 - 17.00 hrs

10 stations, 10 tutors for 20 participants

Tutors: Maurizio Fazi (Italy), Ludovica Guerriero (Italy), Andras Legner (Austria), Pietro Riva (Italy), Gadi Marom (Israel), Pietro Mascagni (Italy), James Ellsmere (Canada), Rita Rodriguez Luna (France), Christine Stier (Germany), Maria Vannucci (Italy)

At the end of this [course](#) the participant will:

- Understand the value and indications of preoperative endoscopy
- Become familiar with the endoscopic management of common gastro-intestinal surgery complications such as bleeding, perforations, leaks and fistula

- Understand indications and basic steps of EMR, ESD and POEM in a controlled and supervised setting
- Become familiar with endoscopic suturing techniques for morbid obesity and GERD
- Understand the indications and basic steps of ERCP and biliary endoscopy

HO2 Laparoscopic suturing beginner sponsored by Karl Storz

Course director: Thomas Carus (Germany)

Room: Rome 0.8

12.00 - 13.30 hrs

10 tables so 20 participants (plus 1 extra table). Dry lab.

- Demonstration of instruments for laparoscopic suturing
- Basic knot 1: laparoscopic surgical knot
- Basic knot 2: laparoscopic slip knot
- Basic suture: laparoscopic running suture
- Demonstration of stapling instruments

HO3 Laparoscopic suturing beginner and advanced sponsored by Karl Storz

Course director: Thomas Carus (Germany)

Room: Rome 0.8

14.30 - 17.30 hrs

- Perforation closure with laparoscopic slip knot
- Laparoscopic closure of a linear defect
- Segment resection: laparoscopic hand-sewn end-end anastomosis
- Segment resection laparoscopic end-end anastomosis with circular stapler
- Laparoscopic end-side anastomosis in combined hand-sewn / stapler technique

HO4 Laparoscopic bile duct exploration Choledochoscopy (sponsored by Storz)

Course director: Ahmad Nassar (UK)

Tutors: Jaime Vilaça (Portugal), Tarek Katbeh (UK), Louis Carvalho (Belgium), Edward Lin (USA)

09.00 - 17.00 hrs

Room: Washington 0.15

Objectives: Advanced procedure-based course highlighting the technical and logistical aspects of one session laparoscopic exploration of the bile duct. A course designed for consultants and senior trainees with the skills of routine and emergency laparoscopic cholecystectomy who may already have experience with intra-operative cholangiography. The candidates are made familiar with the technical aspects through short interactive talks. The course has a major practical hands-on component with opportunity to practice cholangiography, trans-cystic duct cannulation and exploration, choledochotomy exploration and methods of biliary drainage. There will be emphasis on the handling and optimal use of 3mm & 5mm choledochoscopes. Well-designed animal tissue models allow for task repetition and skills development and consolidation. Adequate time is dedicated to detailed discussions of technical aspects utilising extensive video material selected from 1430 Laparoscopic bile duct explorations.

MC3 Laparoscopic bile duct exploration Choledochoscopy (sponsored by Storz)

Course director: Ahmad Nassar (UK)

Tutors: Jaime Vilaça (Portugal), Tarek Katbeh (UK), Louis Carvalho (Belgium), Edward Lin (USA)

09.00 - 17.00 hrs

Room: Washington 0.15

This masterclass is meant for observers to the hands-on course of the same name. You will attend the same theoretical part as the hands-on participants. After that you will continue with videos, while the others are practicing. You will be in the same room so you will get to see all the hands-on activities. This masterclass is especially suited for those who want to know how to setup a service, consider the logistics involved and build a business case.

WS3 Workshop Classica

Course directors: Ronan Cahill (Ireland), Alberto Arezzo (Italy), Rita Rodriguez (France)

14.30 - 17.30 hrs

Room: Volga 2.1

Content will follow

15.30 - 17.30 Free paper session

Room: Sydney 0.10

VM01 Best videos free paper

Chairs: Audrius Dulskas (Lithuania), Christos Kontovounisios (UK)

Stream:

Free paper videos

15.30 - 17.30 Free paper session

Room: Brussels 0.4

VM02 Best videos free paper

Chairs: György Lázár (Hungary), Dusan Lesko (Slovakia)

Stream:

Free paper videos

Opening ceremony

Room: Auditorium 1

18:00 - 19:00 hrs

Lecture from Dutch astronaut André Kuipers

Welcome reception

Room: exhibition floor

19:00 - 20:00 hrs

Wednesday, 12th June

08.30 - 10.00 hrs Free paper oral

Room: Auditorium 1

S01 What's new in colorectal surgery?

Stream: Colorectal

Chairs: Thomas Carus (Germany), Laurents Stassen (The Netherlands)

08.30 - 08.45 Evidence to avoid anastomotic leakage - Danique Heuvelings (The Netherlands)

08.45 - 09.00 Update on Ta-TME - Roel Hompes (The Netherlands)

09.00 - 09.15 EAES guidelines: CME for right sided colon cancer - Tim Lubbers (The Netherlands)

09:15 - 09:25 **0001** - Anaemia and Iron Deficiency do not Increase the Risk of Colorectal Cancer Risk in Quantitative Faecal Immunohistochemistry Testing-negative symptomatic

- patients. - James Lucocq, *E. Barron, H. Holmes, P.D Donnelly, N. Cruickshank* (United Kingdom)
- 09:25 - 09:35 **O002** - Endoscopic versus surgical intervention in managing ileocolic anastomotic stricture in patients with Chon's diseases: Meta-analysis. - Mohamed Talaat Mohamed Issa, *A.Y. Mohamedahmed, S.Z. Zaman, K.N. Noureldin, M.A. Albendary*
- 09:35 - 09:45 **O003** - Short-term Outcomes of Circular Staplers in Left-Sided Colorectal Cancer Surgeries amidst the Era of Powered Innovation - Hayoung Lee, *Y.S* (Korea)
- 09:45 - 09:55 **O004** - Artificial Intelligence (AI)-based Pelvimetry: Automated MRI Metrics for Predicting Postoperative Outcomes in Rectal Cancer Surgery. - Ritch Geitenbeek, *S Baltus, M Frieben, C Tan, E Thibeau-Sutre, I.A.M.J. Broeders, E.C.J. Consten* (The Netherlands)

08.30 - 10.00 hrs Free paper oral

Room: Auditorium 2

S02 What's new in hernia surgery?

Stream: Hernia

Chairs: Jan Stoot (The Netherlands), Salvador Morales Conde (Spain)

- 08.30 - 08.45 AI and the recognition of hiatal hernia - Karl Fuchs (Germany)
- 08.45 - 09.00 The role of the robot in hernia surgery - Eva Deerenberg,(The Netherlands)
- 09.00 - 09.15 Update of the international guidelines for inguinal hernia management - Barbora East (Czech Republic)
- 09:15 - 09:25 **O005** - "SLIM-MESH": 46 Mostly Obese Cases with Large-Giant/Massive Ventral Hernia - Silvio Alen Canton, *R. Cadrobbi, C. Pasquali* (Italy)
- 09:25 - 09:35 **O006** - A new ethiology of Smilunar Line Diastasis (SLD) and the relation to Rectus Diastasis (RD) - Moshe Dudai (Israel)
- 09:35 - 09:45 **O007** - Accuracy of pre-operative CineMRI imaging for peritoneal adhesions compared to intra-operative findings in patients with chronic abdominal pain. - Maurits Gielen, *M.K. Toneman, N.D. Bouvy, R.P.G. Ten Broek* (The Netherlands)
- 09:45 - 09:55 **O008** - REsectability Small Bowel Obstruction LAParoscopic (RESBOLAP) Score. Multicentric Data Registry - DIEGO COLETTA, *F Guerra, P.A Greco, F Petrelli, D Corallino, G Giuliani, A Patriti* (Italy)

08.30 - 10.00 hrs Free paper oral

Room: Sydney 0.10

S03 Imagine the future OR

Stream: Technology

Chairs: Stefania Marconi (Italy), Denise Hilling (The Netherlands)

- 08.30 - 08.45 Imagine the future OR - Manish Chand (UK)
- 08.45 - 09.00 Clinical implementation of AI in surgery - Denise Hilling (The Netherlands)
- 09.00 - 09.15 How to perform surgery in a more sustainable way - Eiji Kanehira (Japan)
- 09:25 - 09:35 **O009** - Implementation of Artificial Intelligence Based Computer Vision Model in Laparoscopic Appendectomy: External Validation of Annotated Complexity Grade and Evaluation of Clinical Significance. - Danit Dayan, *N. Dvir, H. Agbariya, A. Abu-Abeid, G. Lahat, E. Nizri* (Israel)
- 09:35 - 09:45 **O010** - Systematic review on the combined use of artificial intelligence with fluorescent cholangiography to identify anatomical structures during laparoscopic cholecystectomy: a tool towards the future - Diletta Corallino, *Diletta Corallino, A Balla, D Coletta, D Pacella, M Podda, A Pronio, M Ortenzi, F Ratti, P Sileri, L.A.M Aldrighetti* (Italy)
- 09.35 - 09.45 Fluorescence in laparoscopic appendectomy stump closure: a possible new imaging technique in emergency settings. A pilot study – Noemi Zorzetti (Italy)

09.45 - 09.55 **O121** - Green Surgery: is the optimization of healthcare waste management feasible? A preliminary monocentric experience - Manuela Mastronardi, *M. Bortul, F. Dragani, P. Bevilacqua, N. de Manzini, S. Palmisano* (Italy)

08.30 - 10.00 hrs Free paper oral

Room: Cape Town 0.11

S04 What's new in bariatric surgery?

Stream: Bariatric

Chairs: Gil Faria (Portugal), Ana Senent Boza (Spain), Mahir Özmen (Turkey)

08.30 - 08.45 What's new in bariatric surgery? - Eric Hazebroek (The Netherlands)

08.45 - 09.00 ICG in foregut surgery, when & why? - Santiago Horgan (USA)

09:00 - 09:10 **O013** - Gut microbiota's shift 1 year after laparoscopic Roux-en-Y vs One Anastomosis Gastric Bypass - Cristian Eugeniu Boru, *G Silecchia, F Flavio, N Velotti, M Musella, M Raffaelli, F Leonetti, G Delogu* (Italy)

09:10 - 09:20 **O014** - Long Term (11-year) weight loss and comorbidity resolution of laparoscopic sleeve gastrectomy and laparoscopic Roux-en-Y gastric bypass and the Impact of Pre-operative Weight Loss on Overall Outcome - James Lucocq, *K Homyer, G Geropoulos, V. Thakur, D Stansfield, M. Duxbury, L Harrow, A. de Beaux, B. Tulloh, B. Wallace, B. Joyce, G Drummond, P.J Lamb, A.G Robertson* (United Kingdom)

09:10 - 09:20 **O015** - Esophageal Function, Acid and None-acid Reflux after One-Anastomosis Gastric Bypass – High-resolution Manometry, Impedance-24h-pH-metry and Gastroscopy in a Prospective Midterm Study - Daniel Felsenreich, *J. Jedamzik, L. Lisa, L. Larissa, C. Christoph, P. Paula, I. Ivan, M Mairinger, F.B. Langer, G. Prager* (Austria)

09:20 - 09:30 **O016** - 3D CT volume analysis pre-and post-sleeve gastrectomy. Is the volume of the residual and resected stomach associated with greater weight loss? Short and long-term outcomes. - Antoni Molera Espelt, *L. Sala Vilaplana, M. Espinet Blasco, E. Ballester Vázquez, E. Julià Verdaguer, J.C. Pernas Canadell, C. Balagué Ponz, E. Targarona Soler, S. Fernández Ananín* (Spain)

09:40 - 09:50 Swallowable Linear Magnet for Magnetic Side-to-Side Duodeno-ileostomy - Michel Gagner, *D Abuladze, L Koiava* (Canada)

09:50 - 10:00 Technical aspects of Gastro-Enterostomy with compression Magnetic Anastomosis: MAGGI - Michel Gagner, *L Almutlaq* (Canada)

08.30 - 10.00 hrs Free paper oral

Room: Brussels 0.4

S05 What's new in oesophageal and gastric cancer surgery?

Stream: UGI

Chairs: George Hanna (UK), Alice Tsai (UK)

08.30 - 08.45 What's new in oesophageal surgery? - Suzanne Gisbertz (The Netherlands)

08.45 - 09.00 What's new in gastric surgery? - Woo Jin Hyung (Korea)

09.00 - 09.15 Transcervical oesophagectomy - Bastiaan Klarenbeek (The Netherlands)

09:15 - 09:25 **O017** - Accuracy of Convolutional Neural Network for Detection of Barrett's Neoplasia on Endoscopy: A Diagnostic Accuracy Meta-analysis - Muhammed Elhadi, *A Khaled, A. BenGhatnsh, A. Faraj, A. Msherghi* (Libya)

09:25 - 09:35 **O018** - Risk factors for benign anastomotic stenosis after esophageal cancer surgery - Dillen van der Aa, *J. Boonstra, W.J. Eshuis, F. Daams, S.S. Gisbertz, M.I. van Berge Henegouwen* (The Netherlands)

09:35 - 09:45 **O019** - ComParis 0.5 on of Submucosal and Subserosal Approach Towards ICG-Guided Laparoscopic Lymphadenectomy for Patients with Gastric Cancer: Long-term Outcomes of a Phase 3 Randomized Clinical Trial - Qing Zhong, *Z.X. Shang-Guan* (China)

09:45 - 09:55 **O020** - Utility of Abdominal Drain in Gastrectomy (ADiGe) Trial: a multicenter non-inferiority randomized trial - Jacopo Weindelmayer, *mengardo, Torroni, de Manzoni, Rosati, Elmore, De Pascale, Ascari, Gualtierotti, Ferrari, Milone, De Palma, Baiocchi, Totaro Dalmonte Deruvo Morgagni Solaini Casadei Verlato Reddavid* (Italy)

08.30 - 10.00 hrs Free paper oral

Room: Paris 0.5

S06 What's new in endocrine surgery?

Stream: Solid organs / endocrine / general

Chairs: Barbara Seeliger (France), Aristotelis Kechagias (Greece)

08.30 - 08.45 What's new in thyroid surgery? - Schelto Kruijff (The Netherlands)

08.45 - 09.00 Posterior retroperitoneoscopy for the resection of large adrenal masses - Aristos Kechagias (Greece)

09:00 - 09:10 **O021** - Fluorescence-Guided Minimally-Invasive Resection Of Abdominal Paragangliomas Using Indocyanine Green - Martijn van Dam, *A.S.L.P Crobach, B. Boekestijn, EPM Corssmit, BA Bonsing, A.L. Vahrmeijer, J.S.D. Mieog* (The Netherlands)

09:10 - 09:20 **O022** - Cancer Risk In Secreting Adrenal Lesions: state of the art among Italian general surgeons. The CRISAL survey. - Diletta Corallino, *P.R Passera, I.M Inama, CRISAL Collaborative Group* (Italy)

09:20 - 09:30 **O023** - Indocyanine Green (ICG) Fluorescent imaging in Laparoscopic Adrenalectomies: A useful tool in a surgeon's arsenal? Our initial experience - Panagiotis Metaxas, *D. Stergiou, K. Polyzois, E. Kefalou, A. Paraskeva, E. Mavrodimitraki, N. Mamidas, V. Stamatoukou, M. Psarologos, C. Kyzeridis, S. Stavropoulos, M. Sotiropoulou, A. Kolinioti, V. Drakopoulos S. Kapisiris* (Greece)

09:30 - 09:40 **O024** - Posterior retroperitoneoscopic adrenalectomy: outcomes from a 10-year prospective cohort - David Saavedra-Perez, *M. Manyalich, P. Gonzalez, R. Hu-Zhu, E. Butori, P. Dominguez, M.M. Llompant, M. Valentini, M.A. Lopez-Boado, R. Rull, O. Vidal* (Spain)

09:40 - 09:50 **O025** - LAPAROSCOPIC BILATERAL ADRENECTOMY WITH LEFT ADRENAL-SPARING IN A PATIENT WITH MEN IIB SYNDROME 0.8. VIDEO PRESENTATION - Chrysanthi Aggeli, *V Theocharidis, K Pateas, C Parianos, A Katseli, A Nastou, N Korkanas, I Resta, D Stratigakos, G.N Zografos* (Greece)

09:50 - 10:00 **O026** - Minimally Invasive Surgery Compared with Laparotomy for Interval Debulking After Neoadjuvant Chemotherapy in Women with Advanced Ovarian Cancer. A Systematic Review and A Meta-Analysis - Flaviu Ionut Faur (Romania)

08.30 - 10.00 hrs Free paper oral

Room: Rome 0.8

S07 What's new in hepatic-pancreatic surgery?

Stream: HPB

Chairs: Yoo-Seok Yoon (Korea), Luca Morelli (Italy)

08.30 - 08.45 What's new in HPB surgery? - Yoo-Seok Yoon (Korea)

08.45 - 09.00 Update on the dragon trial - Sinead James (The Netherlands)

09:00 - 09:10 **O027** - Significance of repeated laparoscopic liver resection for recurrent HCC after curative treatment - YUJI IIMURO, *A. TAKANO, K. AMEMIYA, Y. HIROTSU, H. MOCHIZUKI, S. OBI, M. OMATA* (Japan)

09:10 - 09:20 **O028** - AI-Assisted Intraoperative Navigation for Safe Right Liver Mobilization during Pure Laparoscopic Donor Right Hepatectomy - Namkee Oh, *M. Lim, C.W. Cho, G.S. Choi* (Korea)

- 09:20 - 09:30 **O029** - Assessing textbook outcomes following minimally-invasive major hepatectomies: an international multicenter study of 5291 patients - Brian Goh, T.C.D. Long, B. Edwin, D. Fuks, L. Aldrighetti, M. Abu Hilal, K.H. Chen, R. Liu, H.S. Han, W. Zhang, T.T. Cheung, M. D'Hondt, C.C. Yong, J. Pratschke A. Sugioka I. Sucandy M. Yin P. Herman G.M. Ettorre A. Ferrero X. Liang (Singapore)
- 09:30 - 09:40 **O030** - Minimally invasive versus open pancreatoduodenectomy for pancreatic and periampullary neoplasm (DIPLOMA-2): an international patient-blinded randomized trial - Nine de Graaf (The Netherlands)
- 09:40 - 09:50 **O031** - Adjuvant chemotherapy following surgery for adenocarcinoma arising from intraductal papillary mucinous neoplasia and impact on recurrence and survival: ADENO-IPMN study - James Lucocq, A-IPMN collaborative, S. Pandanaboyana (United Kingdom)

08.30 - 10.30 hrs workshop

Room: Lisbon 0.7

WS4 Stapling (sponsored by J&J through an unrestricted educational grant)

Director: Tan Arulampalam (UK). Tutors: Nienke Warnaar (UK), Audrius Dulskas (Lithuania), Ben Griffiths (UK), Anna Palepo (UK)

08.30 - 08.45 Stapling technology and principles of safe stapling

08.45 - 09.00 Tips, tricks and pitfalls

09.00 - 10.15 Simulator

10.15 - 10.30 Debrief and close

Educational objective:

- To understand the principles of stapling technology
- To understand the current techniques of extracorporeal anastomosis
- To have hands on experience with devices
- To have case based discussions on tips, tricks and pitfalls

10.00 - 10.30 hrs Break

10.30 - 12.00 hrs Scientific

Room: Auditorium 1

S08 How to start: laparoscopic cholecystectomy

Stream: All

Chairs: James Ellsmere (Canada), Franck Billmann (Germany)

10.30 - 10.45 Instruments - Ranbir Singh (India)

10.45 - 11.00 Anatomical landmarks - Ludovica Baldari (Italy)

11.00 - 11.15 Indications - Philip de Reuver (The Netherlands)

11.15 - 11.30 Complications - Emina Letić (Bosnia & Herzegovina)

11.30 - 11.45 How to make your lap cholecystectomy more sustainable - Myrthe Eussen (The Netherlands)

11:45 - 11:55 **O032** - ComParis 0.5 on of inflammatory markers in low pressure pneumoperitoneum vs standard pressure in laparoscopic cholecystectomy: A Randomized Control Trial. - YASHWANT SINGH RATHORE, SRIKANTH, SC CHUMBER (India)

10.30 - 12.00 hrs Scientific

Room: Auditorium 2

S09 Image Guided Surgery

Stream: Technology

Chairs: Manish Chand (UK), Mahdi Al-Taher (UAE)

- 10.30 - 10.45 Immersive navigation for rectal cancer training - Antonino Spinelli (Italy)
10.45 - 11.00 Preliminary clinical results of fluorescent guided surgical oncology - Alex Vahrmeijer (The Netherlands)
11.00 - 11.15 In vivo tissue differentiation using hyperspectral technology - Gabrielle Tuijthof (The Netherlands)
11.15 - 11.30 3D printing in surgery - an update - Francisco Sánchez-Margallo (Spain)
11:30 - 11:40 **O033** - Advancing Minimally Invasive Medical Device Development: The ENGINE Model's Impact in Academia-Industry-Government Collaboration - Yuki Ushimaru, T Kato, M Sasaki, T Hata, M Hosaka, H Eguchi, Y Doki, K Nakajima (Japan)
11:40 - 11:50 **O034** - USE OF INDOCYANINE GREEN FLUORESCENCE TO PREDICT LEFT COLON ISCHEMIA AFTER OPEN ELECTIVE ABDOMINAL AORTIC ANEURYSM REPAIR - Daniele Bernardi, C. FROIO, D.M. AVISHAY, E. VICO, A. LOVECE, M. SOZZI, P. MILITO, P. RIGHINI, D. MAZZACCARO, S. SIBONI, G. NANO, E. ASTI (Italy)
11:50 - 12:00 **O035** - First fluorescence experience with Versius robotic platform for lymphatic mapping - Francisco M. Sánchez-Margallo, M.J. Pérez-Salazar, L. Salazar Carrasco, J.A. Sánchez-Margallo (Spain)

10.30 - 12.00 hrs Scientific

Room: Sydney 0.10

S10 EAES & JSES Minimally invasive oesophageal surgery: East meets West

Stream: UGI

Chairs: Noriyuki Inaki (Japan), Richard van Hillegersberg (The Netherlands), Jessie Elliott (Ireland)

- 10.30 - 10.45 Surgical anatomy of the mediastinum - Miguel A. Cuesta (The Netherlands)
10.45 - 11.00 Lower mediastinal dissection and esophagogastrotomy via the trans hiatal approach - Yukinori Kurokawa (Japan) JSES
11.00 - 11.15 Robotic upper mediastinal lymph node dissection for oesophageal cancer - Hiroyuki Daiko (Japan) JSES
11.15 - 11.30 RAMIE versus MIE - Peter Grimminger (Germany) EAES
11.30 - 11.45 Robotic mediastinal lymph node dissection - Mark van Berge Henegouwen (The Netherlands) EAES

10.30 - 12.00 hrs Scientific

Room: Cape Town 0.11

S11 Education in MIS in Africa and the Middle East

Stream: All

Chairs: Ahmad Nassar (UK), Jaime Vilaça (Portugal)

- 10.30 - 10.45 Obesity in Arab countries and the development of bariatric surgery training - Faheem El Bassiouny (Egypt)
10.45 - 11.00 Women at the forefront of minimally invasive surgery in African countries - Khadija Zouari Limayem (Tunisia)
11.00 - 11.15 My journey to become a surgeon in Africa - Gloria Dushimirimana (Rwanda)
11.15 - 11.30 Research into minimally invasive surgery in low-income countries - Ravi Oodit (South Africa)
11.30 - 11.45 A surgeon's experience of a post-COVID medical outreach in the northern region of Kenya - Jan Stoot

10.30 - 12.00 hrs Scientific

Room: Brussels 0.4

S12 How to start new technologies in colorectal surgery

Stream: Colorectal

Chairs: Thomas Carus (Germany), Martine Moosdorff (The Netherlands)

- 10.30 - 10.45 The usefulness of mixed reality with holograms in colorectal surgery - Umberto Bracale (Italy)
- 10.45 - 11.00 Intraoperative and postoperative complications during laparoscopic colorectal procedures - Dorin Ziyaie (UK)
- 11.00 - 11.15 Robotic LAR step-by step - Victor Tomulescu (Romania)
- 11.15 - 11.30 Use of ICG in colorectal and bariatric surgery - Thomas Carus (Germany)
- 11:30 - 11:40 **O036** - Be prepared! Impact of structured video-assisted coaching on surgical performance - Dimitrios Chatziisaak, M. Sparr, W. Brunner, B. Schmied, D. Hahnloser, S. Bischofberger (Switzerland)
- 11:40 - 11:50 **O037** - An International Consensus for Enhancement of Laparoscopic Surgical Training - Josephine Walshaw, J Long, S Sedman, D Garcia-Olmo, H Guadalajara, B Van Cleynebreugel, D Sharma, C.S Biyani, B Patel, W Lam, A Harikrishnan, J.G Rivas, J Robinson, T Ribeiro de Oliveira R Sanchez-Salas R Tourinho-Barbosa T Arulampalam N Francis M Yiasemidou (United Kingdom)
- 11:50 - 12:00 Robotic abdominoperineal resection with enbloc pelvic lymph node dissection for anal canal melanoma. - YOGESH BANSOD, TEJAS. VISPUTE, ANKIT. SHARMA, SANJAY. SINGH, MUFADDAL. KAZI, ASHWIN. DESOUZA, AVANISH SAKLANI (India)

10.30 - 12.00 hrs Free paper

Room: Paris 0.5

S13 Best videos on colorectal surgery

Stream: Colorectal

Chairs: Christos Kontovounisios (UK), Adnan Satrovic (Bosnia & Herzegovina)

- 10:30 - 10:40 CME with paraaortic node dissection for isolated metastatic right colon cancer - Feras AlJarad, K. Campbell, SW Walsh (United Kingdom)
- 10:40 - 10:50 Three-port Laparoscopic Right Hemicolectomy with Natural Orifice Specimen Extraction Technique. - Tingyu Mou, Tingyu Mou, HJ Deng, K Sun (China)
- 10:50 - 11:00 HOW WE DO IT: LAPAROSCOPIC PERINEAL HERNIA REPAIR AFTER ABDOMINOPERINEAL RESECTION - Manuela Mastronardi, M. Sandano, B. Casagranda, N. de Manzini, S. Palmisano (Italy)
- 11:00 - 11:10 Laparoscopic complete mesocolon excision with D3 lymphadenectomy with a top to down approach. An attempt to facilitate the dissection. - FILIPPO BANCHINI, A.R Romboli, G.P Palmieri, E.L Luzietti, C.P Prioriello, P.C Capelli (Italy)
- 11:10 - 11:20 Laparoscopic right colectomy with D3 lymphadenectomy and Spiegel lobe resection Indocyanine-green guided. - Gian Mario D'Ambrosio, E.U Ballester Vázquez, J.E Bollo Rodríguez, V.I Molina Santos, E.D Targarona Soler, S.A Sánchez Cabús, A.L Alonso Valles, C.A Vera Vasquez, A.L Visci Vera, A.N Moral Duarte (Italy)
- 11:20 - 11:30 Laparoscopic surgery for anastomotic leaks after left colectomies - Sandra González Abós, Romero, Cuenca, Sampson, Altet, Delgado (Spain)
- 11:30 - 11:40 Laparoscopic Excision of Presacral Teratoma in Patient affected by Currarino Syndrome - Francesca Marcucci, L. Baldari, E. Cassinotti, L. Boni (Italy)
- 11:40 - 11:50 Step-by-step Technical Tips: Laparoscopic Left Hemicolectomy for Proximal Sigmoid Colon Cancer - Nur Ramoglu, I.A. Bilgin, M. Tanal, B. Baca, I. Hamzaoglu, T. Karahasanoglu (Turkey)
- 11:50 - 12:00 Hugo-RAS Right Hemicolectomy and Sigmoidectomy - Juan-Manuel Romero-Marcos, S González-Abós, J Altet Torné, M.L. Galaviz-Sosa, J.G. Sampson Dávila, C Cuenca-Gómez, S Delgado-Rivilla (Spain)

10.30 - 12.00 hrs Scientific

Room: Rome 0.8

S14 Fire in the OR; FUSE programme

Stream: All

Chairs: Catalin Copaescu (Romania), Manuel Sanchez Casalongue (Spain), Audrey Jongen (The Netherlands)

- 10.30 - 10.35 Introduction FUSE - Catalin Copaescu (Romania)
10.35 - 10.50 Surgical energy - The principles we need to know - Bogdan Smeu (Romania)
10.50 - 11.05 Handling monopolar systems without complications - Marta Botti (Italy)
11.05 - 11.20 Bipolar devices - efficiency and safety - Clarisa Barlog (Romania)
11.20 - 11.35 Stray energy in laparoscopic & robotic surgery - Ana Senent Boza (Spain)
11.35 - 11.50 Implantable devices - what do the MIS surgeons need to know? - Audrey Jongen (The Netherlands)

FUSE booth in the exhibition area.

Booth coordinator:

Bogdan Smeu (Romania)

Booth faculty:

Audrey Jongen (The Netherlands)

Francesco Maria Carrano (Italy)

Ana Senent Boza (Spain)

Marta Botti (Italy)

12.00 - 12.20 Lecture

Room: Auditorium 1

S15 Jacques Périssat lecture

Stream: All

Neither here, nor there, but all good - my personal journey with equality, diversity, and inclusion - Neeraj Bhasin (UK)

Introduction by: Nicole Bouvy (The Netherlands)

12.20 - 14.00 Lunch break

12.30 - 13.30 Meet the expert lunch (ME) in MECC @ table (registration required)

1. Pancreatic surgery - Misha Luyer (The Netherlands)
2. Hernia surgery - Eva Deerenberg (The Netherlands)
3. Image guided surgery - Woo Jin Hyung (Korea)
4. Bariatric surgery - Eric Hazebroek (The Netherlands)
5. Robotic surgery - Delia Cortes-Guiral (Spain)
6. UGI - Milos Bjelovic (Serbia)
7. Colorectal surgery - Patricia Sylla (USA)
8. Liver - Ulf Neumann (Germany)
9. Editor Surgical Endoscopy journal - Jaap Bonjer (The Netherlands)

12.45 - 13.45 Satellite symposium Stryker Endoscopy in room Sydney 0.10

13.15 - 13.45 Satellite symposium Olympus Europe in room Brussels 0.4

12.45 - 13.45 Satellite symposium Shenzhen Mindray Bio-Medical Electronics in room Paris 0.5

14.00 - 15.00 hrs Free paper

Room: Auditorium 1

S16 Intuitive - EAES robotics award

Stream: Technology

Chairs: Luigi Manfredi (UK), Hans Fuchs (Germany)

14:00 - 14:10 **O038** - Outcomes of 700 Robot-assisted pancreaticoduodenectomies - Hye-Sol Jung, Han, Yun, Cho, Lee, Kwon, Jang (Korea)

- 14:10 - 14:20 **O039** - Evaluation of Benefit of Robotic Pancreatoduodenectomy (PD) focusing on Pancreatic Fistula as well as complication comparing with Open PD using Alternative Fistula Risk Score - Hyesol Jung, C. Assawasirisin, Y Han, W Kwon, M Lee, W Yun, Y Chae, J Jang (Thailand)
- 14:20 - 14:30 **O040** - robotic vs. lapaROscopic vs. Open approach in gallbladder cancer (IRON): an international multicenter study - Benedetto Ielpo, S. Cremona, MV. d'Addetta, G. Di Franco, N. Furbetta, P. Sanchez-Velazquez, F. Burdío, PC. Giulianotti, L. Morelli (Spain)
- 14:30 - 14:40 **O041** - Ex vivo trial of dynamic traction during endoscopic submucosal dissection using a novel soft robotic system - Mark Runciman, J. Avery, P. Mascagni, I. Boskoski, F. Barbaro, S. Pecere, L. G. Papparella, C. Spada, G. Mylonas (United Kingdom)
- 14:40 - 14:50 **O042** - Short-term outcomes of da Vinci SP versus Xi for rectal cancer surgery. A propensity-score matching analysis of multicenter cohorts - Min Hyun Kim, J.L. Lee, H Lee, S Yang, Y.S. Yoon (Korea)
- 14:50 - 15:00 **O043** - Skill progress during a dedicated robotic surgery training curriculum including several robotic surgery platforms - Matteo Pavone, Barbara Seeliger, M. Pavone, W. Schröder, C.M. Krüger, A.H. Hernandez-Lara, C.J. Bruns, G. Scambia, D. Mutter, J. Marescaux, H.F. Fuchs (Italy)

14.00 - 15.00 hrs Free paper

Room: Auditorium 2

S17 EAES research grant and sandpit winners

Stream: All

Chairs: Lisa Massey (UK), Monica Ortenzi (Italy), Piers Boshier (UK)

- 14.00 - 14.07 Sandpit 2023: Development of consensus for GI trainees in robotics - Michael Fadel (UK)
- 14.07 - 14.14 Sandpit 2023: SMARTGLASS Application for Remote Training in General Laparoscopic Surgery (SMARTGLASS): A multi-centre pilot study - Bright Huo (Canada)
- 14.15 - 14.30 Research grant 2020: A pilot study to assess the safety and feasibility of sentinel lymph node identification in colon carcinoma using ICG-Nanocolloid - Bart van de Laar / Daan Sikkenk (The Netherlands)
- 14.30 - 14.45 Research grant 2020: The UGIRA International Registry for Robot-Assisted Minimally Invasive Gastrectomy (RAMIG) for gastric cancer - Richard van Hillegersberg (The Netherlands)
- 14.45 - 15.00 EAES Research grant survey - Marina Yiasemidou (UK)

14.00 - 15.00 hrs Free paper

Room: Sydney 0.10

S18 Best videos on bariatric surgery

Stream: Bariatrics

Chairs: Catalin Copaescu (Romania), Eric Hazebroek (The Netherlands)

- 14:00 - 14:10 Malnutrition after obesity surgery - revision surgery - Ana Munhoz (Portugal)
- 14:10 - 14:20 Total Gastrectomy for Gastric Cancer following Single Anastomosis Sleeve-Jejunal Bypass; A Video Report - Rahmatullah Athar, ALIREZA khalaj, RAHMATULLAH athar, FAHEMEH yarigholi, SHAHAB shahabi (Iran)
- 14:20 - 14:30 Pouch reshaping and biliary limb distalization for insufficient weight loss after Roux-en-Y Gastric Bypass - Gil Faria, RS Peixoto, M Nunes, JP Gonçalves, AP Soares-Moreira (Portugal)
- 14:30 - 14:40 Single anastomosis duodeno-ileal bypass with sleeve gastrectomy (SADI-S) revision and conversion to one anastomosis gastric bypass (OAGB) after severe protein-

calorie malnutrition - Mara Nunes, *P.S Moreira, R Peixoto, T Rama, J.P Gonçalves, G Faria* (Portugal)

14:40 - 14:50 Emergency intraoperative conversion of SADI-S to OAGB for duodenal stump perforation - Mateusz Wityk, *N Dowgiatto-Gornowicz, M Bobowicz* (Poland)

14:50 - 15:00 Robot-assisted Roux-en-Y gastric bypass in a obese patient with new robotic platform (Hugo RAS) - Pierpaolo Gallucci, *F. Pennestrì, G. Marincola, P. Procopio, L. Ciccoritti, F. Greco, P. Giustacchini, M. Raffaelli* (Italy)

14.00 - 15.00 hrs Free paper

Room: Cape Town 0.11

S19 Best videos on retroperitoneal and splenic surgery

Stream: Solid organs / endocrine / general

Chairs: Kevin Wevers (The Netherlands, Marta Botti (Italy)

14:00 - 14:10 RETROPERITONEOSCOPY FOR LEFT JUXTARRENAL PARAGANGLIOMA, GUIDED BY 3D RECONSTRUCTION Maria Gallego Gotor, *J.I. Pérez García, J.M. Gaya Sopena, M Clos Enríquez, M Solans Solerdelcoll, I Larrañaga Blanc, J.A. González López, A Moral Duarte* (Spain)

14:10 - 14:20 Feasibility of Prosterior Retroperitoneoscopic Adrenalectomy in the resection of large masses in the super-obese: an example of a > 8 cm right adrenal adenoma resection in a patient with BMI > 57 - Aristotelis Kechagias, *R. van Hillegersberg, M. Vriens, N. Kritikos* (Greece)

14:20 - 14:30 Lateral Trans-abdominal Adrenalectomy with the new robotic platform Hugo™ RAS - Francesco Pennestrì, *P F Procopio, N Voloudakis, P Gallucci, C De Crea, M Raffaelli*, (Italy)

14:30 - 14:40 LAPAROSCOPIC VERSUS RETROPERITONEAL ENDOSCOPIC ADRENALECTOMY FOR ADRENAL TUMORS - A COMPARATIVE VIDEO - Chrysanthi Aggeli, *V Theocharidis, C Parianos, K Pateas, D Stratigakos, D Kapnias, A Katseli, G.N Zografos* (Greece)

14:40 - 14:50 Robotic resection with vascular reconstruction of splenic aneurysm - Marta Botti, *A Pietrabissa, V Gallo, A Peri* (Italy)

14:50 - 15:00 Laparoscopic Resection of Large Multiple Splenic Artery Aneurysms without Splenic-Pancreatectomy - Ludovica Baldari, *L Boni, M Porta, B Giuliani, E Cassinotti* (Italy)

14.00 - 15.00 hrs Scientific

Room: Brussels 0.4

S20 Best videos on upper GI surgery

Stream: UGI

Chairs: Calin Popa (Romania), Aung Myint Oo (Singapore)

14:00 - 14:10 Laparoscopic surgical approach for Boerhaave syndrome - Diana Schlanger, *V. Rednic, A. Hadade, C. Popa* (Romania)

14:10 - 14:20 Giant esophageal Leiomyoma approached by minimally invasive surgery - Maria do Carmo Girão, *F. Brito Silva, F. Cabral, P. Ramos, C. Monteiro, R. Casaca* (Portugal)

14:20 - 14:30 Different anatomical patterns of recurrence in REDO surgery for paraesophageal hernia. Tips and Tricks in revisional surgery. - Andrea Norte García, *C. Vila Riera, A. Molera Espelt, L. Sala Vilaplana, E. Julià Verdaguer, S. Fernández-Ananín* (Spain)

14:30 - 14:40 A minimally invasive approach to a unique case of Boerhaave Syndrome - Jia Yi Yeo, *C Yeo, M.O Aung* (Singapore)

14:40 - 14:50 Stranger complications of upper gastrointestinal surgeries - Thrilok Gowda, *Ajay Bhandarwar, G. Bakhshi, A. Wagh, S. Bhondve, K. Ansari, H. Padekar, A. Dutt, S. Dandge, P. Nagwani* (India)

14:50 - 15:00 Conversion from Nissen fundoplication to laparoscopic Toupet fundoplication for persistent dysphagia - Paolo Fabiano (Spain)

14.00 - 15.00 hrs Free paper

Room: Paris 0.5

S21 Communications on liver and biliopancreatic surgery

Stream: HPB

Chairs: Jaime Vilaça (Portugal), Tarek Katbeh (UK)

- 14:00 - 14:10 **O044** - Preparation and Management for Control of Bleeding in Laparoscopic Parenchymal-Sparing Hepatectomy for Lesions with Proximity to Major Vessels in Posterosuperior Liver Segments 7 and 8 - Katagiri Hirokatsu, NITTA Hiroyuki, KANNO Syoji, UMEMURA Akira, TAKEDA Daiki, ANDO Taro, AMANO Satoshi, KAWASHIMA Toma, KIKUCHI Koji, KUCHIDA Syuta, SASAKI Akira (Japan)
- 14:10 - 14:20 **O045** - Utility of near infrared fluorescence imaging for detection of colorectal liver metastases during minimally invasive liver resection: prospective single centre Italy study. - Gaetano Piccolo, M. Barabino, R. Masserano, S. Pinto, C. Verrusio, P. Bianchi (Italy)
- 14:20 - 14:30 **O046** - ComParis 0.5 on of peri- and postoperative outcomes after minimally invasive and open distal pancreatectomy - a propensity score matched analysis - Alexa Fries, L. Kroesen, O. Radulova-Mauersberger, E. Geißler, J.P. Bereuter, N. Buck, J. Weitz, M. Distler, F. Oehme, F. von Bechtolsheim (Germany)
- 14:30 - 14:40 **O047** - The advantages of using barbed sutures for hepaticojejunostomy during robotic pancreatoduodenectomy: a single-centre case-matched study - Annalisa Comandatore, Luca Morelli, A Comandatore, N Furbetta, S Guadagni, G Di Franco, M Palmeri, F Vagelli, N Ramacciotti, A Crovetto, A Aoun, O Ujka, G Di Candio (Italy)
- 14:40 - 14:50 **O048** - ComParis 0.5 on between early experiences of pure robotic right hepatectomy and open hepatectomy for liver donors. - JANG EUN JEONG, K W K Kwan Woo (Korea)
- 14:50 - 15:00 Techniques and short-term outcomes of laparoscopic anatomic liver resection of segment 7 or 8 – Yusuke Ome, G. Honda, T. Tanahashi, C. Ubukata, Y. Kawamoto, M. Yutaro, K. Hashida, S. Ariizumi (Japan)

14.00 - 15.00 hrs Free paper

Room: Rome 0.8

S22 Communications on gastric and oesophageal resection

Stream: UGI

Chairs: Dolores Krauss - Müller (Germany), Ana Senent Boza (Spain)

- 14:00 - 14:10 **O049** - Reduced-ports Robotic Pylorus-preserving Gastrectomy (RP-RPPG) for Early Gastric Cancer - So Kang, Y.S Park, S.H Ahn, Y.S Yun-Suhk (Korea)
- 14:10 - 14:20 **O050** - Outcomes and feasibility of robotic hand-sewn esophago-gastric anastomosis after esophagectomy: a retrospective analysis of ten consecutive cases - Pietro Anoldo, G. D. De Palma, M. Milone (Italy)
- 14:20 - 14:30 **O051** - Profile of a perfect outcome (Clavien Dindo 0) after robotic assisted minimally invasive Ivor-Lewis esophagectomy (RAMIE) - Dolores Mueller, Brunner, J.A. Eckhoff, T Soltesz, C Storms, A Reisewitz, Y Xu, W Schröder, T Schmidt, C.J. Bruns, H.F. Fuchs (Germany)
- 14:30 – 14:40 Nationwide Association Between Surgical Performance of Minimally Invasive Esophagectomy and Patient Outcomes - Frans van Workum (The Netherlands)
- 14:40 - 14:50 A full-robotic Ivor-Lewis esophago-gastrectomy with the use of Indocyanine green with the da Vinci Xi - Annalisa Comandatore, Luca Morelli, N Furbetta, S Guadagni, G Di Franco, M Palmeri, F Vagelli, N Ramacciotti, A Crovetto, B Bechini, G Di Candio (Italy)
- 14:50 - 15:00 Robotic hand-sewn anastomosis after gastrectomy: techniques. - Graziano Ceccarelli, M. De Rosa, F. Gubbiotti, R. Scarponi, L. Mariani, F. Rondelli (Italy)

15.00 - 16.30 hrs Scientific

Room: Auditorium 1

S23 Robotic surgery: 2024 and beyond

Stream: Technology

Chairs: Hans Fuchs (Germany), Wanda Petz (Italy), Beat Müller (Germany)

- 15.00 - 15.15 What to expect from new tools for the Medtronic HUGO - Yoav Mintz (Israel)
- 15.15 - 15.30 Hybrid robotic surgery with Dexter: How far can we go? - Benjamin Babic (Germany)
- 15.30 - 15.45 Experience from over 500 CMR procedures - Lutz Mirow (Germany)
- 15.45 - 16.00 Ergonomic insights in robotic surgery, using the DaVinci System - Dolores Krauss - Müller (Germany)
- 16.00 - 16.15 How to transform a surgical robot into a sustainable tool - Tim Horeman (Netherlands)
- 16:15 - 16:25 **O052** - ROBOTIC CME IN 110 CONSECUTIVE CASES: FEASIBILITY AND OUTCOMES - Igor Monsellato, *T Gatto*, *A.C Chahrour Chaouki* (Italy)

15.00 - 16.30 hrs Scientific

Room: Auditorium 2

S24 EAES & NVEC & DFGS How to magnify the surgical eye

Stream: Technology, all, scrub nurse

Chairs: Sven Mieog (The Netherlands), Danique Heuvelings (The Netherlands), Silvia Quaresima (Italy)

- 15.00 - 15.15 Ultrasound in surgical practice - Calin Tiu (Romania)
- 15.15 - 15.30 Fluorescence guided surgery to reduce anastomotic leakage (AVOID trial) - Denise Hilling (The Netherlands)
- 15.30 - 15.45 The future of fluorescence surgery - Alexander Vahrmeijer (The Netherlands)
- 15.45 - 16.00 Practical tips and tricks in fluorescence surgery - Luigi Boni (Italy)
- 16.00 - 16.15 Image guided navigation to improve surgical precision and oncological outcome - Koert Kuhlmann (The Netherlands)
- 16:15 - 16:25 **O053** - Fluorescent signals are more varied in benign and malignant rectal lesions compared to normal tissue: an analysis of fluorescence angiography of rectal lesions - Patrick Boland, *Singaravelu*, *McEntee*, *Moynihan*, *Hardy*, *Cahill* (Ireland)

15.00 - 16.30 hrs Free paper award

Room: Sydney 0.10

S25 EAES Video Award

Stream: All

Chairs: Suzanne Gisbertz (The Netherlands) Milos Bjelovic (Serbia), Salvador Morales Conde (Spain)

- 10:30 - 10:40 DIFFERENTIAL TECHNICAL ASPECTS BETWEEN COMPLETE EXCISION OF THE MESOCOLON AND D3 LYMPHADENECTOMY IN LAPAROSCOPIC RIGHT HEMICOLECTOMY - Eugenio Licardie, *P. Velayos-García*, *L. Navarro-Morales*, *F. Moreno-Suero*, *S. Morales-Conde* (Spain)
- 10:40 - 10:50 Transoral Endoscopic Thyroid Isthmusectomy for a single isthmic thyroid nodule: a case report and step-by-step technique - Ana Ferreira, *S. Graça*, *F. Miranda*, *H. Louro*, *J. Vilaça* (Portugal)
- 10:50 - 11:00 VATS repair of Diaphragmatic eventration- Stapler alone vs stapler with plication combined approach. - Aishwarya Mohanraj, *Ajay Bhandarwar*, *G.D. Bakhshi*, *A.N Wagh*, *K. Ansari*, *S. Bhondve*, *H.D. Padekar*, *B. Ganesan*, *P. Nagwani*, *S. Jagdale*, *A.G Rathod* (India)
- 11:00 - 11:10 Laparoscopic Cone-units Liver Resection in Segment 7 - Kazuteru Monden, *T. Iwasaki*, *M. Hioki*, *H. Sadamori*, *N. Takakura* (Japan)

- 11:10 - 11:20 Usefulness of modified hanging maneuver in laparoscopic total caudate lobectomy for hepatocellular carcinoma in paracaval portion - Yukihiro Okuda, *T Kubota, S Ashitomi, Y Nishikawa, K Shiomi, M Sakaguchi, S Kato, N Tamaki, T Mori, K Kami, K Matsuo, K Hata* (Japan)
- 11:20 - 11:30 Fully laparoscopic distal splenic pancreatectomy with prophylactic Hyperthermic Intra-Peritoneal Chemotherapy (with video) - Valentina Ferri, *R. caruso, E. Vicente, Y. Quijano, H. Duran, E. Diaz, I Fabra, L. Malave, P. Ruiz, C.J. Nappi, G. Pizzuti, A. Nieder* (Spain)
- 11:30 - 11:40 Preperitoneal LIRA, why and how to do it - Juan Ramón Gómez López, *L. Navarro Morales, E. Licardie Bolaños, F. Moreno Suero, J. Gómez Menchero, J. Bellido Luque, S. Morales-Conde* (Spain)
- 11:40 - 11:50 Vascular Mapping with Indocyanine Green in Laparoscopic Adrenalectomy - Snehal Dandge, *Ajay Bhandarwar, G. D Bakhshi, A. Wagh, K. Ansari, S. Bhondve, H. Padekar, A. Dutt, P Nagwani, J Jagdale, A. Rathod* (India)
- 11:50 - 12:00 Robotic repair of iatrogenic ureteral injury during robotic hysterectomy - Cristian Blajut, *M. Iordache, M. Iordache-Petrescu, B. Petrescu, L. Popa* (Romania)

15.00 - 16.30 hrs Scientific

Room: Cape Town 0.11

S26 EAES & TAES Teaching & training

Stream:

Chairs: Po-Li Wei (Taiwan), Ken Campbell (UK)

- 15.00 - 15.15 Surgical education in Taiwan - Chi-Chuan Yeh (Taiwan) TAES
- 15.15 - 15.30 From Taiwan to Asia - The experience of the Asian Institute of TeleSurgery & IRCAD Taiwan - Wayne Shih-Wei Huang (Taiwan) TAES
- 15.30 - 15.45 The new way of green learning - Jaap Bonjer (The Netherlands)
- 15.45 - 16.00 Learning and managing retirement - Karl-Hermann Fuchs (Germany)
- 16:00 - 16:10 **O056** - Crowd assessment of surgical skills correlates with objective skills measurement and surgical experience - Felix von Bechtolsheim, *K. Tauscher, J.P. Bereuter, M.E. Geissler, R. Geissler, S. Schmidt, N. Buck, A. Fries, J. Weitz, M. Distler, F. Oehme* (Germany)
- 16:10 - 16:20 **O057** - Does exist gender difference in performance of laparoscopic instrumentation? : An ergonomic analysis - Hye-Sol Jung, *Hee Ju, Song, Han, Lee, Chae, Yun, Cho, Kwon, Park, Jang* (Korea)
- 16:20 - 16:30 When surgery resolves the complications of techniques that avoid surgery - Juan Ramón Gómez López, *J. Trujillo Díaz, P. Concejo Cútoli, M.A. Montenegro Martín, F. Schenone, C. Jezieniecki Fernández, J.C. Martín Del Olmo* (Spain)

15.00 - 16.30 hrs Free paper

Room: Brussels 0.4

S27 Communications on colon, rectal and image-guided surgery

Stream: Colorectal

Chairs: Predag Andrejevic (Malta), Francisco Sanchez-Margallo (Spain)

- 15:00 - 15:10 **O058** - Impact of Indocyanine Green induced change or no change in surgical attitude regarding colorectal transection level during resection: meta-analysis - Ashokkumar Singaravelu, *P. Mc Entee, B. Creavin, R. Cahill* (Ireland)
- 15:10 - 15:20 **O059** - Trans Anal Minimally Invasive Surgery (TAMIS) plus Indocyanine Green mesorectal nodal sampling (IGC) in treatment of rectal cancer in selected patients - Ilaria Benzonj, *M.F Fricano, A.D Dendena, L.Q Quarti, M.B Bonafede, C.B Bettini, M.D Montani, G.G Grizzi, M.B BOnomi, S.B Sarah, R.G Grassia, L.C Laurenza, B.F Frittoli, A.C Celotti G.B Baiocchi* (Italy)

- 15:20 - 15:30 **O060** - Current Status of Minimally Invasive Surgery in Laparoscopic Total Pelvic Exenteration for Advanced and Recurrent Rectal Cancer - Mamoru Uemura, C Kusunoki, N Takiguchi, M Paku, M Takeda, Y Sekido, T Hata, A Hamabe, T Ogino, N Miyoshi, T Kato, Y Doki, H Eguchi (Japan)
- 15:30 - 15:40 **O061** - Is the quality of total mesorectal excision specimens for rectal cancer still important in the era of minimally invasive surgery? - SungUk Bae, KE Kim, WK Jeong, SK Baek (Korea)
- 15:40 - 15:50 **O062** - NIR Fluorescence tattooing: a new approach for endoscopic marking of tumors in minimally invasive colorectal surgery using a persistent near infrared marker - Michael Thomaschewski, M Lipp, C Engelke, J Harder, I Labod, T Keck, K Mittmann (Germany)
- 15:50 - 16:00 **O063** - Learning curves for minimally-invasive Intersphincteric resection using risk-adjusted cumulative sum curves - SANJAY SINGH, M.U.F.A.D.D.A.L KAZI, T. VISPUTE, A. SHARMA, Y. BANSOD, A. DESOUZA, A. SAKLANI (India)
- 16:00 - 16:10 **O064** - A multicenter randomized controlled trial to evaluate the length of hospital stay of intracorporeal versus extracorporeal anastomosis in minimally invasive colectomy for colon cancer (CONNECT study) - Jun Watanabe, M Numata, Y Suwa, Y Atsumi, H Suwa, E Ota, T Ishizaki, J Mazaki, R Udo, A Ishibe, M Ozawa, M Uemura, T Hata, C Kunisaki I Endo (Japan)
- 16:10 - 16:20 **O065** - ComParis 0.5 on of tube ileostomy to Brook ileostomy in stage-III rectal cancer surgery - Ernesto Barzola, W Attallah, O Faruk, O Inanc, M Gachavayoy, M Felsenreich, M Javadov, R Bergamaschi (Spain)
- 16:20 - 16:30 **O066** - Bedside endoscopic assessment of colorectal anastomoses in the early postoperative period: a two-centre feasibility study - David Nijssen, R. Hompes, J. Tuynman, J.K. Wiggers, W.A. Bemelman, S. Sahid, J. Kinross, W. Laméris (The Netherlands)

15.00 - 16.30 hrs Free paper

Room: Paris 0.5

S28 Communications on oesophageal cancer

Stream: UGI

Chairs: Amir Szold (Israel), Jessie Elliot (UK)

- 15:00 - 15:10 **O067** Lymph node resection of the mid-upper mediastinum for esophageal cancer in robot-assisted cervical esophagectomy (RACE) – an experimental cadaver study - Romy van Jaarsveld, J.E. Freund, L.A.A. Brosens, P.P. Grimminger, K. Beukenkamp, M.B.H. Rondhuis, R.L.A.W. Bleys, J.P. Ruurda, R. van Hillegersberg (The Netherlands)
- 15:10 - 15:20 **O068** - The distribution pattern of lymph node metastases in esophageal cancer post robot-assisted minimally invasive esophagectomy (RAMIE): Implications for lymphadenectomy - Maxime Sanders, E. de Groot, R. den Boer, J.E. Freund, N. Haj Mohammad, S. Mook, J.P. Ruurda, R. van Hillegersberg (The Netherlands)
- 15:20 - 15:30 **O069** - Extent and boundaries of lymph node stations during minimally invasive esophagectomy: a survey among Dutch Esophageal Surgeons - Sofie Henckens, M.H.M. Ketel, D.C. van der Aa, C. Rosman, M.I. van Berge Henegouwen, B.R. Klarenbeek, S.S. Gisbertz- (The Netherlands)
- 15:30 - 15:40 **O070** - Quantification of fluorescence angiography for visceral perfusion assessment: measuring agreement between two software algorithms - David Nijssen, J.J. Joosten, J. Osterkamp, R.M. van den Elzen, D.M. de Bruin, M.B.S. Svendsen, M.W. Dalsgaard, S.S. Gisbertz, R. Hompes, M.P. Achiam, M.I. van Berge Henegouwen (The Netherlands)

- 15:40 - 15:50 **O071** - Micronutrient insufficiency after surgery for oesophagogastric neoplasms: a prospective intervention study called the VITAMIN study - Lisa Van Der Velden, Sam Bartz, A.L. Van Der Velden, G.H.E.J. Vijgen, M.N. Sosef (The Netherlands)
- 15:50 - 16:00 **O072** - IMPACT OF MULTI-DRUG RESISTANT INFECTIONS ON SURGICAL OUTCOMES OF PATIENTS UNDERGOING ESOPHAGECTOMY FOR CANCER - Lucia Moletta, I. S. Zuin, G. Capovilla, G. Zanchettin, M. Pittacolo, F. Riccio, R. Salvador, L. Provenzano, E.S. Pierobon, A. Scarton, M. Valmasoni- (Italy)
- 16:00 - 16:00 **O073** - Additional value of cervical ultrasonography in the detection of cervical lymph node metastases in patients with esophageal cancer; were we too soon to remove it from the standard diagnostic workup? - Jasmijn van Doesburg, N. Schuring, M.H.M. Vries, K.M. Duvivier, P. de Graaf, F. Daams, M.I. van Berge Henegouwen, S.S. Gisbertz (The Netherlands)
- 16:10 - 16:10 **O074** - Current trends in robot-assisted minimally invasive esophagectomy: Insights from the Upper GI International Robotic Association (UGIRA) Registry - Cezanne Kooij, C. de Jongh, B.F. Kingma, M.I. van Berge Henegouwen, S.S. Gisbertz, Y.K. Chao, P.W. Chiu, P. Rouanet, A. Mourregot, A. Immanuel, T. Mala, G.I. van Boxel, N.C. Carter, H. Li H.F. Fuchs C.J. Bruns S. Giacomuzzi J.C. Kalff J.P. Hölzen M.A. Juratli F. Benedix (The Netherlands)
- 16:20 - 16:30 **O075** - Evaluation of surgeon's posture during robotic assisted minimally invasive esophagectomy (RAMIE) - Dolores Mueller, S Brunner, J.A. Eckhoff, B von Reis, C Storms, A Reisewitz, T Schmidt, W Schröder, C.J. Bruns, H.F. Fuchs (Germany)

15.00 - 16.30 hrs Free paper

Room: Rome 0.8

S29 Videos on hernia repair surgery

Stream: Hernia

Chairs: Srdjan Mijatovic (Serbia), Ferdinando Agresta (Italy)

- 15:00 - 15:10 MINIMALLY INVASIVE APPROACH TO GRYNFELT HERNIA (L4) - Eugenio Licardie, L. Navarro-Morales, F. Moreno-Suero, J. Bellido-Luque, S. Morales-Conde (Spain)
- 15:10 - 15:20 Thoracoscopic plication for left diaphragmatic paralysis - Isabel Mesquita (Portugal)
- 15:20 - 15:30 LAPAROSCOPIC eTEP APPROACH FOR LATERAL VENTRAL HERNIA: STEP BY STEP - Jean Carlos Trujillo-Díaz, J.R. GÓMEZ LÓPEZ, P. CONCEJO CUTOLI, M.A. MONTENEGRO MARTIN, S. SCHENONE, C. JEZIENIECKI FERNANDEZ, J.C. MARTÍN DEL OLMO (Spain)
- 15:30 - 15:40 LAPAROSCOPIC eTEP TREATMENT OF VENTRAL HERNIAS: TIPS & TRICKS - Jean Carlos Trujillo-Díaz, J.R. GÓMEZ LÓPEZ, P. CONCEJO CUTOLI, M.A. MONTENEGRO MARTIN, S. SCHENONE, C. JEZIENIECKI FERNANDEZ, J.C. MARTÍN DEL OLMO (Spain)
- 15:40 - 15:50 Trans-abdominal pre peritoneal repair of a complex sovrapubic incisional hernia - Giovanni Distefano, S. Arolfo, C. A. Ammirati, M. Morino (Italy)
- 15:50 - 16:00 Extended totally Extraperitoneal (eTEP) associated to Transversus Abdominis Release (TAR) in the multi-recurrence ventral hernia. - Julio Gómez-Menchero, Y. Lara Fernandez, A. Aguilar Marquez, Guerrero Ramirez, L. Navarro Morales, E. Licardie Bolaños, Bellido Luque (Spain)
- 16:00 - 16:10 Laparoscopic Trans-abdominal Partially Extraperitoneal (TAPE) Repair for Atypical Incisional Hernias: A Safe and Feasible Approach - GAGAN SONI, D. Singh, Y.S. Rathore, A. Singh, P. Ranjan, S. Chumber (India)
- 16:10 - 16:20 Laparoscopic repair of post-Endoscopic Mucosal Resection caecal perforation - Adrian Harris, J. George (United Kingdom)
- 16:20 - 16:30 ROBOTIC REPAIR OF SUPRAPUBIC INCISIONAL HERNIA: RETROMUSCULAR SUBLAY MESH TECHNIQUE - Fabrizio Cantore, M. Morabito, D. Papis, P. Misitano, A. Antonucci, G. David (Italy)

16.30 - 17.00 Coffee break

17.00 - 18.30 hrs Scientific

Room: Auditorium 1

S30 IFSES Highway to disaster

Stream: All

Chairs: Eduardo Targarona (Spain), Davide Lomanto (Singapore), Subhash Khanna (India)

- 17.00 - 17.12 Emergency splenectomy for splenic rupture after revision surgery - Ahmed Ahmed (UK)
- 17.12 - 17.24 Energy related injuries during robotic colorectal surgery - Ken Campbell (UK)
- 17.24 - 17.36 7cm Gastric GIST - How to remove perorally after endoscopic full thickness resection - Philip Chiu (Hong Kong)
- 17.36 - 17.48 Measure to cope with bleeding during laparoscopic liver resection - Ho-Seong Han (Korea)
- 17.48 - 18.00 Hidden aortoesophageal fistula masked as bleeding oesophageal ulcer - Calin Popa (Romania)
- 18.00 - 18.12 Robotic total mesogastric resection for gastric cancer - Richard van Hillegersberg (The Netherlands)
- 18.12 - 18.24 Epigastric pain after RYGB - Miljana Vladimorov (Germany)

17.00 - 18.30 hrs Scientific

Room: Auditorium 2

S31 Challenges and super tips in colorectal surgery

Stream: Colorectal

Chairs: Rosa Jiménez-Rodríguez (Spain), Nathan Curtis (UK)

- 17.00 - 17.15 How to perform the best anastomosis - Pat Sylla (USA)
- 17.15 - 17.30 Low Anterior Resection SyndRome 0.8 (LARS): prevalence and associated factors - Marylise Boutros (USA)
- 17.30 - 17.45 Complete mesocolic excision: how to do it - Luigi Boni (Italy)
- 17.45 - 18.00 How to deal with intraoperative complications - Antonino Spinelli (Italy)
- 18:00 - 18:10 **O076** - Quantitative analysis of intestinal perfusion with indocyanine green (ICG) and methylene blue (MB) using a single clinically approved fluorescence imaging system: a demonstration in a porcine model - Danique Heuvelings (The Netherlands)
- 18:10 - 18:20 **O077** - Outlying differences in colorectal cancer treatment. EAST vs. WEST results of an international survey. - Nariaki Okamoto, M Rodríguez Luna, M Al-Taher, M Diana, E Targarona, W Chen, J Bollo-Rodriguez, S Morales Conde, M Ito, R Heald, G Choi, X Serra-Aracil, Y Fukunaga, S Kim A Forgiione J Marescaux (France)
- 18:20 - 18:30 **O078** - Short-Term and Long-Term Outcomes of Single-Incision plus One-Port Laparoscopic Surgery for Colorectal Cancer - Tingyu Mou (China)

17.00 - 18.30 hrs Scientific

Room: Sydney 0.10

S32 EAES & NVEC How transparency can improve patient outcome

Stream: All

Chairs: Evalyn Mulder (The Netherlands), Albert Wolthuis (Belgium)

- 17.00 - 17.15 Objective assessment surgical skills - Sem Hardon (The Netherlands)
- 17.15 - 17.30 The black box in the OR - Teodor Grantcharov (USA)
- 17.30 - 17.45 The glass operating theatre: transparent and fragile - John Van Den Dobbelen (The Netherlands)
- 17.45 - 18.00 Proficiency in surgery: tools and AI - Tony Gallagher (Belgium)

- 18:00 - 18:10 **O079** - Safety and feasibility colorectal anastomosis protocol implementation : results from pilot study - Ernesto Barzola, L Cornejo, N Gómez, A Pigem, D Julia, N Ortega, O Delisau, P Planellas, R Farrés (Spain)
- 18:10 - 18:20 **O080** - A framework for promoting 'Design Thinking', an approach for providing solutions of complex problems, to surgical teams - CHI-CHUAN YEH, W.Y Yeh, G.Y Chen, H.L Lin, C.N Chen (Taiwan)
- 18:20 - 18:30 **O081** - Standards for Presenting and Reporting clinical Interventions Televisually (SPRINT): Systematic Scoping Review and Consensus Development - Michael Fadel, M.F. Fehervari, H.R. Robb, B.D. Das, O.A. Ariarasa, A.A. Arif, A.A. Alizadeh, S.P. Perretta, C.K. Kontovounisios, H.A. Ashrafian (United Kingdom)

17.00 - 18.30 hrs Free paper award

Room: Cape Town 0.11

S33 EAES Poster Award

Stream: All

Chairs: George Hanna (UK), Jaap Bonjer (The Netherlands), Nader Francis (UK)

Abstracts

17.00 - 18.30 hrs Scientific

Room: Brussels 0.4

S34 New hopes and challenges in bariatric endoscopy (sponsored by Boston Scientific through an unrestricted educational grant)

Stream: Bariatrics

Chairs: Silvana Perretta (France), Santiago Horgan (USA)

- 17.00 - 17.15 Endoscopic rescue of bariatric surgery complications - Gianfranco Donatelli (France)
- 17.15 - 17.30 Endoscopic sleeve gastrectomy: the science and the evidence - Silvana Perretta (France)
- 17.30 - 17.45 Endoscopic regenerative medicine for metabolic disease - TBA
- 17.45 - 18.00 Weight regain after bariatric surgery: drugs, devices or both? - Christine Stier (Germany)
- 18:00 - 18:10 **O082** - SURGICAL INTELLIGENCE IN ACTION: HARNESSING COMPUTER VISION TO DEFINE AND MONITOR DATA-DRIVEN BEST PRACTICES - Monica Ortenzi, A Wimpfheimer, Maril, D Asselmann, Wolf (Italy)
- 18:10 - 18:20 **O083** - Staple Line Leak after Sleeve Gastrectomy: Contribution of Machine Learning in the Analysis of Risk Factors - Alice Ferguglia, Alice Ferguglia, S. Arolfo, F. Olandese, O. Ferguglia, A. Genzone, M. Morino (Italy)
- 18:15 - 18:30 **O084** - Colo-colic Evaluation of a New Linear Design of Magnetic Anastomosis Devices in a Swine Model over 6 Weeks - Michel Gagner, T Krinke, A Thome (Canada)

17.00 - 18.30 hrs Free paper

Room: Paris 0.5

S35 Communications on peri-operative care to optimise results in colorectal surgery

Stream: Colorectal

Chairs: Dorin Ziyaie (UK), Alexander Gruter (The Netherlands)

- 17:00 - 17:10 **O085** - EAST-WEST Study: Impact of Pre- and Intra-Operative Factors and Post-Operative Care on Anastomotic Leak Outcomes - Mark Portelli, P. Andrejevic, M. Frountzas, J. Schembri Higgans, F. Laybats, D. Sarsenov, G. Theodoropoulos, B. Krebs (Malta)
- 17:10 - 17:20 **O086** - Mechanical bowel preparation + oral antibiotics in laparoscopic right colectomy. Is it necessary? - Roger Homs Samsó, J.M Bollo Rodríguez, A. Norte

- García, A. Sánchez López, B. Espina Pérez, O. Pino Pérez, M.C Martínez Sánchez, E.M Targarona Soler (Spain)*
- 17:20 - 17:30 **O087** - Predicting long-term (≥ 5 year) disease-free survival following resection for right-sided colon cancer - James Lucocq, *Patil, Muthukumarasamy (United Kingdom)*
- 17:30 - 17:40 **O088** - Optimising the use of colonoscopy to improve risk stratification for colorectal cancer in symptomatic patients: a decision curve analysis - James Lucocq, *E. Barron, H. Holmes, P. Donnelly, N. Cruickshank (United Kingdom)*
- 17:40 - 17:50 **O089** - The impact of intraoperative rectal washout on reducing the frequency of local recurrence after rectosigmoid and rectal cancer surgery. - Michal Stanczak, *J Walczak, P Kurek, M Szajewski, W.J Kruszewski (Poland)*
- 17:50 - 18:00 **O090** - Risk Factors for Well-leg Compartment SyndRome 0.8 after Laparoscopic/Robot-Assisted Colorectal cancer Surgery in Lithotomy Position - Chikako Kusunoki, *M Uemura, Y Sekido, M Takeda, T Hata, A Hamabe, T Ogino, N Miyoshi, H Eguchi, Y Doki (Japan)*
- 18:00 - 18:10 **O091** - Immunonutrition, bowel preparation, oral antibiotics and fluorescence-guided resection: the recipe for a “zero-leak” colorectal surgery - Marco Giacometti, *M Ribolla, L Mariani (Italy)*
- 18:10 - 18:20 **O092** - Detailed Jejunal Lymphatic and Blood Vessel Anatomy Defines Surgical Principles for Treatment of Jejunal Neoplasia - Teodor Vasic, *D. Ignjatovic, B. Stimec (Serbia)*
- 18:20 – 18:30 **O054** - PRECLINICAL QUANTIFICATION OF LASER SPECKLE CONTRAST IMAGING FOR BOWEL PERFUSION ASSESSMENT - Tim Hoffman, *D.J.I. Heuvelings, M Al-Taher, E.C. Boerma, N.D. ND Bouvy, Wido Heeman (The Netherlands)*

17.00 - 18.30 hrs Free paper

Room: Rome 0.8

S36 Miscellaneous 1

Stream: Technology

Chairs: Victor Tomulescu (Romania), Amir Szold (Israel)

- 17:40 - 17:50 Minimally invasive transanal repair of recto-vaginal fistula: A novel technique - Hemanga Bhattacharjee, *Abraham, Parshad (India)*
- 17:50 - 18:00 Complications arising from toothpick ingestion: a case report. - Anna Sasiada, *J. Rodríguez Gómez, A. Rodríguez Fernández, S. Alonso Batanero, MA. de Paz Monteagudo, M. Merayo Álvarez (Spain)*
- 18:00 - 18:10 A stepwise surgical strategy for robotic splenectomy with the CMR Versius system, a new robotic platform - Andrea Pisani Ceretti, *N.M. Mariani, N. Maroni, C. Froiio, P. Chiacchio, D. Palmisano, P.P. Bianchi (Italy)*
- 18:10 - 18:20 Bowel preservation in Peutz-Jeghers syndrome: A Novel approach - Saurabh Jagdale, *Ajay Bhandarwar, P. Rahate, A. Wagh, K. Ansari, S. Bhondve, H. Padekar, A. Dutt, S. Dandge, P. Nagwani, A. Mohanraj, A. Rathod, G. Bakhshi (India)*

18.30 - 19.00 in Auditorium 1

HMLTA Honorary membership & Lifetime Achievement Award session

Master of ceremony: George Hanna (UK)

Nominees HM:

Mark Talamini (USA), introduction by Jaap Bonjer (The Netherlands)

Eiji Kanehira (Japan) introduction by Alberto Arezzo (Italy)

Nominee LTA:

Roger Motson (UK), introduction by Tan Arulampalam (UK)

19.00 - 20.00 in Auditorium 1

EAES General Assembly

Thursday, 13th June

08.30 - 10.00 hrs Scientific

Room: Auditorium 1

S37 Highway to disaster 2

Stream: All

Chairs: Mahir Özmen (Turkey), Christiane Bruns (Germany)

08.30 - 08.42 Positive air-leak test - Audrius Dulskas (Lithuania)

08.42 - 08.54 When the blood bleeds... - Gil Faria (Portugal)

08.54 - 09.06 When hernia surgery gets complicated/clean-contaminated - Filip Muysoms (Belgium)

09.06 - 09.18 Duodenal blow-out after revisional SADI-S - Piotr Myśliwiec (Poland)

09.18 - 09.30 Bile duct injury during laparoscopic cholecystectomy - an error trap - Ranbir Singh (India)

09.30 - 09.42 The management of a scary complication in robotic colorectal surgery: robotic repair of SMV injury - Mert Tanal (Turkey)

09.42 - 09.54 GDA injury during gastrectomy and laparoscopic repair - Zhouqiao Wu (China)

08.30 - 10.00 hrs Scientific

Room: Auditorium 2

S38 How to start: laparoscopic inguinal hernia

Stream: Hernia

Chairs: Samir Delibegovic (Bosnia & Herzegovina), Emanuele Botteri (Italy), Ales Tomazic (Slovenia)

08.30 - 08.45 Instruments - Marta Botti (Italy)

08.45 - 09.00 Anatomical landmarks - Lisa Massey (UK)

09.00 - 09.15 Indications - Miljan Zindovic (Montenegro)

09.15 - 09.30 Complications - Ferdinando Agresta (Italy)

09.30 - 09.40 **O093** - Impact of 3D Endovision system on learning process of laparoscopic transabdominal pre-peritoneal (TAPP) repair of groin hernia - Hemanga Bhattacharjee, Jose, Patel, Suhani, Joshi, Parshad (India)

09.40 - 09.50 **O094** - Endo-Laparoscopic Treatment Options for Large Groin Hernia – A Tailored Approach Incorporating our Novel Surgical Techniques - Sean Lee, M Mahipal, S Wijerathne, D Lomanto (Singapore)

09.50 - 10.00 **O095** - Long-term Outcomes Following Totally Extraperitoneal (TEP) versus Transabdominal Preperitoneal (TAPP) Repair In Large Inguinoscrotal Hernias: An Experience Of Two Decades - Jasmine Dhal, Om Prakash Prajapati, J. Dhal, S.K Rai, M.C Misra, V.K Bansal (India)

08.30 - 10.00 hrs Scientific

Room: Sydney 0.10

S39 Is your surgeon fit to operate?

Stream: All

Chairs: Tan Arulampalam (UK), Nienke Warnaar (UK)

08:30 - 08:45 Is this a system problem? - Paul Barach (USA)

08:45 - 09.00 My experience of a system under pressure - Nienke Warnaar (UK)

- 09.00 - 09.15 Is your surgeon fit to operate? - Marek Soltés (Slovakia)
09.15 - 09.30 Captaincy - Michael Blackhurst (New Zealand)
09.30 - 09.40 **O096** - Impact of dehydration on laparoscopic performance - a prospective, open-label, randomized crossover trial - Jean-Paul Bereuter, *M.E Geissler, R Geissler, S Schmidt, N Buck, J Weiß, G Krause-Jüttler, J Weitz, M Distler, F von Bechtolsheim, F Oehme* (Germany)
09.40 - 09.50 **O097** - ERGONOMIC AND STRESS ASSESSMENT OF LAPAROSCOPIC SURGEONS DURING CONVENTIONAL AND ROBOTIC-ASSISTED PROCEDURES - Manuel José Pérez-Salazar, *J.A. Sánchez-Margallo, M. Kappel, F.M. González-Nuño, F.M. Sánchez-Margallo* (Spain)
09.50 - 10.00 Ergonomic assessment on muscle fatigue in use of laparoscopic energy devices: A comparative study of kinesiology – Hee Ju Sohn (Korea)

08.30 - 10.00 hrs Scientific

Room: Cape Town 0.11

S40 EAES & NVEC Engineering the future

Stream: Technology, all, education

Chairs: Sem Hardon (The Netherlands), Shiromani Janki (The Netherlands), Juan Sánchez Margallo (Spain)

- 08.30 - 08.45 Implementation by Incision - Marian Scheer (The Netherlands)
08.45 - 09.00 Surgical robotics: A journey across scales - Sarthak Misra (The Netherlands)
09.00 - 09.15 Laparoscopic learning curve during training - Sem Hardon (The Netherlands)
09.15 - 09.30 Semantic segmentation to identify go and no-go zones during laparoscopic cholecystectomy - Amin Madani (Canada)
09.30 - 09.45 3D assisted surgery for post trauma deformities - Nick Assink (The Netherlands)
09.45 - 09.55 **O098** - Robotic Surgery Video without 3D Glasses : A Proof of Concept - Taner Shakir, *H Khan, T Pamplionne, M Hassouna, D Mohamedally, M Chand* (United Kingdom)
09.50 - 10.00 Robotic Total Mesorectal for rectal cancer guided by 3D reconstruction - Jose Azevedo, *Fernandez, Herrando, Polita, Castillo, Parvaiz* (Portugal)

08.30 - 10.00 hrs Scientific

Room: Brussels 0.4

S41 EAES & KSERS New technologies in gastric cancer surgery

Stream: UGI

Chairs: Young Woo Kim (Korea), Sheraz Markar (UK)

- 08.30 - 08.45 AI transformation and gastric surgery - Young-Woo Kim (Korea) KSERS
08.45 - 09.00 Reduced ports robotic gastrectomy for gastric cancer - Sang Hoon Ahn (Korea) KSERS
09.00 - 09.15 Surgical quality assurance beyond clinical trials - Sheraz Markar (UK) EAES
09.15 - 09.30 Extended lymphadectomy in robotic gastrectomy - Maria Bencivenga (Italy) EAES
09.30 - 09.45 Oesophageal anastomosis in MIS - Milos Bjelovic (Serbia) EAES
09.45 - 09.55 **O099** - Short- and mid-term outcomes of robotic gastrectomy compared with laparoscopic gastrectomy - Masazumi Sakaguchi, *Y Nishikawa, T Kubota, Y Okuda, K Matsuo* (Japan)

08.30 - 10.00 hrs Free paper

Room: Paris 0.5

S42 Communications on hiatal surgery

Stream: UGI

Chairs: Tim Lubbers (The Netherlands), Karl Fuchs (Germany)

- 08:30 - 08:40 **O101** - Laparoscopic repair of giant hiatus/ paraoesophageal hernia: is routine fundoplication necessary? - Jay Roe Tan, B Teicu, N O'Connor, M Sajjad, M Shrotri (United Kingdom)
- 08:40 - 08:50 **O102** - Evaluation of the Outcomes of Anti-Reflux Surgery in the Management of Extraoesophageal Symptoms of Gastro-oesophageal Reflux Disease - Sherif Albalkiny (Egypt)
- 08:50 - 09:00 **O103** - Long-term clinical evaluation of laparoscopic management of large hiatal hernias - Mostafa Refaie Abdelatty Elkeleny, S Mantova, R Rebecchi, E Ugliono, A Mansour, MM Morino (Egypt)
- 09:00 - 09:10 **O104** - DELTA-IRP AS A NEW HIGH-RESOLUTION MANOMETRY METRIC TO PREDICT THE POSITIVE OUTCOME OF LAPAROSCOPIC HELLER-DOR IN PATIENTS WITH ACHALASIA - Giulia Nezi, A. Costantini, M. Pittacolo, L. Provenzano, G. Capovilla, L. Nicoletti, F. Forattini, A. Vittori, L. Moletta, M. Santangelo, M. Valmasoni, E.V. Savarino, R. Salvador (Italy)
- 09:10 - 09:20 **O105** - Treating Gastroesophageal Reflux Disease with the RefluxStop Device: Outcomes at 1 Year in Two Large Hospitals - Yves Borbely, Y. Fringeli, I. Linas, D. Kröll, T. Haltmeier, J. Zehetner (Switzerland)
- 09:20 - 09:30 **O106** - RefluxStop for gastroesophageal reflux disease: symptom resolution with no postoperative dysphagia—outcomes from clinical practice at 1 year+ - Thorsten Lehmann, C Christoph (Germany)
- 09:30 - 09:40 **O107** - RefluxStop device for the treatment of gastroesophageal disease: clinical outcomes show improved symptoms and patient satisfaction without dysphagia - Moustafa Elshafei (Germany)
- 09:40 - 09:50 **O108** - Laparoscopic Fundoplication as a Day Case Procedure - Patient Comprehension for a Successful Model - Balaji Jayasankar, K Kirolos, A Hamouda (United Kingdom)
- 09:50 - 10:00 **O109** - Laparoscopic repair of giant parasophageal hernias: a comparative study - Volodymyr Grubnik, Parfentiev, Grubnyk, Ilyashenko (Ukraine)

08.30 - 10.00 hrs Free paper

Room: Rome 0.8

S43 Videos on diverticulitis, colon cancer and image-guided procedures

Stream: Colorectal

Chairs: Dorin Popa (Romania), Ludovica Baldari (Italy)

- 08:30 - 08:40 Laparoscopic Resection of the Sigmoid Colon: A Comprehensive strategy with Indocyanine Green-Guided Surgery and Lateral Approach - Hugo Cardoso-Louro, J Vilaça (Portugal)
- 08:40 - 08:50 Difficult laparoscopic Hartmann's resection due to Hinchey II diverticulitis after 2 months antibiotic treatment - Miljan Ceranic, L.Z. Loncar, G.P. Gregoric, M.D. Micic, I.N. Ivancevic, D.K. Doklestic, P.Z. Perisic, R.M. Raspopovic, B.D. Brkic (Serbia)
- 08:50 - 09:00 PREVENTING IATROGENIC URETERAL INJURY WITH INDOCYANINE GREEN GUIDED SURGERY - Chiara Bettini, I.B. Benzoni, A.C. Celotti, L.M.Q. Quarti, D.M. Montani, M.B. Bonafede, A.D. Dendena, G.C. Crotti, N.T. Turco, C.N. Noventa, L.T. Totaro, A.T. Tarasconi, V.R. Ranieri, R.G. Grassia, L.G. Giovanessi, M.F. Fricano, B.F. Frittoli, G.L.B. Baiocchi (Italy)
- 09:00 - 09:10 Minimally invasive surgery for staphylococcal sepsis treatment. - Mateusz Wityk, N Dowgiatto-Gornowicz, M Bobowicz (Poland)
- 09:10 - 09:20 Laparoscopic Hartmann's procedure for colo-vesical fistula utilizing Indocyanine Green for ureter identification. - Mamata Battili, C. Liao (United Kingdom)

- 09:20 - 09:30 LAPAROSCOPIC INTRACORPOREAL KONO-S ANASTOMOSIS FOR CROHN'S DISEASE - JeanCarlos Trujillo-Díaz, *J.R. GÓMEZ LÓPEZ*, *P. CONCEJO CUTOLI*, *M.A. MONTENEGRO MARTIN*, *S. SCHENONE*, *J.C. MARTÍN DEL OLMO* (Spain)
- 09:30 - 09:40 Sigmoido-vesical fistulae after transurethral resection - Jaume Ortega Alcaide, *N. Mestres Petit*, *M. Santamaría Gómez*, *FD Gómez Baez*, *D. Ambrona Zafra*, *G. López Soler*, *P. Muriel Alvarez*, *A. Escartin Arias* (Spain)
- 09:40 - 09:50 SINGLE INCISION ROBOTIC REVERSAL OF HARTMANN'S PROCEDURE - Asma Afzal, *T Gill* (United Kingdom)
- 09:50 - 10:00 Robotic right colectomy with CME for locally-advanced cancer of the cecum - Igor Monsellato, *T Gatto*, *A,C Chahrour Chaouki* (Italy)

08.30 - 10.30 hrs workshop

Room: Lisbon 0.7

WS5 Stapling (sponsored by J&J through an unrestricted educational grant)

Director: Tan Arulampalam (UK). Tutors: Nienke Warnaar (UK), Audrius Dulskas (Lithuania), Ben Griffiths (UK), Anna Palepo (UK)

08.30 - 08.45 Stapling technology and principles of safe stapling

08.45 - 09.00 Tips, tricks and pitfalls

09.00 - 10.15 Simulator

10.15 - 10.30 Debrief and close

Educational objective:

- To understand the principles of stapling technology
- To understand the current techniques of extracorporeal anastomosis
- To have hands on experience with devices
- To have case based discussions on tips, tricks and pitfalls

10.00 - 10.30 Coffee break

10.30 - 12.00 hrs Free paper

Room: Auditorium 1

S44 Karl Storz - EAES award

Stream: All

Chairs: Nicole Bouvy (The Netherlands), Catalin Copaescu (Romania), Tan Arulampalam (UK)

10:30 - 10:40 **O110** - Bariatric Surgery Reduces Major Adverse Kidney Events in Patients with Chronic Kidney Disease: A Multiple-Linked Database Analysis of a Universal Healthcare System - Yung Lee, *Yung Lee*, *L Tessier*, *A Doumouras*, *M Walsh*, *D Hong* (Canada)

10:40 - 10:50 **O111** - Disposable and reusable instruments in endoscopic surgery: a systematic review of sustainable, economic and clinical outcomes - Myrthe Eussen, *Moosdorff*, *de Reuver*, *Schelto*, *Wellens*, *Kimman* (The Netherlands)

10:50 - 11:00 **O112** - Intensive pre-operative information course (IPIC) and pre-operative weight loss results in long-term sustained weight loss following bariatric surgery: 11year results from a Tertiary Referral Centre - James Lucocq, *James Lucocq*, *V Thakur*, *Geropoulous*, *Stansfield*, *L Irvine*, *M Duxbury*, *A.C. de Beaux*, *B Tulloh*, *B. Wallace*, *Joyce*, *Harrow*, *Drummond*, *P.J. Lamb*, *A.G. Robertson* (United Kingdom)

11:00 - 11:10 **O113** - Fashioning enterotomy closure after totally laparoscopic ileocolic anastomosis for right colon cancer: a multicenter experience - Anna D'Amore, *G.D. De Palma*, *M. Milone* (Italy)

11:10 - 11:20 **O114** - Optical surgical navigation in Pancreatic Cancer Surgery: novel-integrin targeting fluorescent probe - cRGD-ZW800-1 - a Phase II Feasibility Trial - Martijn van

Dam, J. Burggraaf, J. Vuijk, M.N.J.M. Wasser, M. Pool, A.R.P.M. Valentijn, T.L. March, H. Putter, J.V. Frangioni, A.S.L.P. Crobach, B.A. Bonsing, A.L. Vahrmeijer, J.S.D. Mieog (The Netherlands)

11:20 - 11:30 **O115** - Personalized vs. Standard Training in Laparoscopic Surgery: A Comprehensive Analysis of Technical Learning Curves in a Multi-Center Three-Year Cohort Study - Masie Rahimi, E. Uluç, S.F. Hardon, H.J. Bonjer, F. Daams (The Netherlands)

11:30 - 11:40 **O116** - Measuring and improving sustainability in surgical care pathways: a life cycle assessment of cardiac surgery and postoperative intensive care stay - Egid van Bree, T Stoberneck, HRW Touw, W Li (The Netherlands)

10.30 - 12.00 hrs Scientific

Room: Auditorium 2

S45 Mega trends in Artificial Intelligence for surgery

Stream: Technology

Chairs: Young-Woo Kim (Korea), Monica Ortenzi (Italy), Albert Wolthuis (Belgium)

10.30 - 10.45 Surgical training and quality assessment with Artificial Intelligence - Felix Nickel (Germany)

10.45 - 11.00 AI chatbots and more - large language models in surgery - Chen Sagiv (Israel)

11.00 - 11.15 Statistics behind the algorithm construction - Daniela Pacella (Italy)

11.15 - 11.30 GPT does it all? Generative Artificial Intelligence in surgery - Pieter de Backer (Belgium)

11:30 - 11:40 **O117** - Dr. LLM Will See You Now: The Ability of ChatGPT to Provide Geographically Tailored Colorectal Cancer Screening and Surveillance Recommendations - Bright Huo, J. STEINKE Steinke, H.F. BOSCE Bocse, M. DE PASTENA de Pastena (Canada)

11:40 - 11:50 **O118** - CHAT GPT-4 IN BARIATRIC SURGERY: TAILORING SURGICAL TECHNIQUE - Ruth Lopez Gonzalez, S Sanchez-Cordero, J Pujol-Gebelli (Spain)

11:50 - 12:00 Does next-generation constant pressure insufflation technology enhance performance of the ESG procedure ? - Pietro Riva, E Reitano, MG Neto, D Keller, S Perretta (France)

10.30 - 12.00 hrs Scientific

Room: Sydney 0.10

S46 EAES & NVEC How the scrub nurse can make the difference

Stream: All, scrub nurse

Chairs: Aukje Meijerink (The Netherlands), Gil Faria (Portugal)

10.30 - 10.45 Conversion from laparoscopic to open surgery - what are the challenges? - Bruno Teixeira (Portugal)

10.45 - 11.00 Cultural innovation in healthcare - Germaine Geerders (The Netherlands)

11.00 - 11.15 Relationships within the OR - Debbie Gooch (UK)

11.15 - 11.30 Introduction to innovation in daily surgical care & inspiring surgical team - Jan Willem van der Steeg (The Netherlands)

11.30 - 11.45 Digital Operation Room Assistant (DORA) - Maarten van der Elst (The Netherlands)

10.30 - 12.00 hrs Scientific

Room: Cape Town 0.11

S47 Challenges and innovations in benign upper GI

Stream: UGI

Chairs: Ivo Broeders (The Netherlands), Milos Bjelovic (Serbia)

10.30 - 10.45 Meshes in hiatal hernia repair; to use or not to use? - Calin Popa (Romania)

10.45 - 11.00 Disasters in benign UGI surgery - Eric Hazebroek (The Netherlands)

11.00 - 11.15 Preventing hernia complications with resource constraints - Galya Chinnery (South-Africa)

- 11.15 - 11.30 The GERD story - Outcome of hiatal hernia and anti-reflux surgery in The Netherlands - Willem Hueting (The Netherlands)
- 11.30 - 11.40 **O119** - Long-term durability and temporal pattern of revisional surgery of laparoscopic large hiatal hernia repair - Elettra Ugliano, *F Rebecchi, C Franco, M Morino* (Italy)
- 11.40 - 11.50 **O120** - Current evidence on endoscopic treatment options for gastroesophageal reflux disease: Findings from a systematic review - Salvador Morales-Conde, *L Navarro-Morales, E Licardie, F Moreno-Suero, A Balla* (Spain)
- 11.50 - 12.00 Laparoscopic Approach to Boerhaave Syndrome: A Video Case Report - Julia Landaluce Carrilero, *J.M Romero-Marcos, J. Sampson-Dávila, I. Ojeda Jiménez, M.C Balague-Ponz, S. Delgado-Rivilla* (Spain)

10.30 - 12.00 hrs Scientific

Room: Brussels 0.4

S48 EAES & Chinese society joint session

Stream: HPB, Colorectal

Chairs: Ho-Seong Han (Korea), Jaap Bonjer (The Netherlands)

- 10.30 - 10.45 COLOR IV trial - Hongwei Yao (China)
- 10.45 - 11.00 Innovative AI-empowered precision anatomy in minimally invasive pancreatic surgery - Chen Lin (China)
- 11.00 - 11.15 The benefits of MI pancreatectomy for pancreatic cancer (Diploma trial) - Alessandro Esposito (Italy) EAES
- 11.15 - 11.30 Implementation and outcomes of robotic liver surgery in The Netherlands - Rutger-Jan Swijnenburg (The Netherlands) EAES
- 11.30 - 11.45 How to build a complication registration to improve your surgical practice - Zhouqiao Wu (China)
- 11.45 - 11.55 **O122** - Interim results of the TRANSPAIRE multicentric randomized clinical trial: Radiofrequency-assisted transection of the pancreas vs stapler in distal pancreatectomy - Patricia Sánchez-Velázquez, *E. Pueyo periz, J. Álamo, G. Suárez artachi, M Gomez braco, M. Marcello, E Vicente, Y. Quijano, V. Ferri, R Caruso, D Dorcaratto, L. Sabater, P. Gomez, J. Nohuera A. Navarro Gonzalez B. Ielpo F. Burdío* (Spain)

10.30 - 12.00 hrs Free paper

Room: Paris 0.5

S49 Communications on appendicitis and pelvic surgery

Stream: Colorectal

Chairs: Isacco Montroni (Italy), Victor Tomulescu (Romania)

- 10:30 - 10:40 **O123** - The outcomes of Laparoscopic Versus Open appendectomies for complicated Appendicitis - Mostafa Refaie Abdelatty Elkeleny, *A sabry, AH Ghazal, M Menesy* (Egypt)
- 10:40 - 10:50 **O124** - A Meta-Analysis Comparing Non-Operative versus Operative Management for Uncomplicated Appendicitis: A Focus on Randomized Controlled Trials - Francesco Brucchi (Italy)
- 10:50 - 11:00 **O125** - Outcomes of surgery for advanced grade IV endometriosis at a tertiary care centre in the UK – Is bowel resection necessary? - Khurram Siddique, *F Akram, C Parfitt, G Ahmad* (United Kingdom)
- 11:00 - 11:10 **O126** - Indocyanine Green Fluorescence Guided Surgery in acute diverticulitis to prevent ureteral injuries: single center experience and systematic review of

- literature - Marika Morabito, *G. David, P. Misitano, D. Papis, A. Antonucci, F. Cantore* (Italy)
- 11:10 - 11:20 **O127** - Recurrent Uncomplicated Diverticulitis Management in the Recent Era – Is Surgery Warranted? - Ahmed Salama, *B Sami, A. R. Nasr, M. Salama* (Ireland)
- 11:20 - 11:30 **O128** - Shifting Paradigms: A Pivotal Study on Laparoscopic Resection for Colovesical Fistulas in Diverticular Disease - Cristina Bozzarello, *Antonia Rizzuto, C. Bozzarello, A. Amaddeo, U. Bracale, S. Reggio, C. Sagnelli, E. Pontecorvi, V. Silvestri, D. Cuccurullo, J. Andreuccetti, G. Pignata, F. Corcione* (Italy)
- 11:30 - 11:40 **O129** - Correlation between ASA score and BMI with Clavien-Dindo classification of surgical complications in laparoscopic appendectomy - single-center experience - Pavle Gregoric, *L.Z. Loncar, M.D. Micic, B.D. Brkic, D.K. Doklestic, I.N. Ivancevic, P.Z. Perisic, C.M. Ceranic* (Serbia)
- 11:40 - 11:50 **O055** - Ultrasound-Guided Robotic Surgical Procedures: A systematic review - Matteo Pavone, *B.S. Seeliger, E.T. Teodorico, M.G. Goglia, C.T. Taliento, N.B. Bizzarri, L.L. Lecointre, C.A. Akladios, A.F. Forgione, J.M. Marescaux, G.S. Scambia, A.T. Testa, D.Q. Querleu* (Italy)
- 11:50 - 12:00 Laparoscopic Hartmann's procedure and bilateral hysterectomy for colouterine fistula scenario: a case report - Antonio Bocchino, *S. Capitano, G. Mantovani, L. Boccia* (Italy)

10.30 - 12.00 hrs Free paper

Room: Rome 0.8

S50 Videos on benign biliary surgery

Stream: HPB - Gallbladder

Chairs: Jaime Vilaça (Portugal), Marielle Coolsen (The Netherlands)

- 10:40 - 10:50 Transcystic Common Bile Duct Exploration: Procedural Insights and Indocyanine Green Utilization. - MARIA MAGDALENA LLOMPART COLL, *C GINESTÀ, P DOMÍNGUEZ-GARIJO, E BUTORI, X MORALES, M PERA* (Spain)
- 10:50 - 11:00 Beyond Convention: Ergonomic Evaluation in Situs Inversus Scenario - Anvitha Manoj, *Ajay Bhandarwar, V. Gadi, G. Bakhshi, A. Wagh, K. Ansari, S. Bhondve, H. Padekar, A. Dutt, S. Dandge, P. Nagwani* (India)
- 11:00 - 11:10 Laparoscopic hepatico-jejunostomy roux en y for the treatment of common hepatic duct injury - Maher Hussein (Lebanon)
- 11:10 - 11:20 Laparoscopic Roux-en-Y hepaticojejunostomy: management of a choledochal cyst in a 5-year-old girl - Hugo Louro, *S Martinho, I Braga, C Barroso, A Felizes, J Correia-Pinto, H Cristino, A Osório, J Vilaça* (Portugal)
- 11:20 - 11:30 Saving the Bile duct: The Clearing Bearing theory - Ami Gandhi, *Ajay Bhandarwar, G. Bakhshi, A. Wagh, S. Bhondve, H. Padekar, K. Ansari, A. Dutt, A. Rathod, P. Nagwani* (India)
- 11:30 - 11:40 Misdiagnosed Mirizzi's syndrome lead to a severe common Bile duct injury. Challenging Laparoscopic Hepatico-jejunostomy. - Leonardo Silvio-Estaba, *L. Hernandez-Gimenez, C. Mercader-Bach, R. Orbeal-Saenz, E. Sebastian-Valverde, E. Sánchez-Saez, E. Pareja-Nieto, J. Comajuncosas-Camps* (Spain)
- 11:40 - 11:50 Combined approach in the treatment of hepatic duct injury post laparoscopic cholecystectomy in bariatric patient using combined laparoscopic and endoscopic approach. - Maher Hussein (Lebanon)
- 11:50 - 12:00 Common Bile Duct exploration assisted By Human Xtensions™ - Robotic handheld HandX® and an Ultra-thin 3mm. Cholangioscope - Leonardo Silvio-Estaba, *C. Mercader-Bach, E. Sánchez-Saez, L. Hernandez-Gimenez, R. Orbeal-Saenz, E. Sebastian-Valverde, E. Pareja-Nieto, J. Comajuncosas-Camps* (Spain)

12.00 - 12.20 Lecture

Room: Auditorium 1

S51 Presidential lecture

Stream: All

Revolutionising surgical mastery: harnessing cutting-edge technology for enhanced skill development and standardised excellence - George Hanna (UK)

Introduction by: Nicole Bouvy

12.20 - 14.10 Lunch break

13.00 - 14.00 Satellite symposium Sonoscape Medical Corp in room Sydney 0.10 0.10

13.00 - 14.00 Satellite symposium Medtronic in room Brussels 0.4 0.4

13.00 - 14.00 Satellite symposium Astellas Pharma Inc in room Paris 0.5 0.5

14.10 - 14.30 Lecture

Room: Auditorium 1

S52 Sir Alfred Cuschieri technology lecture

Stream: All, technology

AI for surgical quality assessment - Martin Wagner (Germany)

Introduction by: George Hanna (UK)

14.30 - 16.00 hrs Scientific

Room: Auditorium 1

S53 How to start: laparoscopic right colectomy

Stream: Colorectal

Chairs: Nicolás De Manzini (Italy), Clarisa Birlog (Romania), Nereo Vettoreto (Italy)

14.30 - 14.45 Instruments - Francesco Maria Carrano (Italy)

14.45 - 15.00 Anatomical landmarks - Tim Lubbers (The Netherlands)

15.00 - 15.15 Indications and preoperative work up - Nuno Rama (Portugal)

15.15 - 15.30 Complications - Daniel Preda (Romania)

15:30 - 15:40 **O130** - An evidence-based blueprint of mental rehearsal implementation in surgery - Josephine Walshaw, P Barach, B Huo, P Banks, A McClean, F LeBron, F Mushtaq, D Jayne, D Miskovic, M Yiasemidou (United Kingdom)

15:40 - 15:50 **O131** - Is laparoscopic simulation-based assessment reliable and valid? Lessons learnt from a longitudinal large-scale training programme - Daniel Campioni-Norman, S Mavroveli, P Boshier, G Hanna (United Kingdom)

15:50 - 16:00 A complex and controversial surgical technique with good oncological results: D3 lymphadenectomy in the right colectomy for colon cancer. - Alejandro Alonso Vallés, J. Bollo (Spain)

14.30 - 16.00 hrs Scientific

Room: Auditorium 2

S54 Gerhard Buess Technology award

Stream: Technology

Chairs: Yoav Mintz (Israel), Alberto Arezzo (Italy), Nicola Di Lorenzo (Italy)

14:30 - 14:40 **O132** - Robotic vs Laparoscopic colectomy for Diverticulitis: Preliminary results of The ROLADI study. - Giuseppe Giuliani, F. Guerra, A. Coratti, On behalf of ROLADI Group (Italy)

14:40 - 14:50 **O133** - Gender Based Differences in Musculoskeletal Pain Among Surgeons: Results from an International Survey - Maria Vannucci, M.R. Rodríguez Luna, E. Di Pietro, K. Niu, A. Lapergola, N. Zorzetti, M. Goglia, D.S. Keller, S. Perretta (Italy)

- 14:50 - 15:00 **O134** - Robotic versus Laparoscopic Right Colectomy with Complete Mesocolic Excision for Colon Cancer: A Systematic Review and Meta-Analysis - Muhammed Elhadi, *A. BenGhatnsh, A. Khaled, H Faraj* (Libya)
- 15:00 - 15:10 **O135** - First experiences of ergonomic measurements with Hugo™ RAS System - Stefanie Brunner, *D.T. Müller, R.R. Datta, J.A. Eckhoff, C. Storms, S.H. Chon, T. Schmidt, C.J. Bruns, H.F. Fuchs* (Germany)
- 15:10 - 15:20 **O136** - Development & Evaluation of a Standardised Proficiency-Based Core Robotic Skills Curriculum - Asma Afzal, *M Boal, J Gorard, A Shah, F Tesfai, W Ghamrawi, M Tutton, J Ahmad, C Selvaseker, J Khan, N Francis* (United Kingdom)
- 15:20 - 15:30 **O137** - ComParis 0.5 on of Recurrent Prognosis between Robotic and Laparoscopic Surgery in Locally Advanced Rectal Cancer: A Multi-center Retrospective Cohort Study in Japan - Ryosuke Mizuno, *R Okamura, K Goto, Y Itatani, N Hoshino, S Inamoto, K Okoshi, T Shiota, R Takahashi, Y Deguchi, Y Nakamura, S Nagayama, H Hashida, R Matsusue R Mizuno T Murakami M Yamada T Yamamoto M Yoshitomi K Hida K Obama* (Japan)
- 15:30 - 15:40 **O138** - SphinKeeper: A systematic review of the outcomes of this novel technique - Josephine Walshaw, *M Yiasemidou, N Zafar, F Senra, A Leo* (United Kingdom)

14.30 - 16.00 hrs Free paper

Room: Sydney 0.10

S55 EAES & NVEC Virtual reality and 3D printing to improve surgical outcome

Stream: Technology

Chairs: Simeon Ruiters (The Netherlands), Frank Voskens (The Netherlands)

- 14.30 - 14.45 The role of 3D printing in surgery - Stefania Marconi (Italy)
- 14.45 - 15.00 Virtual reality visualisation of lung anatomy: PulmoVR - Quinten Mank (The Netherlands)
- 15.00 - 15.15 Hologram guided surgery - Annabel Groeneberg (The Netherlands)
- 15.15 - 15.30 How to build a 3D lab for medical tools - Vito van Dal (The Netherlands)
- 15.30 - 15.45 3D assisted surgery in fracture care - Anne Meesters (The Netherlands)
- 15:45 - 15:55 Utilisation of mixed reality with Microsoft HoloLens in pre-operative surgical planning for ischioanal abdominoperineal resection of locally advanced mucinous adenocarcinoma of the anal canal – Case - Xuan Gleaves, *C.S Seow, C KEH, Y Gao* (Singapore)

14.30 - 16.00 hrs Scientific

14.30 - 16.00 hrs Scientific

Room: Cape Town 0.11

S56 EAES & ELSA Disaster and complications during hernia surgery

Stream: Hernia

Chairs: Filip Muysoms (Belgium), Umberto Bracale (Italy)

- 14.30 - 14.45 Management of bladder neck injury caused by balloon dissection in TEP inguinal hernia surgery - Aung Myint Oo (Singapore) ELSA
- 14.45 - 15.00 Disasters in hernia surgery - Davide Lomanto (Singapore) ELSA
- 15.00 - 15.15 Giant abdominal wall defects - Stefanie Breukink (The Netherlands)
- 15.15 - 15.30 Know your anatomy: avoiding complications - Jan Stoot (The Netherlands) EAES
- 15.30 - 15.45 Pre habilitation on complex wall surgery - Eva Barbosa (Portugal)
- 15.45 - 16.00 Step-by-step TAPP procedure for recurrent inguinal hernia - Umberto Bracale (Italy)

14.30 - 16.00 hrs Scientific

Room: Brussels 0.4

S57 Flexible surgery, here we come!

Stream: Technology

Chairs: Silvana Perretta (France), Philip Chiu (Hong Kong)

- 14.30 - 14.45 The endo-bariatric revolution: should surgeons be afraid? - Christine Stier (Germany)
- 14.45 - 15.00 New robotic endoscopic platforms - Silvana Perretta (France)
- 15.00 - 15.15 Third space endoscopy and full thickness resection: the discovery of a new land - Philip Chiu (Hong Kong)
- 15.15 - 15.30 Image guided flexible endoscopy: smart imaging for smart diagnosis - Rita Rodriguez Luna (France)
- 15:30 - 15:40 **O139** - Endoluminal vacuum therapy as an option for patients with Boerhaave's SyndRome 0.8 – A single center retrospective data analysis regarding treatment strategies and outcome - Franz Singhartinger, *A. Gantschnigg, O. Koch, K. Emmanuel, J. Holzinger* (Austria)
- 15:40 - 15:50 **O140** - Less is more: local pharyngeal anaesthesia use in unsedated esophagogastroduodenoscopy - Gabriel Ying Chai Sit, *K.F.K. Wong, C.F. Leung, T.H. Chan, Y.K. Lam, H.Y.S. Wong, I.H.C. Wu, Z. Wu, K.Y.E. Liu* (Hongkong)
- 15:50 - 16:00 **O141** - Vacuum-Stent Treatment for Transmural Defects in the Upper Gastrointestinal Tract: Experience and Case Series in a Tertiary Referral Center - Lisanne Pattynama, *W.J. Eshuis, J.J. Bergman, M.I. van Berge Henegouwen, R.E. Pouw* (The Netherlands)

14.30 - 16.00 hrs Scientific

Room: Paris 0.5

S58 How to start your bariatric surgery

Stream: Bariatric

Chairs: Gil Faria (Portugal), Miljana Vladimirov (Germany)

- 14.30 - 14.45 Laparoscopic RYGBP, with standard port placement, step-by-step - Gil Faria (Portugal)
- 14.45 - 15.00 Robotic RYGB as revision bariatric procedure - Miljana Vladimirov (Germany)
- 15.00 - 15.15 Laparoscopic sleeve gastrectomy with standard port placement, step-by-step - Miljan Zindovic (Montenegro)
- 15.15 - 15.30 Reduced port sleeve and bypass, step-by-step - Aung Myint Oo (Singapore)
- 15:30 - 15:40 **O142** - Reflux after bariatric surgery, does LINX bridge the gap? - Mohammed Foula, *S Alshomimi* (Saudi Arabia)
- 15:40 - 15:50 **O143** - CORRELATION BETWEEN HEPATIC ELASTOGRAPHY TEST AND LIVER BIOPSY IN MORBID OBESE PATIENTS. ARE PREOPERATIVE TESTS RELIABLE FOR THE DIAGNOSIS OF NAFLD DISEASE? - Eulalia Ballester, *E. Julià, L. Sala, C. Vila, G. Soriano, K. Wcislo, S.S Chavarria, I. Miñambres, S. Fernandez-Ananín*- (Spain)
- 15:50 - 16:00 **O144** - Sleeve Volume and Preoperative Gastric Volume Assessment Using Three-dimensional MDCT Gastrography and Their Correlation to Short-term Post-Sleeve Gastrectomy Weight Loss - Mostafa Refaie Abdelatty Elkeleny, *I.A El-Sayes, T Abdelbaki, M.A Sharaan, M.S Shaaban, MM El Shafei* (Egypt)

14.30 - 16.00 hrs Free paper

Room: Rome 0.8

S59 Communications on gastric cancer

Stream: UGI

Chairs: Alice Tsai (UK), Suzanne Gisbertz (The Netherlands)

- 14:30 - 14:40 **O145** - Plasma cells derived from mature tertiary lymphoid structures predict the efficacy of PD-1 blockade in gastric cancer - You-Xin Gao, *L, L Li-Li* (China)
- 14:40 - 14:50 **O146** - ComParis 0.5 on of short-term and three-year oncological outcomes between robotic and laparoscopic gastrectomy for gastric cancer: a large multi-center cohort study - Jun Lu, *Z Wang, T Li, L Zhang, C Huang* (China)

- 14:50 - 15:00 **O147** - Assessment of Laparoscopic Indocyanine Green Tracer-Guided Lymphadenectomy After Neoadjuvant Chemotherapy for Locally Advanced Gastric Cancer: A Randomized Controlled Trial - Tang Yihui, *H. Zening, C. Qiyue, Z. Qing, H. Changming* (China)
- 15:00 - 15:10 **O148** - LZAP as a novel biomarker signature predicting survival and adjuvant chemotherapeutic benefit in gastric cancer - You-Xin Gao, *L, L Li-Li* (China)
- 15:10 - 15:20 **O149** - Impact of Delay in the Initiation of Postoperative Adjuvant Chemotherapy Following Neoadjuvant Chemotherapy on the Prognosis of Locally Advanced Gastric Cancer - zhang 张凌康, *zhang 张凌康, Z.X. Shang-Guan, X.Q. Ye* (China)
- 15:20 - 15:30 **O150** - RISK ASSESMENT QUESTIONNAIRE IN A WESTERN COMMUNITY TO IDENTIFY A GASTIC CANCER RISK POPULATION: THE GASTROSCREENING PROJECT - Ilaria Benzoni, *A.C Celotti, A.T Tarasconi, C.B Bettini, M.B Bonafede, Q.L Quarti, M.F Fricano, L.T Totaro, M.D Montani, R.G Grassia, B.F Frittoli, G.B Baiocchi* (Italy)
- 15:30 - 15:40 **O151** - OSATS scoring confirms ICG enhancement of performance in laparoscopic radical gastrectomy - QiChen He (China)
- 15:40 - 15:50 **O152** - Comprehensive molecular analysis of pyroptosis in gastric cancer cells for antitumor immunotherapy - You-Xin Gao, *L, L Li-Li* (China)
- 15:50 - 16:00 Surgical Management of Epiphrenic Diverticulum Repair: Integrating Transhiatal Robotic Assistance and VATS with Endoscopic Oversight - Guillermo López-Soler, *A García-Zamalloa, A. Escartín Arias, C Rombolá, P. Muriel Álvarez, J.H. Jara Quezada, M Montesinos, N. Torres Monclús, H. Salvador Roses, F.F Vela Polanco, E.M. Pueyo Périz, J.J Olsina Kissler* (Spain)

16.00 - 16.30 Coffee break

16.30 - 18.00 hrs Scientific

Room: Auditorium 1

S60 Highway to disaster 3

Stream: All

Chairs: Srdjan Mijatovic (Serbia), Nereo Vettoretto (Italy)

- 16.30 - 16.42 Near miss arterial transection during robotic pancreatic tail resection - Freek Daams (The Netherlands)
- 16.42 - 16.54 Bleeding - Misha Luyer (The Netherlands)
- 16.54 - 17.06 When the better is the enemy of good - Predag Andrejevic (Malta)
- 17.06 - 17.18 Nasogastric tube entrapment in the staple line of the stomach during a full-robotic Ivor-Lewis oesophagectomy - Luca Morelli (Italy)
- 17.18 - 17.30 A treacherous pancreas in a left flexure mobilisation - Frederic Ris (Switzerland)
- 17.30 - 17.42 Things never look as they are in reality? - Eduardo Targarona (Spain)
- 17.42 - 17.54 Laparoscopic subtotal gastrectomy. Short gastric pouch and anastomosis bleeding - Miljan Zindovic (Montenegro)

16.30 - 18.00 hrs Scientific

Room: Auditorium 2

S61 How to start your colorectal surgery

Stream: Colorectal

Chairs: Marta Penna (UK), Ken Campbell (UK)

- 16.30 - 16.45 Indications - Ronan Cahill (Ireland)
- 16.45 - 17.00 Anatomical landmarks - Jurriaan Tuynman (The Netherlands)
- 17.00 - 17.15 Radiological findings - Bibi Martens (The Netherlands)
- 17.15 - 17.30 Complications - Freek Daams (The Netherlands)
- 17.30 - 17.45 EAES guidelines: complicated diverticulitis - Dorin Popa (Sweden)

17:45 - 17:55 Intracorporeal robotic assisted Kono-S anastomosis for Crohn's disease; description of surgical technique - Bo Smalbroek, F. Poelmann, A. Smits (The Netherlands)

16.30 - 18.00 hrs Scientific

Room: Sydney 0.10

S62 EAES & NVEC How to combine innovation and sustainability

Stream:

Chairs: Schelto Kruijff (The Netherlands), Kevin Wevers (The Netherlands), Stefania Marconi (Italy)

16.30 - 16.45 Sustainability and responsibility to incorporate in innovation - Andrea Pietrabissa (Italy)

16.45 - 17.00 Environmental sustainability in robotic and laparoscopic surgery - Nader Francis (UK)

17.00 - 17.15 How to improve your surgical procedures to minimalise environmental impact (CAREFREE) - Myrthe Eussen (The Netherlands)

17.15 - 17.30 Neuromodulation to improve patient outcome - Misha Luyer (The Netherlands)

17.30 - 17.45 Sustainable education and training in gynaecology - Anne Timmermans (The Netherlands)

17:45 - 17:55 **O153** - Laparoscopy vs Robotic left hemicolectomy: who is the biggest producer of environmental pollution? - Nicola Leone, S Arolfo, T Horeman, A Arezzo, M Morino (Italy)

16.30 - 18.00 hrs Scientific

Room: Cape Town 0.11

S63 EAES & SAGES Complications in surgery

Stream:

Chairs: Alexis Buggenhout (Belgium), Christopher Schlachta (Canada)

16.30 - 16.45 Anastomotic leakage - Murielle Mormont (Switzerland)

16.45 - 17.00 Adverse events following robotic surgery - Christopher Schlachta (Canada)

17.00 - 17.15 Impact of complications on our environment - Pat Sylla (USA)

17.15 - 17.30 How the use of AI can avoid complications - Amin Madani (USA)

17:30 - 17:40 **O154** - Protective Ileostomy Creation after Anterior Resection of the Rectum (PICARR): a decision-making exploring international survey. Preliminary results - Andrea Balla, F Saraceno, S Di Saverio, M Guerrieri, S Morales-Conde, E Targarona, N Di Lorenzo, P Sileri, PICARR collaborative group (Italy)

17:40 - 17:50 **O155** - Prospective Single arm study evaluating SEAL-G MIST laparoscopic device for covering GI anastomosis and reducing anastomotic leaks complications (sub group analysis) - MOSHE KAMAR, O.Z Zmora, L.R Lavi, S.A Spinneli, S.M. Shimonov, M.I Montroni (Israel)

17:50 - 18:00 **O156** - Investigating the sustainability argument for digital healthcare: a life cycle assessment of remote patient monitoring in cardiac follow-up - Egid van Bree, D.E. Atsma, E.A. Brakema (The Netherlands)

16.30 - 18.00 hrs Free paper

Room: Brussels 0.4

S64 Communications on hernia repair

Stream: Hernia-Adhesions

Chairs: Eugenio Licardie (Spain), Ales Tomazic (Slovenia)

16:30 - 16:40 **O157** - ENDOSCOPIC REPAIR OF PARASTOMAL HERNIA USING MINIMALLY INVASIVE MODIFIED SUGARBAKER APPROACH (E-TEP PAULI). MID-TERM RESULTS - Eugenio Licardie, F. Moreno-Suero, L. Navarro-Morales, S. Morales-Conde, J. Bellido-Luque (Spain)

16:40 - 16:50 **O158** - Conventional defect closure (IPOM-plus) vs Laparoscopic Intracorporeal Rectus Aponeuroplasty (LIRA). Results of a comparative study. - Julio Gómez-

- Menchero, A. Aguilar Marquez, L. Navarro Morales, J García Moreno, A. Balla, J.A Bellido Luque, E. Licardie Bolaños., S. Morales Conde (Spain)
- 16:50 - 17:00 **O159** - MINIMALLY INVASIVE VENTRAL HERNIA REPAIR WITH POSTERIOR COMPONENTS SEPARATION AND TRANSVERSUS ABDOMINIS RELEASE - Vasil Kyosev, PGI Georgiev, VMM Metodiev, GKK Kirilov, KSV Stefanov, GBG Borisov (Bulgaria)
- 17:00 - 17:10 **O160** - Laparoscopic-Assisted Rectus Diastasis Approximation (LARDA) in an Asian population: An observational case series - Mehak Mahipal, SW Wijerathne, DL Lomanto (Singapore)
- 17:10 - 17:20 **O161** - LAPAROSCOPIC eTEP APPROACH TO VENTRAL HERNIAS: SHORT-TERM OUTCOMES - Jeancarlos Trujillo-Díaz, J.R. GÓMEZ LÓPEZ, P. CONCEJO CUTOLI, M.A. MONTENEGRO MARTIN, S. SCHENONE, C. JEZIENTIECKI FERNANDEZ, J.C. MARTÍN DEL OLMO (Spain)
- 17:20 - 17:30 **O162** - To close, not to close, or to act bigger? Managing the defect of large direct inguinal hernia to reduce the risk of recurrence during laparoscopic TAPP repair - Francesco Brucchi, (Italy)
- 17:30 - 17:40 **O163** - Surgical Procedure and Surgical Outcome of TAPP after previous radical prostatectomy - Ohuchi Masakazu, Y.I Ishizaki, K.N Nagakari, J.Y Yoshimoto, S.O Oka, S.Y Yoshikawa, T.M Mizuno, K.T Takehara, D.A Azuma, S.K Kohama, J.N Nomoto, T.O Otsuka, R.H Hatta, M.I Igarashi M.F Fukunaga (Japan)
- 17:40 - 17:50 **O164** - 10 years of usage of a self adhesive mesh in TAPP hernia repair. Long term result of a prospective study based on European Herniamed Register. - Pavol Klobusicky, P.F. Feyerherd (Germany)
- 17:50 - 18:00 Minimally invasive treatment of primary perineal hernia - Juan Ramón Gómez López, J.J. Trujillo Díaz, P. Concejo Cútoli, M.A. Montenegro Martín, F. Schenone, C. Jezieniecki Fernández, J.C. Martín Del Olmo (Spain)

16.30 - 18.00 hrs Free paper

Room: Paris 0.5

S65 Communications on surgical education

Stream: Surgical education and training

Chairs: Masie Rahimi (The Netherlands), Tan Arulampalam (UK)

- 16:30 - 16:40 **O166** – Objective assessment of psychomotor skills of experienced surgeons vs novices using the Laparo ‘APEX’ simulator - Anouschka Lenderink, J.E.H. Ponten, M.K. Chmarra, J.J. Jakimowicz (The Netherlands)S65
- 16:40 - 16:50 **O167** - Cognitive learning vs. practical “hands-on” training in the acquisition of laparoscopic surgical skills in novices: A perfect combination study - Amila Cizmiciu, N. Schwabe, D. Killat, F. Häberle, B.P. Müller-Stich, F. Nickel (Germany)
- 16:50 - 17:00 **O168** - Large language model’s use for patient counselling: definitely not ready for prime time - Sofia Morais, B. Pinto, P. Mira, A.S. Soares (Portugal)
- 17:00 - 17:10 **O169** - Surgical Education Checklist: A Novel Tool to Improve Uptake of Competence by Design in a Residency Program and Surgical Resident Experience - Yung Lee, Khamar, T McKechnie, I Yang (Canada)
- 17:10 - 17:20 **O170** - Retention of basic laparoscopic skills over time - an observational, longitudinal study - Mark Enrik Geissler, J.P Bereuter, R.B Geissler, N Buck, S Schmidt, F Fries, J Weitz, M Distler, F Oehme, F von Bechtolsheim (Germany)
- 17:20 - 17:30 **O171** - Time pressure leads to increased force application and an increased error rate in robotic-assisted surgery - Nathalie Buck, H. Engler, J.P. Bereuter, M.E. Geissler, A. Witt, J. Weitz, M. Distler, F. von Bechtolsheim, F. Oehme (Germany)
- 17:30 - 17:40 **O172** - Advanced Laparoscopic Suturing training: the price you pay for barbed sutures vs. multifilament sutures; an international multicentre and multidisciplinary study - Masie Rahimi, S.F. Hardon, H. J. Bonjer, T. Horeman, F. Daams (The Netherlands)

17:40 - 17:50 **O173** - Enhancing training in laparoscopic cholecystectomy for surgical residents through AI-Assisted video analysis and structured educational sessions - Richard Vercoulen, *P. Krielen, F. Workum* (The Netherlands)

17:50 - 18:00 **O174** - Mental rehearsal for the acquisition of surgical skills: A comprehensive review - Josephine Walshaw, *P Barach, B Huo, P Banks, A McClean, F LeBron, F Mushtaq, D Jayne, D Miskovic, M Yiasemidou* (United Kingdom)

16.30 - 18.00 hrs Free paper

Room: Rome 0.8

S66 Communications on inflammatory bowel disease and colon surgery

Stream: Colorectal

Chairs: Michel Adamina (Switzerland), Tim Lubbers (The Netherlands)

16:30 - 16:40 **O175** - Robotic intracorporeal Kono-S anastomosis in Crohn's disease: a safety and feasibility study on short term outcomes - Bo Smalbroek, *F. Poelmann, A. Smits* (The Netherlands)

16:40 - 16:50 **O176** - Does robotic surgery provides better outcomes compared to laparoscopic approach in inflammatory bowel disease? - Ali Yasen Mohamedahmed, *S Zaman, W Abdelrahman, H.E Abdalla, A.A Wuheb, M.T Issa, N Yassin* (United Kingdom)

16:50 - 17:00 **O177** - Robotic Beyond Total mesorectal excision & PLND: Institutional experience from Tertiary cancer care centre in India - AVNISH SAKALANI, *Rohit Mundhada, Tejas Vispute, Ankit Sharma, Yogesh Bansod, Sanjay Singh, Sayali Dohale, APS Saklani* (India)

17:00 - 17:10 **O178** - Initial Experience with the Hugo-RAS Robotic System in Colorectal Surgery - Juan-Manuel Rome 0.8ro-Marcos, *C Cuenca-Gómez, J.G. Sampson-Dávila, J Altet-Torné, S González-Abós, I Ojeda-Jiménez, S Delgado-Rivilla* (Spain)

17:10 - 17:20 **O179** - MANAGEMENT FOR LEFT-SIDE OBSTRUCTIVE COLON CANCER - Vasil Kyosev, *PGI Georgiev, VMM Metodiev, GKK Kirilov, KSV Stefanov, GBG Borisov* (Bulgaria)

17:20 - 17:30 **O180** - Long term outcomes of the obstruction protocol in benign and malignant colonic obstruction of a multicentre study - Bo Smalbroek, *L. Dijkman, J. Bloemen, A. Smits* (The Netherlands)

17:30 - 17:40 **O181** - Stoma marking site prototype device: An interventional prospective pilot study. - Ernesto Jesús Barzola Navarro, *M Gachavayov, M Javadov, M Felsenreich, R Bergamaschi* (Peru)

17:40 - 17:50 **A 3 mm Port Reduces Postoperative Pain After Laparoscopic Colon Cancer Surgery: A Case-control Matched Study** - Jeong Seung-Yong, *Jeong Seung-Yong, J.S. Jin Sun, M. J. Min Jung, J.W. Ji Won, A.S. Aesun, H.R. Hyeree* (Korea)

17:50 - 18:00 **Recto-vaginal fistulae after ultra-low rectal anterior resection.** - Núria Mestres Petit, *J. Ortega Alcaide, G. López-Soler, M. Santamaría Gómez, F.D. Gómez Baez, P. Muriel Álvarez, A. Escartín Arias* (Spain)

18.00 - 19.00 hrs free paper award

Room: Auditorium 1

S67 ORReady Award

Stream:

Chairs: Stefania Marconi (Italy), Manuel Sanchez Casalongue (Spain)

18:00 - 18:10 **O182** - Errors and Skills Analysis in Robotic Suturing with an Initial Application and Evaluation of Deep Learning Methods - Matt Boal, *Sirajudeen, Anastasiou, Xu, Mazomenos, Kelly, Collins, Francis, Sridhar* (United Kingdom)S67

18:10 - 18:20 **O183** - THE TURBINE-BASED INSUFFLATOR FOR LAPAROSCOPY: A CLINICAL SAFETY AND FEASIBILITY STUDY. - Amber De Jong, *John Vlot, E. Ghilotti, F. Sterke, W. Van Weteringen, P.J. Tanis, R.L. Dellaca* (The Netherlands)

- 18:20 - 18:30 **O184** - Enhancing the Depth Perception of Robotic Surgeons: Development of a VR-HMD Visual System - Takuya Sueyoshi, M Sugimoto (Japan)
- 18:30 - 18:40 **O185** - Is the pure laparoscopic hepatectomy in liver segments 7 and 8 safe? Laparoscopic Parenchymal-Sparing Hepatectomy for Lesions with Proximity to Major Vessels in Posterosuperior Liver Segments 7 and 8 - Koji Kikuchi, H. Nitta, H. Katagiri, S. Kanno, A. Umemura, D. Takeda, T. Ando, S. Amano, T. Kawashima, T. Kimura, A. Sasaki (Japan)
- 18:40 - 18:50 **O186** - A deep learning approach to predict liver fibrosis from laparoscopic videos: intraoperative liver resection decision support - Namkee Oh, B. Kim, J. Rhu, M. Lim, C.W. Cho, J. Kim, H. Yoo, G.S. Choi (Korea)
- 18:50 - 19:00 CRITICAL VIEW OF SAFETY, IT'S NOT ALWAYS AS IT SEEMS - Claudio Antonio Guariglia, M. Bardaji Bofill, M. Sola Cardona, S. Pardo Lopez, M. Font Prat, M.E Caraiman Gall, S.K Valderrama Chacon, P. Collera Ormazabal (Spain)

18.00 - 19.00 hrs Free paper

Room: Auditorium 2

S68 Communications on benign biliary surgery

Stream: HPB - Gallbladder

Chairs: Thomas Carus (Germany), Alessandro Esposito (Italy)

- 18:00 - 18:10 **O187** - Detection of the common bile duct in difficult laparoscopic cholecystectomies by using ICG fluorescence cholangiography - Thomas Carus, K. Gál (Germany)
- 18:10 - 18:20 **O188** - Outcomes of laparoscopic common bile duct exploration: a comprehensive decade-long study - Volodymyr Grubnik, Viktor Grubnyk, V.V. Ilyashenko, Zahrebelna-Karaiani, Kirillova (Ukraine)
- 18:20 - 18:30 **O189** - The Effects of Previous Abdominal Surgery and the Utilisation of Modified Access Techniques on the Operative Difficulty and Outcomes of Laparoscopic Cholecystectomy and Bile Duct Exploration - James Lucocq, A.H.M Nassar (United Kingdom)
- 18:30 - 18:40 **O190** - Our Experience with Post-Cholecystectomy Bile Duct Injuries Over the Past Two Decades - Om Prakash, SR Rai, DJ Dhal, VKB Bansal, SK Kumar, MCM Misra (India)
- 18:40 - 18:50 **O191** - Towards autonomous cholecystectomy: gallbladder manipulation with a semi-autonomous robotic assistant for laparoscopic surgery - Rayan Younis, A. Schulze, B. Alt, C. Kunz, T. Peretto, M. Daum, W. Meier, D. Katic, F. Mathis-Ullrich, B. Müller, S. Bodenstedt, S. Speidel, M. Distler, J. Weitz, M. Wagner (Germany)
- 18:50 - 19:00 **O192** - Laparoscopic cholecystectomy in elderly patients: avoid or expedite? - Ali Yasen Mohamedahmed, M Mondragon, J FARQUHARSON, S Shafquat, U Raja, A Ijaz, D Singh-Ranger (United Kingdom)

18.00 - 19.00 hrs Free paper

Room: Sydney 0.10

S69 Communications on thyroid surgery

Stream: Solid organs / endocrine / general

Chairs: Anton Engelsman (The Netherlands), Schelto Kruijff (The Netherlands)

- 18:00 - 18:10 **O193** - Enhancing retrosternal goiter surgical approaches: the integration of videoendoscopy with conventional - Volodymyr Grubnik, Parfentiev, Grubnyk, Ilyashenko, Sliepov, Hryzlov (Ukraine)
- 18:10 - 18:20 **O194** - Quantitative indocyanine green fluorescence angiography prediction of parathyroid gland vitality during thyroidectomy - Phil Mc Entee, F. Triponez, M.S. DeMarchi, R. Cahill (Ireland)

- 18:20 - 18:30 **O195** - NEAR-INFRARED AUTOFLUORESCENCE PATTERN IN PARATHYROID GLAND ADENOMA: A PRELIMINARY EXPERIENCE - Andrea De Palma, *L. Rossi, L. Fregoli, P. Papini, C. Becucci, B. Gjeloshi, C.E. Ambrosini, M. Puccini, G. Materazzi* (Italy)
- 18:40 - 18:50 **O196** - The efficiency of bilateral central lymph node dissection in unilobar papillary thyroid cancer and its risks: a cross-sectional study. - Mohamed Abuahmed (United Kingdom)
- 18:50 - 19:00 Hybrid Cervical Thyroidectomy and Uniportal Video-Assisted Thoracoscopic (UVAT) and Transcervical Thyroidectomy for Retrosternal Goitres – A Single Institution’s Method - Rui En Lee, *C. H. Tai, J. L. Lee* (Singapore)

18.00 - 19.00 hrs Free paper

Room: Cape Town 0.11

S70 Miscellaneous 2

Stream: Surgical education and training

Chairs: Nienke Warnaar (UK), Calin Popa (Romania)

- 18:00 - 18:10 **O197** - Training in Robotic-Assisted Surgery: a systematic review of training modalities and objective and subjective assessment methods - Masie Rahimi, *E. Uluç, S.F. Hardon, H.J. Bonjer, D. van der Peet, F. Daams* (The Netherlands)
- 18:10 - 18:20 **O198** - A Prospective Controlled Trial Examining the Impact of Simulation on Communication Skills in a Medical Student Population - Cathleen A McCarrick, *A Moynihan, P McEntee, M.F Khan, P Boland, R.A Cahill* (Ireland)
- 18:20 - 18:30 **O199** - Enhancing Robotics Training through the Integration of 3D Video: Optimisation of Simulation Performance and Learning Curves - Taner Shakir, *T Pampligone, M Hassouna, M Chand* (United Kingdom)
- 18:30 - 18:40 Tackerless Para-Stomal laparoscopic hernia repair assisted by Human Xtensions™ - HandX® - Leonardo Silvio-Estaba, *A. Diaz-Padillo, C. Corredera-Cantarín, M. Guasch-Marce, A. Salazar-Baez, J. Comajuncosas-Camps* (Spain)
- 18:50 - 19:00 Laparoscopic Proctocolectomy and pouch confection for Familial Adenomatous Polyposis: Tips and Tricks - Claudia Codina, *A Alonso, A Sanchez, B Espina, O Pino, C Martínez, E.M. Targarona, J Bollo* (Spain)
- 18:40 - 18:50 Laparoscopic low anterior resection in patient with situs inversus totalis – How to approach! - YOGESH BANSOD, *TEJAS. VISPUTE, ANKIT. SHARMA, SANJAY. SINGH, MUFADDAL. KAZI, ASHWIN. DESOUZA, AVANISH SAKLANI* (India)

18.00 - 19.00 hrs Free paper

Room: Brussels 0.4

S71 Communications on bariatrics

Stream: Bariatrics

Chairs: Catalin Copaescu (Romania), Gianfranco Donatelli (Italy)

- 18:00 - 18:10 **O201** - Diagnostic utility of Enhanced Liver Fibrosis (ELF) to predict presence and severity of Advanced Liver Fibrosis in patients with morbid obesity undergoing Bariatric Surgery - Arun Kumar, *V.S Singla, R.C Chekuri, B.R Rath, S.A Aggarwal* (India)
- 18:10 - 18:20 **O202** - Day-case sleeve gastrectomy – implementation of an outpatient bariatric clinic - Gil Faria, *AP Soares-Moreira, FX Marrana, C Guimaraes, JP Gonçalves, RS Peixoto* (Portugal)
- 18:20 - 18:30 **O203** - Utilization of Opioid-Free Analgesia and Locoregional Blockade in Bariatric Surgery - Ruth Lopez Gonzalez, *S. Sanchez-Cordero, A De Miguel, J Pujol* (Spain)
- 18:30 - 18:40 **O204** - Robotic-assisted Roux-en-Y gastric bypass: comParis 0.5on of two different platforms with a propensity score matching analysis - Giuseppe Marincola, *P. Gallucci, P. F. Procopio, G. Salvi, F. Pennestrì, L. Ciccoritti, F. Greco, M. Raffaelli* (Italy)

- 18:40 - 18:50 Anastomotic gastrojejunal ulcer perforation following robotic Roux-en-Y gastric bypass: a challenging laparoscopic repair - Malina Emanuela Caraiman Gall, M. Bardají Bofill, M. Molinete Carrillo, C. A Guariglia, S. Pardo López, M. Font Prat, S. K Valderrama Chacón, P. Collera Ormazabal (Spain)
- 18:50 - 19:00 Robotic fluorescence-guided reversal Roux-en-Y gastric bypass (RYGB): a psychiatric indication. - Elisa Reitano, A Alexandre, P Riva, S Perretta, J Marescaux, D Mutter, M Vix (France)

18.00 - 19.00 hrs Free paper

Room: Paris 0.5

S72 Videos on hepatic surgery

Stream: HPB - Liver

Chairs: Marielle Coolsen (The Netherlands), Felix Nickel (Germany)

- 18:00 - 18:10 Precise Anatomy of the Hepatic Vein and its Application in the Hepatic Vein-Guided Approach - Kazuteru Monden, I. Iwasaki, M. Hioki, H. Sadamori, N. Takakura (Japan)
- 18:10 - 18:20 Laparoscopic right hepatectomy and segment 1 resection for giant liver hemangioma - Hugo Cardoso-Louro, C.E. Costa-Almeida, J Esteves, H Cristino, J Vilaça (Portugal)
- 18:20 - 18:30 Segment 7 colorectal cancer liver metastasis: trans-thoracic endoscopic approach - Hugo Louro, A Fonte-Boa, J. Vilaça (Portugal)
- 18:30 - 18:40 Robotic extended right hepatectomy for perihilar cholangiocarcinoma IIIA - Benedetto Ielpo, G. Vellalta, MV. d'addetta, P. Sanchez-Velazquez, F. Burdio, E. Rosso (Spain)
- 18:40 - 18:50 Utilization of Indocyanine Green for Hepatic Metastatic Disease Through Laparoscopic Caudate Resection – A Case Report - Carlos Arturo Vera Vasquez, V. Molina Santos, A. Garcia Romera, A.B. Martin Arnau, A. Moral Duarte, S. Sanchez Cabus (Spain)
- 18:50 - 19:00 Left lateral hepatectomy due to hepatic hydatid cyst - Rui Mendes Costa, R. Ribeiro Dias, E. Campos, M. Almeida, S. Pedrosa, L. Graça, E. Barbosa (Portugal)

18.00 - 19.00 hrs Free paper

Room: Rome 0.8

S73 Videos on pancreatic surgery

Stream: HPB – Pancreas

Chairs: Luca Morelli (Italy), Frederic Ris (Switzerland)

- 18:00 - 18:10 Modified Huscher technique for minimally invasive pancreaticojejunostomy. - Alessia Fassari, V De Blasi, E Rosso (Luxembourg)
- 18:10 - 18:20 Levels of Robotic mesopancreas dissection according to malignancy and vascular anatomy. What surgeons need to know. - Benedetto Ielpo, MV. d'Addetta, A. Anselmo, E. Rosso, V. de Blasi, P. Sanchez-Velazquez, M. Podda, F. Burdio (Spain)
- 18:20 - 18:30 LAPAROSCOPIC SPLENO-PANCREATECTOMY FOR ACINAR CELL CARCINOMA: OUR TECHNIQUE - Elisa Cassinotti, L Baldari, F Marcucci, L Boni (Italy)
- 18:30 - 18:40 Robotic Pancreatico-jejunostomy and Intraoperative Lithotripsy for the Treatment of Pancreatolithiasis - Christian Jorge Robles Bardales, C González, D Costa, F Landi, F Ausania (Spain)
- 18:40 - 18:50 Initial experience of bioabsorbable stent to protect pancreatic and biliary anastomosis during robotic surgery - Ignacio Gil, C. GONZALEZ-ABOS, D. COSTA, F. LANDI, F. AUSANIA (Spain)

18:50 - 19:00 Reduced-port robotic pancreaticoduodenectomy with optimized surgical field deployment: early results of single-site plus-two ports method - RIKI NINOMIYA, *K Mori, M Komagome, A Kimura, Y Beck, CL Hsieh, CM Peng* (Japan)

Friday, 14th June

MC4 Artificial Intelligence (sponsored by Asensus through an unrestricted educational grant)
Masterclass directors: Felix Nickel (Germany), Chen Sagiv (Israel), Pietro Mascagni (Italy)
Faculty: Ronan Cahill (Ireland), Pieter de Backer (Belgium), Young-Woo Kim (Korea), Luca Sestini (France), Deepak Alapatt (France)

Room: Sydney 0.10

09.00 - 17.30 hrs

Bring your own laptop

Session 1: Digital surgery

09:00 - 09:30 Surgical data science - Pietro Mascagni (Italy)

09:30 - 10:00 Surgical robotics as a key platform - Pieter de Backer (Belgium)

10:00 - 10:30 Surgical quality assessment with AI - Felix Nickel (Germany)

10:30 - 10:45 Ethical, cultural, and educational considerations - Young-Woo Kim (Korea)

10.45 - 11:15 **Coffee break**

Session 2: Developing AI

11:15 - 11:45 Surgical computer vision - Deepak Alapatt (France)

11:45 - 12:15 Surgical AI: practical considerations - Luca Sestini (France)

12:15 - 12:45 Making CLASSICA - Ronan Cahill (Ireland)

12.45 - 13:45 **Lunch break**

13.45 - 17:30 Hands-on

Building a surgical AI application - Luca Sestini (France)

State of the art annotation tools for surgical video - Chen Sagiv (Israel)

Automatic FLS - Deepak Alapatt (France)

During the hands-on part there will be a coffee break from 14.30 - 14:45 hrs

17:30 Farewell

1,5-Hour webinar in preparation of the course on Tuesday, 21st May at 17.00 hrs CEST

Moderators: Pietro Mascagni, Felix Nickel

Introduction by Asensus

Tactile internet in surgery - Martin Wagner

The OR of the future: AI infrastructure & AI tools - Chen Sagiv

AI in surgery - Roi Anteby

Audience we are aiming to attract:

-Surgeons of any age, residents, medical students interested in getting more basic knowledge on AI research and applications in surgery including some practical exposure to surgical AI

Programme:

-Basic introduction to AI including core terms and different architectures of important models,
-overview of 1. Sensors /Data, 2. AI Models, 3. AI Tasks, 4. AI Applications, 5. Outcomes, 6. Successful clinical use of AI in surgery
-Practical exercises with AI applications, participants are encouraged to bring their own device (Laptop) and also their own data (surgical video or CT scan) for live experience of annotation, labelling etc.

MC5 How to become a successful innovator: medical device innovation boot camp

Masterclass directors: Kiyokazu Nakajima (Japan), Paul Barach (USA), Yoav Mintz (Israel)

Morning 09.00 - 14.00 hrs

Room: Cape Town 0.11

5 participants x 4 tables (20 in total) plus faculty (can be extended to 25 participants if needed)

- 09:00 - 09:10 Introduction - Kiyokazu Nakajima (Japan)
09:10 - 09:20 Ice breaker at each table - Paul Barach (USA)
09:20 - 09:40 The process of innovation - Yoav Mintz (Israel)
09:40 - 10:00 Rapid prototyping - Yuji Ishii (Japan)
10:00 - 10:20 Insights from an entrepreneur: "from concept to reality - testimonies from founder and CEO of OVESCO" - Marc Schurr (Germany)
10:20 - 10:40 User models, task analysis and device usability assessment - Paul Barach (USA)
10:40 - 11:00 Insights from an entrepreneur: "my failure stories" - Amir Szold (Israel)
- 11.00 Get coffee and return to meeting room
- 11:00 - 11:40 Round table session 1*
- 11:40 - 12:00 Role of engineers in MedTech innovation - Tim Horeman (The Netherlands)
12:00 - 12:20 Insights from an entrepreneur "The reality of forming a startup company - how to survive the struggles of funding, IP and competition" from the CEO of Momentis Surgical - Dvir Cohen (Israel)
- 12:20 Get lunch and return to meeting room
- 12:20 - 13:00 Roundtable session 2*
- 13:00 - 13:30 Pitch session (5-min presentation from each table)
13:30 - 14:00 Wrap up and next steps - Paul Barach (USA)

The EAES Innovation boot camp 2024 is a half-day hands-on masterclass learning opportunity for surgeons and engineers interested in the process of designing and manufacturing medical devices.

The boot camp is structured to help participants quickly improve their innovative thinking while immersing themselves in rigorous, collaborative, action-learning activities centered around the process of designing, prototyping, and manufacturing of medical devices while practicing new innovation skills on real clinical opportunities.

The boot camp is designed around short lectures from seasoned, experienced innovators who will present real-world issues and scenarios coupled with roundtable innovation training sessions (max. 5

participants per table) with experienced innovation practitioners. The hybrid course will include a mix of on-site and pre-recorded presentations.

You will learn principles central to innovation directly from seasoned instructors: assessing user needs, problem discovery, generating ideas, user innovation, customer sense-making, risk management, manufacturing and quality, regulatory affairs, and more. You will hear from entrepreneurs, investors, and other diverse and international ecosystems.

By the end of the programme, participants will be able to:

- Identify user needs for medical devices through primary and secondary research.
- Explore healthcare systems, challenges, and innovations starting with selecting a problem, developing a superior solution, and building a sustainable business model together.
- Combine product needs with fundamental science and human factors engineering to understand how to develop a prototype medical device for the benefit of society.
- Appreciate strategic storytelling on how best to present ideas and gain stakeholder and financial support.
- Learn how best to contribute productively on an interdisciplinary team tackling complex design, engineering and clinical problems.

* The roundtable faculty:

Manish Chand (UK)

Marc Schurr (Germany)

Michele Diana (France)

Luigi Manfredi (UK)

Yuji Ishii (Japan)

Tim Horeman (Netherlands)

Amir Szold (Israel)

Dvir Cohen (Israel)

Supplemental material

Participants should read and view the supplemental material prior to the course:

pre-recorded Basics of regulatory process - Paul Barach (USA)

pre-recorded Basics of intellectual property - Kiyokazu Nakajima (Japan)

pre-recorded Pre-clinical trials - Yoav Mintz (Israel)

link How do I prepare a smart business plan

<https://hbr.org/1985/05/how-to-write-a-winning-business-plan>

link Which reimbursement code should I choose

<https://mediclever.com/medical-device-reimbursement-europe-eu.php>

MC6 Surgical Performance Academy - achieving mastery in surgical practice

Masterclass director: Tan Arulampalam (UK)

09.00 - 15.30 hrs

Room: Brussels 0.4

A training day with Paul Barach (USA), Debbie Gooch (UK), Michael Blackhurst (New Zealand)

Blurb:

Despite excellence in technical training we find that healthcare is blighted by high levels of preventable harm and poor outcomes. Most surgical complications do not originate from

intraoperative technical errors, but rather from deficiencies in non-technical skills, such as communication and trust breakdown. This is costly to our patients and the system but also causes lasting injury to healthcare staff who are often not trained on how to recognise, prevent and mitigate. The success of non-medical, high performing (high-reliability organizations) is based on high-performing teams, standardized communication, and redundant fail-safe backup options which prevent an error from cascading to harm. This deep dive course addresses how best to introduce radical truth, civility, entrustment, team working and higher quality communication skills within high performing multidisciplinary surgical teams through deep reflection, discussion, role play and storytelling. Pre course materials including digital assets will be provided as well as questionnaires seeking to direct the learners to deep reflection and a focus on relevant issues for achieving exceptional and consistent surgical outcomes. We will ensure post workshop follow up occurs to help facilitate and drive culture change.

MC7 Ta-TME: Transanal total mesorectal excision for rectal cancer

Course director: Michel Adamina (Switzerland)

Room: Paris 0.5

- 09:30 - 10:00 Welcome
- 10:00 - 10:05 Course outline & objectives - Michel Adamina (Switzerland)
- 10:05 - 10:25 An overview of surgical techniques for proctectomy - Georgios Peros (Switzerland)
- 10:25 - 10:45 Rationale, indications, and benefits of ta-TME - Michel Adamina (Switzerland)
- 10:45 - 11:05 The perfect operation: operative room setup, devices, and instruments - Frédéric Ris (Switzerland)
- 11:05 - 11:25 The perfect operation: surgical technique step by step - Marta Penna (UK)
- 11:25 - 11:45 The less than perfect operation: pitfalls and complications - Jurriaan Tuynman (The Netherlands)
- 11:45 - 12:00 Discussion
- 12:00 - 13:10 Lunch break
- 13:10 - 13:30 Pelvic anatomy revisited / pelvic nerve preservation - Isacco Montroni (Italy)
- 13:30 - 13:50 Beyond cancer: more indications for the transanal approach - Roel Hompes (The Netherlands)
- 13:50 - 14:10 Unedited taTME videos - All faculty
- 14:10 - 14:30 ICG and near-infrared fluorescence angiography and mapping - Merlijn Hutteman (The Netherlands)
- 14:30 - 14:50 Transanal transection and single-stapled anastomosis - Caterina Foppa (Italy)
- 14:50 - 15:20 Coffee break
- 15:20 – 15:40 Is a robotic approach an alternative to taTME in cancer & IBD? - Patricia Tejedor (Spain)
- 15:40 - 16:00 Introducing ta-TME at home: advice and tricks of the trade - Patricia Sylla (USA)
- 16:00 - 16:20 Discussion - all you ever wanted to ask - All faculty
- 16:20 - 16:30 Course evaluation
- 16:30 - 16:45 Closure

MC8 Systematic review and meta-analysis for guideline development

Course directors: Francesco Maria Carrano (Italy), Stavros Antoniou (Greece)

Facilitators: Stavros Antoniou (Greece), Bright Huo (Canada), Dimitris Mavridis (Greece), Monica Ortenzi (Italy), Eugenia Romano (UK), Sofia Tsokani (Greece), Alexandros Tzanis (Greece)

Observer: Dana Sochorova (Czech Republic)

Room: Rome 0.8

FOR INVITED PARTICIPANTS ONLY

Session 1: Systematic review

- 09.00 - 09.05 Introduction - Stavros Antoniou (Greece)
09.05 - 09.10 Definition, importance, and aims of a systematic review - Francesco Maria Carrano (Italy)
09.10 - 09.20 Characteristics of different types of literature reviews - Eugenia Romano (UK)
09.20 - 09.30 Building a protocol - Stavros Antoniou (Greece)
09.30 - 09.45 Systematic review: researching the evidence - Bright Huo (Canada)
09.45 - 09.55 Systematic review: selecting studies - Alexandros Tzanis (Greece)
09.55 - 10.05 Systematic review: collecting data - Eugenia Romano (UK)
10.05 - 10.10 Continuous data - Sofia Tsokani (Greece)
10.10 - 10.15 Dichotomous and time-to-event data - Dimitris Mavridis (Greece)
- 10.15 - 10.30 Break
- 10.30 - 11.00 Systematic reviews: assessing bias in RCTs - Bright Huo (Canada)
11.00 - 11.30 Systematic reviews: assessing bias in observational studies - Alexandros Tzanis (Greece)
11.30 - 11.40 Review report - Monica Ortenzi (Italy)
11.40 - 11.45 Putting it all together - Francesco Maria Carrano (Italy)
- 11.45 - 12.00 PROFICIENCY TEST - 15 minutes

Session 2: Advanced systematic review and meta-analysis course

- 12.00 - 12.20 Analysing data and undertaking a meta-analysis: introduction to meta-analysis - Sofia Tsokani (Greece)
12.20 - 12.40 Fixed effect and random effects meta-analysis (dichotomous/continuous outcomes, counts and rates, time to event outcomes) - Dimitris Mavridis (Greece)
12.40 - 12.50 Effect sizes (risk/odds ratio) - Sofia Tsokani (Greece)
12.50 - 13.05 Heterogeneity (subgroup/meta-regression analyses) - Dimitris Mavridis (Greece)
13.05 - 13.15 Small study effects and publication bias - Dimitris Mavridis (Greece)
13.15 - 13.20 Missing data - Dimitris Mavridis (Greece)
13.20 - 13.25 Introduction to network meta-analysis - Dimitris Mavridis (Greece)
13.25 - 13.30 Putting it all together - Sofia Tsokani (Greece)

Course objectives: The primary aim of this course is to create a task force of proficient systematic reviewers who can contribute effectively as official systematic reviewers for the purposes of EAES guidelines development.

This course is designed to teach young surgeons the skills and knowledge they need to conduct high-quality systematic reviews that can be used to inform future EAES clinical practice guidelines.

Systematic reviews are an essential tool for guideline development because they provide a comprehensive and unbiased overview of the evidence on a particular topic. By conducting

systematic reviews, surgeons can play a vital role in ensuring that EAES clinical practice guidelines are based on the best available evidence.

The course will cover all aspects of the systematic review process, including advanced evidence synthesis methods, and provide guidance to participants on how to develop a search strategy, conduct the review, and write and publish their findings.

H05 Basic & advanced laparoscopic skills

Course directors: Nicole Bouvy (The Netherlands), Mahdi Al-Taher (UAE)

Tutors: Kevin Wevers (The Netherlands), Tim Lubbers (The Netherlands), Nariaki Okamoto (Japan), Evalyn Mulder (The Netherlands), Shiromani Janki (The Netherlands)

Location: MUMC - proefdierlab

12 participants

09.00 - 17.00 hrs

Residents, specialists and consultants looking to advance their surgical skills (first come, first served)
The course will be held at the laparoscopy training facilities of the Maastricht University Medical Center, where the surgery procedures will be trained on living porcine models.

The course provides, among others:

- Maximum laboratory time to practice a wide range of basic to advanced laparoscopic skills
- Hands-on practical sessions on a variety of laparoscopic procedures (open/closed introduction, cholecystectomy, appendectomy, perforated viscus, stapled anastomosis, hernia repair)
- Opportunity of using advanced surgical energy devices
- Expert guidance to address a variety of topics in laparoscopic surgery
- Personal feedback
- Opportunity to view different applications with Introduction to advanced intraoperative imaging techniques and state of the art surgical instrumentation

Programme outline:

08.00 - 08.30	Arrival and registration at the Maastricht University Medical Center, conference room Department of Surgery
08.30 - 09.00	Introduction and meet & greet of faculty and course participants
09.15 - 12.30	Hands-on practice of basic laparoscopy skills
12.30 - 13.00	Lunch break
13.00 - 16.30	Advanced laparoscopy skills (stapling, energy devices, anastomotic creation etc.)
16.30 - 17.30	Debrief and farewell drinks