

**UPDATED 11<sup>th</sup> November 2021 - SUBJECT TO CHANGE**  
(The congress app has the most up to date information)

**IFSES 17th World Congress of Endoscopic Surgery**  
**Hosted by the 29th International Congress of the European Association for Endoscopic Surgery,**  
**incorporating the 16th Meeting of the section of Minimally Invasive Surgery and Technological**  
**Innovation of the Spanish Association of Surgery.**  
**Wednesday 24, Thursday 25, Friday 26 and Saturday 27 November 2021**  
**Location: CCIB Barcelona, Spain**  
**Theme: EAES goes global**

**Wednesday, 24<sup>th</sup> November 2021**

**UEMS1.** UEMS Practical exams (OSCE circuit)  
Course director: Marek Soltés (Slovakia)  
Sala 118+119  
Whole day 07.30 - 15.00 hrs

Georg Bischof (only UEMS)  
Lars Fischer (not faculty)  
Dorin Popa  
Nader Francis  
Nathan Curtis  
Beat Muller  
Dusan Lesko

**TS1. Technology symposium**

**Symposium directors: Michele Diana (France), Stefania Marconi (Italy)**  
**Sala 120+121**

**Session 1: How realistic is 3D printing for surgery today?**

09.00 - 09.20 Facts and figures of 3D printing - Andrea Pietrabissa (Italy)  
09.20 - 09.40 Towards patient specific simulation for preoperative planning - Stefania Marconi (Italy)  
09.40 - 10.00 Can 3D printing help in teaching complex anatomy cases? - Felix Nickel (Germany)  
10.00 - 10.20 Use of 3D printers for medical devices on demand - Kiyokazu Nakajima (Japan)

**10.30 - 11.00 Coffee**

**Session 2: Fluorophores in the clinical practice today and tomorrow**

11.00 - 11.20 Current achievements in perfusion issues - Manish Chand (UK)  
11.20 - 11.40 Does it help in lymphadenectomy? - Riccardo Rosati (Italy)  
11.40 - 12.00 Is it preventing biliary tract injuries? - Luigi Boni (Italy)  
12.00 - 12.20 Smart fluorophores and hyperspectral imaging - Michele Diana (France)  
12.20 - 12.40 Targeted fluorophores for surgical oncology precision - Alexander Vahrmeijer  
(The Netherlands)

**12.40 - 14.00 Speed dating lunch** (*logistics via congress app*) 4 x 20 minutes per expert

**Location: general lunch area**

1. Robotics: Pietro Valdastrì (UK)
2. Imaging technologies: Michele Diana (France)
3. Endoluminal surgery: Kiyokazu Nakajima (Japan)
4. Machine learning: Chen Sagiv (Israel)
5. 3D printing & simulation: Stefania Marconi (Italy)
6. Cognitive surgery: George Mylonas (UK) & Fanny Ficuciello (Italy)
7. How to create a start-up company: Tim Horeman (The Netherlands)

**TS2. Amazing Technologies**

Afternoon 14.00 - 17.30 hrs

Sala 120+121

**Chairs: Yoav Mintz (Israel), Tim Horeman (The Netherlands)**

- 14.00 - 14.15 The EAES intellectual property awareness survey - Kiyokazu Nakajima (Japan)
- 14:15 - 14:25 **O250** - A novel Veress Needle mechanism that reduces overshooting after puncturing the abdominal wall - Roelf Postema, *D. Cefai, B. van Straten, R. Miedema, L. Lesmana Hardjo, F. Nickel, T. Horeman-Franse* - The Netherlands
- 14:25 - 14:35 **O251** - A Randomized Controlled Trial Comparing the da Vinci Robotic Simulator with a Novel Portable VR Simulator for Robotic Surgery (PoLaRS) - Tim Horeman, *S. Hardon, A. Kooijmans, R. Horeman, M. van der Elst, A. Bloemendaal* - The Netherlands
- 14:35 - 14:45 **O252** - IMPLEMENTATION OF STEREOTACTIC NAVIGATION IN COLIC SURGERY : INITIAL EXPERIENCE OF THE PELVINAV TRIAL - Antonio D'Urso, *C. Gonzalez, A. Lapergola, G. Mathis, F. Alexandre, B. Dallemagne, D. Mutter* - France
- 14:45 - 14:55 **O253** - Development and Pilot-testing of an Intra-operative Smartphone App for use during Laparoscopic Cholecystectomy procedures - Michael Dennis dela Paz, *M.M. Calimag, M. Mendoza* - Philippines
- 14:55 - 15:05 **O256** - ActivSight™ Dye-less Visualization of Tissue Perfusion in MIS Surgery: Interim Analysis of First Clinical (n=66) and Preclinical (n=20) Studies with ICG Comparison - *Christina Sanders, Chibueze Nwaiwu, Y. Liu, A.N. Panchal, J.L. Butsch, A.B. Hoffman, A.R. Posner, M.A. Falvo, J. Visco, J.B. Ortolani, S.M. Barone, M.D. Burstein, C. DeJesus, N. Bouvy, L. Boni, S.K. Shah, E.B. Wilson, A.F. Dechert, V.E. Buharin, S.D. Schwartzberg, P.C.W. Kim* - USA
- 15:05 - 15:15 **O255** - New method in safe tissue handling; an innovatively balanced compliant laparoscopic grasper - Jan-Willem Klok, *A.T. Steinþórsson, R. Postema, J.L. Herder, J. Dankelman, T. Horeman* - The Netherlands
- 15:15 - 15:25 **O258** - Liver 3D printed mold for training in liver ultrasound guided procedures – concept and development - Radu Claudiu Elisei, *F. Graur, C. Popa, SV. Moldovan, E. Mois, D. Pislă, C. Vaida, H. Stefanescu, A. Cote, N. Al Hajjar* - Romania

- 15:25 - 15:35 **O257** - ArtiSential – a revolution in advanced laparoscopic instrumentation - *Manish Chand, Ibrahim Darwich, H. Schipper, F. Willeke* - United Kingdom
- 15:35 - 16:00 Coffee break
- 16:00 - 16:10 **O259** - Feasibility of bowel perfusion assessment using the laparoscopic laser speckle contrast imaging device Lapvas-Imaging - *Wido Heeman* - The Netherlands
- 16:10 - 16:20 **O260** - Implementing artificial intelligence tools for quality improvement of robotic assisted minimally invasive esophagectomy (RAMIE) *Dolores Mueller, J. Eckhoff, B. Babic, L. Schiffmann, O. Meireles, P. de Backer, N. de Taye, C. Bruns, H. Fuchs* - Germany
- 16:20 - 16:30 **O261** - Intraoperative Navigation for Robot-assisted Radiofrequent Ablation - *Dmitry Panchenkov, D. Klimov, Y. Poduraev, A. Baranov, A. Nechunaev, A. Levin, A. Vorotnikov, Y. Stepanova, L. Prokhorenko, E. Grigorieva, D. Astakhov, R. Liskevich* - Russia
- 16:30 - 16:40 **O262** - Implementation of wearable tech in the OR, challenges met and resolved during the TedTrial. - *Tim Feenstra, M. Jansen, H. Meijer, T. Grantcharov, M. Schijven* - The Netherlands
- 16:40 - 16:50 **O263** - The Study on Artificial Intelligence (AI) Colonoscopy in Affecting the Rate of Polyp Detection in Colonoscopy – A Single Center Retrospective Study - *Yuen Ting Wong, K.F. Wong* - China
- 16:50 - 17:00 **O264** - A new scope warmer/cleaner in the era of global surgery - *Yuto Kubo, T. Yasui, H.K. Bhattacharjee, Y. Matsuda, K. Yamashita, T. Saito, T. Tanaka, T. Makino, T. Takahashi, Y. Kurokawa, H. Eguchi, Y. Doki, K. Nakajima* - Japan
- 17:00 - 17:10 **O265** - LAPAROSCOPIC FUNDUPLICATION WITH HandXTM HOOK AND NEEDLE HOLDER - *Amir Szold, Monica Ortenzi* - Israel
- 17:10 - 17:20 **O266** - Predictive nomogram Anastomotic leak and Implementation of intraoperative procedures to prevent it (PRAI study): a novel technique to evaluate anastomotic vascularization - *Monica Ortenzi, A. Carsetti, M. Palmieri, E. Casarotta, A. Donati, M. Guerrieri* - Italy
- 17:20 - 17:30 **O267** - Advanced Pre-Operative Studies Visualization and Navigation using Volume Rendering of Point-Cloud in Mixed Reality Devices for Minimally Invasive Surgeries - *Carlos Plaza de Miguel, Juan A. Sánchez-Margallo, R.A. Fernández Anzules, F.M. Sánchez-Margallo* - Spain
- 17:30 - 17:40 **O268** - A novel device to prevent thermal injury during laparoscopy in a surgical training environment – a proof of concept study - *Jens Rolinger, P. Beyersdorffer, W. Kunert, P. Wilhelm, O. Burgert, A. Kirschniak* - Germany

**MC1. EAES Research Talent Academy**

Chairs: Sheraz Markar (UK), Suzanne Gisbertz (The Netherlands)

Sala 122 + 123

**Session 1: Creating Diversity in Academic Surgery**

- 10.00 - 10.30 Creating gender diversity - Delia Cortes Guiral (Spain)
- 10.30 - 11.00 Introducing BAME - Patricia Sylla (USA)
- 11.00 - 11.30 Balancing work-life balance as an academic surgical couple - Mark van Berge Henegouwen & Suzanne Gisbertz (Netherlands)
- 11.30 - 12.00 Panel discussion
  
- 12.00 - 14.00 Lunch

**Session 2: Future surgical research**

- 14.00 - 14.30 Artificial intelligence - Felix Nickel (Germany)
- 14.30 - 15.00 Robotic surgery - Richard van Hillegersberg (Netherlands)
- 15.00 - 15.30 Non-invasive diagnostics - George Hanna (UK)
- 15.30 - 16.00 Imaged-guided surgery - Manish Chand (UK)

**MC3. Ta-TME: Transanal total mesorectal excision for rectal cancer**

Course director: Michel Adamina (Switzerland)

Chair: Nicoló de Manzini (Italy) Sala 124 + 125

- 09:30 - 10:00 Registration and welcome coffee
- 10:00 - 10:05 Course outline & objectives - Michel Adamina (Switzerland)
- 10:05 - 10:20 An overview of rectal cancer surgery; current evidence - Nicolas Buchs (Switzerland)
- 10:20 - 10:40 Rationale, indications, and benefits of ta-TME - Michel Adamina (Switzerland)
- 10:40 - 11:00 The perfect operation: operative room setup, devices, and instruments - Frederic Ris (Switzerland)
- 11:00 - 11:20 The perfect operation: surgical technique step by step - Isacco Montroni (Italy)
- 11:20 - 11:40 The less than perfect operation: pitfalls and complications - Juriaan Tuynman (The Netherlands)
- 11:40 - 12:00 Discussion - all faculty
  
- 12:00 - 13:00 Lunch break
  
- 13:00 - 13:20 Pelvic anatomy revisited / pelvic nerve preservation - Isacco Montroni (Italy)
- 13:20 - 13:40 Beyond cancer: other indications for the transanal approach - Antonino Spinelli (Italy)
- 13:40 - 14:25 Unedited videos - all faculty
- 14:25 - 14:45 Introducing ta-TME at home: advice and tricks of the trade - Patricia Sylla (USA)
- 14:45 - 15:00 Discussion - all faculty
  
- 15:00 - 15:30 Coffee break
  
- 15:30 - 15:45 Practical course and post course mentoring programme - Michel Adamina (Switzerland)
- 15:45 - 16:10 Discussion - all faculty
- 16:10 - 16:20 Course evaluation
- 16:20 - 16:30 Closure

**HO1. Flexible Endoscopy HANDS ON**

Course director: Silvana Perretta (France)

Whole day 09.00 - 17.00 hrs

**Tutors: Andras Legner (Austria), Margherita Pizzicannella (Italy), Andrea Spota (France), Antonello Forgione (Italy), Maurizio Fazi (Italy), Mauro Verra (Italy), Karl-Hermann Fuchs (Germany), Pietro Riva (Italy)**

**Assistant: Agnès Gronfier (France)**

**Sala 127+128**

**09.00 - 17.00 hrs**

<https://www.master-surgical-endoscopy.eu/eaes-2021/>

**HO2. Laparoscopic suturing HANDS ON. 2 of the same half day courses**

**Course director: Thomas Carus (Germany)**

Sala 129+130

13.30 - 15.00 hrs

**HO3. Laparoscopic suturing HANDS ON. 2 of the same half day courses**

**Course director: Thomas Carus (Germany)**

Sala 129+130

15.30 - 17.00 hrs

**MC4. Fluorescence - Let's see the invisible and improve outcomes in surgery**

**Course directors: Michele Diana (France), Luigi Boni (Italy), Alberto Arezzo (Italy), Steven Wexner (USA)**

Sala 131+132

14.00 - 14.20 The International Society for Fluorescence Guided Surgery - Fernando Dip (Argentina)

14.20 - 14.40 FIGS in general surgery clinical applications - Salvador Morales Conde (Spain)

14.40 - 15.00 Improving outcomes with FIGS developments and advancements? -  
Manish Chand (UK)

15.00 - 15.20 Improving assessment of intestinal perfusion? - Ronan Cahill (Ireland)

15.20 - 15.40 COFFEE BREAK

15.40 - 16.00 NIR urinary tract enhanced visualisation - Mahdi Al-Taher (The Netherlands)

16.10 - 16.30 How to increase adoption - Luigi Boni (Italy)

16.30 - 16.50 EAES consensus conference on Fluorescence - Ludovica Baldari (Italy)

16.50 - 17.10 IRCAD-EAES Surgery registry - Andrea Spota (Italy)

17.10 - 17.30 The future of fluorescence is bright - Michele Diana (France)

17.30 - 17.50 Panel discussion question and answer session - All

OPENING CEREMONY in Sala 112 as of 19.00 hrs

WELCOME RECEPTION on the exhibition floor as of 20.30 hrs

## Core scientific programme

### Thursday, 25<sup>th</sup> November 2021

07.30 - 08.30 Free paper video

Sala 112

Stream: Solid organs/Endocrine/Miscellaneous

#### **S01 Laparoscopic pancreas surgery**

Chairs: Ales Tomazic (Slovenia), Luca Morelli (Italy)

07:30 - 07:37 **V001** - Pure Laparoscopic Pancreatico-Duodenectomy with Laparoscopic Total Nephrectomy - Beniamino Pascotto, *C. Infante, L. Arru, M. Goergen, J.S. Azagra* - Luxembourg

07:40 - 07:47 **V002** - Total Laparoscopic Pancreatectomy in a patient with Synchronous Solid Pseudopapillary Neoplasm and Intraductal Papillary Mucinous Neoplasm of Pancreas - Vasileios Drakopoulos, *N. Roukounakis, K. Mpotsakis, S. Voulgaris, V. Vougas* - Greece

07:50 - 07:57 **V003** - Spleen preserving laparoscopic distal pancreatectomy for insulinoma. - Gil Faria, *P. Valente, L. Barbosa, R. Peixoto* - Portugal

08:00 - 08:07 **V004** - Laparoscopic double bypass in unresectable pancreatic cancer - Maciej Matyja, *M.P. Pedziwiatr, P.M. Major, A.M. Matyja* - Poland

08:10 - 08:17 **V005** - Laparoscopic surgical treatment of the pancreatic pseudocysts: therapeutic options. - Daniel Coronado Llanos, *A. Centeno, C. Mühlenberg, S. Gonzalez, R. Ribas, C. Lopez, J. Sala* - Spain

08:20 - 08:27 **V006** - Real Robotic Enucleation of Uncinate Pancreatic process Insulinoma - Beniamino Pascotto, Ali Daher, *A. Daher, L. González González, B. Pascotto, V. De Blasi, F. Dadoun, J.S. Azagra* - Luxembourg

07.30 - 08.30 Free paper video

Sala 111

Stream: Colorectal

#### **S02 MIS colorectal cancer**

Chairs: Predag Andrejevic (Malta), Antonello Forgione (Italy)

07:30 - 07:37 **V007** - Step by Step TATME Technique and type of Anastomosis - Sofia Espinoza Villalobos, Carlota Cuenta, *J.M. Romero, C. Maristany, M. Arias, M. Galofre, J.C. Baanante, S. Delgado Rivilla, C. Cuenta* - Spain

07:40 - 07:47 **V008** - Laparoscopic posterior pelvic exenteration and lateral lymph node dissection : Feasibility of MIS for Beyond TME resection - Swapnil Patel, *V. Sukumar, M. Kazi, J. Gori, A. Desouza, A. Saklani* - India

07:50 - 07:57 **V009** - Endoscopic Vacuum Therapy for treatment of anastomotic leak after colorectal surgery - Gianluca Lollo, *F. Proietti, F. Mongelli, JMA. Toti, D. La Regina, D. Christoforidis, C. De Maria, G. Lollo* - Switzerland

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08:00 - 08:07 **V010** - Ventral Suspension Using the Bilateral Sling Technique to Improve the Critical View in the Pelvis - Hisham Bakr, *M. Abdeldayem, A. Wagstaff, A.G. Masoud* - United Kingdom

08:10 - 08:17 **V011** - Clinical case: Lynch syndrome. Multiple primary synchronous colon adenocarcinoma and pancreatic ductal adenocarcinoma. - Nikita Pepenin, *K.S. Burmich, K.O. Zadorozhna* - Ukraine

08:20 - 08:27 **V012** - Laparoscopic extended right colectomy with CME and intracorporeal anastomosis - Andrea Biancucci, *A. Fassari, M.M. Lirici* - Italy

07.30 - 08.30 Free paper video

Sala 118 + 119

Stream: Hernia

### **S03 Hernia repair 1**

Chairs: Umberto Bracale (Italy), Gunnar Ahlberg (Sweden)

07:30 - 07:37 **V013** - Minimally Invasive Approach to Lateral Ventral Hernia: a case series - Sajid Malik, *D. Lomanto* - Singapore

07:40 - 07:47 **V014** - ICG and new meshes to reduce complications. Mis Suprapubic Subcutaneous Approach in Diastasis Recti with Primary Midline Ventral Hernia associated - Eugenio Licardie, *J. Bellido-Luque, I. Cornejo-Jurado, M. Sánchez-Ramírez, A. Tejada-Gómez, A. Bellido-Luque* - Spain

07:50 - 07:57 **V015** - Robot Assisted Totally Extraperitoneal Retrorectus Repair (ETEP) for Umbilical Hernia and Postpartum Rectus Diastasis: a technical report. - Ann-Sophie Hufkens, *F. Muysoms* - Belgium

08:00 - 08:07 **V018** - Laparoscopic intraperitoneal onlay mesh (IPOM) plus repair using articulating needle holders - So Kang, *S.J. Kwon, S.J. Lee, Y.S. Park, S.H. Ahn, Y.S. Suh, H.H. Kim* - Korea

08:10 - 08:17 **V016** - Lira-Tape technique for AWR in Suprapubic Hernias Associated to Midline Medium-Size Hernia - Julio Gómez-Menchero, *P. de la Herranz, A. Gila Bohorquez, J. Garcia-Moreno, J.M. Suarez-Grau, S. Morales-Conde* - Spain

08:20 - 08:27 **V017** - Robot-assisted laparoscopic bilateral transversus abdominis release (TAR) technique repair for an incisional hernia: Tricks & tips - Rafael Villalobos, *Y. Maestre, G. Protti, C. Mias, J.J. Olsina* - Spain

07.30 - 08.30 Free paper video

Sala 120 + 121

Stream: Solid organs/Endocrine/Miscellaneous

### **S04 MIS adrenalectomy**

Chairs: Andreas Shamiyeh (Austria), Emina Letić (Bosnia Herzegovina)

07:30 - 07:37 **V019** - Functioning Retroperitoneal Paraganglioma. Laparoscopic Resection. - Pedro Alvarez de Sierra, *J. Zárate, G. Supelano, B. Peinado, S. Conde, J.M. Gil López, J.A. López Baena, D. Fernández Luengas, J. Merello* - Spain

- 07:40 - 07:47 **V020** - Right adrenalectomy for large metastatic cancer with the posterior retroperitoneoscopic minimally invasive technique. - *Richard van Hilleberg, Aristoteles Kechagias, M. Vriens, I. Borel Rinkes, P. Rouvelas, M. Kritikos*- The Netherlands
- 07:50 - 07:57 **V021** - Laparoscopic resection of extra-adrenal pheochromocytoma (paraganglioma) - *Anna Rzepa, J. Rymarowicz, T. Wikar, M. Pisarska-Adamczyk, M. Matyja, M. Wierdak, M. Pędziwiatr* - Poland
- 08:00 - 08:07 **V022** - Utility of indocyanine green for intraoperative localization of vascular relations during a surgery of a rare extra-adrenal ganglioneuroblastoma. - *Julio Gómez-Menchero, J.L. Guerrero, A. Gila Bohorquez, J.M. Suarez Grau, J.A. Bellido Luque* - Spain
- 08:10 - 08:17 **V023** - Retroperitoneoscopic adrenalectomy for a Cushing Syndrome – pitfalls - *Teresa Vieira Carço, Carlos Eduardo Costa Almeida, J. Vilaça* - Portugal
- 08:20 - 08:27 **V024** - Laparoscopic trans-abdominal right adrenalectomy for giant adrenal tumor. - *Maciej Matyja, P. Major, M. Pedziwiatr* - Poland

07.30 - 08.30 Free paper video

Sala 122 + 123

Stream: UGI

### **S05 Upper GI oesophageal cancer**

Chairs: Marlies Schijven (The Netherlands), György Lázár (Hungary)

- 07:30 - 07:37 **V025** - Laparoscopic 2 stage Ivor Lewis meso-oesophagectomy: Hiatal and thoracoscopic infra-azygous dissection for lower oesophageal and junctional adenocarcinoma. - *Pradeep Veerabhadra Patil* - United Kingdom
- 07:40 - 07:47 **V026** - Laparoscopic diaphragmatic hernioplasty after transhiatal-laparotomy esophagectomy. - *Maria Gallego Gotor, J. Ye Zhou, S. Fernandez-Ananin, E. Ballester Vazquez, L. Cambeiro Cabre, C. Balague Ponz* - Spain
- 07:50 - 07:57 **V027** - ICG-guided lymphadenectomy during minimally invasive Ivor-Lewis esophagectomy in prone position - *Noelia García-Fernández, Ana Senent-Boza, I. Alarcón del Agua, M. Socas-Macías, F. López-Bernal, F. Moreno-Sueros, S. Morales-Conde* - Spain
- 08:00 - 08:07 **V028** - Hand- assisted Transhiatal Laparoscopic Esophagectomy for Adenocarcinoma of the Esophagus - *Alba G<sup>a</sup> Chiloeches, Pablo Priego Jiménez, L.D. Juez Sáez, A. Santana Valenciano, M. Cuadrado Ayuso, L.A. Blázquez Hernando, S. Sánchez Picot, A. Puerta Vicente, J. Galindo Álvarez, J.M. Fernández Cebrián* - Spain
- 08:10 - 08:17 **V029** - Ten tips and tricks for creation of gastric conduit during three-stage minimally invasive esophagectomy. - *Luz Juez, P. Pable, M. Bajawi, V. Vaello, R. Arranz, M. Cuadrado, J. Galindo, JM. Fernández Cebrián* - Spain



08:20 - 08:27 **V030** - Our initial experience in totally robotic esophagectomy type Ivor-Lewis - M<sup>a</sup> Asunción Acosta Mérida, A. Suárez Cabrera, C. Fernández Quesada, J.A. Casimiro Pérez, O. Benet Muñoz, J. Marchena Gómez - Spain

07.30 - 08.30 Free paper video

Sala 124 + 125

Stream: UGI

**S06 Benign upper GI surgery**

Chairs: Sheraz Markar (UK), Marco Milone (Italy)

07:30 - 07:37 **V031** - Single-port intragastric wedge resection using the "tunnel" method - So Kang, S.J. Lee, Y.S. Park, S.H. Ahn, Y.S. Suh, H.H. Kim - Korea

07:40 - 07:47 **V032** - Laparoscopic gastric resection for recurrent ulcerative bleeding after X-ray endovascular embolization of the left gastric artery. - Alexander Voynovskiy, D. Kulikov, M. Tokarev, D. Mudryak, E. Belykh - Russia

07:50 - 07:57 **V033** - Thoracoscopic Excision of an Oesophaegal Duplication Cyst - Maria Alfonso Garcia, N. Pujol Cano, A. Bianchi, JA. Martínez Córcoles, E. Ferrer Inaebnit, A. Craus Miguel, L. Fernández Vega, S. Jeri Mcfarlene, A. Gil Catalán, X. González Argente, A. Pagán Pomar - Spain

08:00 - 08:07 **V034** - Subcardial leiomyoma: 3D-reconstruction and laparoscopic enucleation - Francisco Moreno-Suero, A. Senent-Boza, I. Alarcón, M.J. Cuevas-López, N. García-Fernández, A. De Jesús, M. Socas-Macías, F. López-Bernal, FJ. Padillo-Ruiz, S. Morales-Conde - Spain

08:10 - 08:17 **V035** - Cyanoacrylate for a safer Mesh Fixation during Laparoscopic repair of Morgagni Hernia - Carlos Hoyuela, S. Guillaumes, M. Juvany, N.J. Hidalgo - Spain

08:20 - 08:27 **V036** - Hybrid technique in colon interposition for esophageal replacement using indocyanine green (ICG) fluorescence imaging. - Paula Muñoz, P. Priego, J. Núñez, E. Payno, D. López, L. Blázquez, M. Cuadrado, S. Sánchez, J.M. Fernández, J. Galindo - Spain

07.30 - 08.30 Free paper video

Sala 127 + 128

Stream: UGI

**S07 Benign upper GI disorders**

Chairs: Wanda Petz (Italy), Riccardo Rosati (Italy)

07:30 - 07:37 **V037** - Laparoscopic management of an Intragastric Fork - Aurelio Francisco Aranzana Gómez, Juan Sebastian Malo Corral - Spain

07:40 - 07:47 **V038** - Laparoscopic treatment of Megaduodenum Lithiasis in Chronic Intestinal Pseudo-Obstruction - Davide Moioli, L. Baldari, E. Cassinotti, F. Cantore, M. Chiappetta, L. Boni - Italy

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- 07:50 - 07:57 **V039** - Laparoscopic treatment of gastrointestinal stromal tumor with duodenal location - Giulia Vitiello, *J.H. Ye Zhou, S. Gonzalez Abos, S. Fernandez-Ananin, C. Balague Ponz* - Spain
- 08:00 - 08:07 **V040** - Laparoscopic treatment of the celiac artery compression due to median arcuate ligament. - Gabriela Rojas de la serna, *A. Morandeira Rivas, C. Moreno Sanz, M.L. Herrero Bogajo, J. Riquelme Gaona, M. López Saiz, J. Cortes Vela, G. Tadeo Ruiz* - Spain
- 08:10 - 08:17 **V041** - Laparoscopic Resection of duodenal gastrointestinal tumour - Cristina Bertani, *E. Cassinotti, L. Baldari, MF. Chiappetta, J. Guraj, M. Della Porta, L. Boni* - Italy
- 08:20 - 08:27 **V042** - Laparoscopic excision of Para-Aortic Lymphangioma - Davide Moioli, *L. Baldari, E. Cassinotti, C. Bertani, M. Della Porta, L. Boni* - Italy

07.30 - 08.30 Free paper oral

Sala 129 + 130

Stream: UGI

### **S08 Oesophageal cancer**

Chairs: Beat Müller - Stich (Germany), George Hanna (UK)

- 07:30 - 07:37 **O001** - There is no correlation between a delayed emptying of the gastric conduit and the occurrence of an anastomotic leakage after Ivor-Lewis esophagectomy - Benjamin Babic, *L. Schiffmann, C. Mallmann, P. Schiller, S.H. Chon, H. Fuchs, W. Schröder, C. Bruns* - Germany
- 07:40 - 07:47 **O002** - Short and long-term outcomes of the first minimally invasive esophagectomy program in Israel: shifting the paradigm in a high-volume center. - Daniel Solomon, *E. Sarfaty, N. Menasherov, V. Bard, R. Bueno, H. Kashtan* - Israel
- 07:50 - 07:57 **O003** - 3D Printing in Esophageal Surgery. A New Tool in Minimally Invasive Esophagectomy - Miguel Angel Steiner, *D. Trapero, J.M. Monturiol* - Spain
- 08:00 - 08:07 **O006** - Patient perspective on quality of oesophagogastric cancer surgery - James Butterworth, *A. Tsai, P.R. Boshier, S. Mavroveli, G.B. Hanna* - United Kingdom
- 08:10 - 08:17 **O005** - Development of the Severity of Esophageal Anastomotic Leak (SEAL) score: a tool to predict mortality at diagnosis in patients with anastomotic leakage after esophagectomy. - Sander Ubels, *M. Verstegen, S. Bouwense, G. Hannink, P. Siersema, B. Klarenbeek, F. van Workum, C. Rosman on behalf of the TENTACLE – Esophagus collaborative group* - The Netherlands

07.30 - 08.30 Free paper oral

Sala 131 + 132

Stream: Colorectal

### **S09 Malignant / stoma**

Chairs: Dejan Ignjatovic (Norway), Marc Coleman (UK)

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- 07:30 - 07:37 **O007** - Bowel function recovery after laparoscopic transverse colectomy within an ERAS program: a comparison to right and left colectomy. - *Raffaello Roesel, Lorenzo Bernardi, F. Mongelli, C. Ajani, F. Iaquinandi, D. Celio, D. Christoforidis* - Switzerland
- 07:40 - 07:47 **O012** - Stenting for Stoma stenosis in an unfit patient: A novel endoscopic technique for unsolved challenge - *Ashutosh Gumber, A. McLeary, M. Patterson, K. Shalli* - United Kingdom
- 07:50 - 07:57 **O009** - Efficacy and safety of fluoroscopy-guided stenting as a bridge to surgery in obstructing colon cancer - *Ernesto Barzola, E. Alvarez, J. Farre, P. Bretxa, J. Guirola, M.A. De Gregorio* - Spain
- 08:10 - 08:17 **O011** - Stoma-APptimize: Improving the self-efficacy and supporting self-confidence of patients having a stoma using an evidence-based, mobile app. - *Sebastiaan van der Storm, C. Buskens, W. Bemelman, M. Schijven* - The Netherlands

07.30 - 08.30 Free paper oral

Sala 133

Stream: HPB

### **S10 Liver**

Chairs: Gil Faria (Portugal), Bjørn Edwin (Norway)

- 07:30 - 07:37 **O013** - "On-principle Pringle maneuver" versus "on-principle no-Pringle maneuver" in laparoscopic hepatectomies: a comparative analysis" - *Panagiotis Lainas, F. Ratti, H. Tranchart, F. Cipriani, I. Dagher, L. Aldrighetti* - France
- 07:40 - 07:47 **O015** - A Systematic Review and Meta-Analysis of Randomized Controlled Trials comparing Laparoscopic and Open Liver Resection - *Caelán Max Haney, A. Studier-Fischer, P. Probst, C. Fan, P.C. Müller, M. Golriz, M.K. Diener, T. Hackert, B.P. Müller-Stich, A. Mehrabi, F. Nickel* - Germany
- 07:50 - 07:57 **O016** - Laparoscopic versus open hemihepatectomy: The ORANGE II PLUS multicenter randomized controlled trial - *Robert Fichtinger, L. Aldrighetti, F. Ratti, R.I. Troisi, M. Abu Hilal, S.A. Pugh, R.P. Suttcliffe, M.G.H. Besselink, S. Aroori, K.V. Menon, B. Edwin, M. D'Hondt, V. Lucidi, T.F. Ulmer, R. Diaz-Nieto, Z. Soonawalla, S. White, G. Sergeant, C. Kümmerli, Z. Eminton, J.N. Primrose, B. Olij, L. Brandts, R.M. Van Dam, ORANGE II PLUS Collaborative* - The Netherlands
- 08:00 - 08:07 **O017** - Day-case surgery for minor laparoscopic liver surgery: a pertinent innovation? - *Jean-Marc Regimbeau, Jeanne Dembinski, P. Léourier, L. Rebibo, R. Badaoui, B. Brac* - France
- 08:10 - 08:17 **O018** - Validation of a difficulty system for laparoscopic liver resection in a Spanish cohort. - *Carlos Redondo Cano, J. Mir Labrador, M. Cantos Pallarés, E. Artigues Sánchez de Rojas, R. Fabra Ramis, C. Zaragoza* - Spain

08.30 - 10.00 Free paper oral

Sala 112

Stream: Colorectal

**S11 What's new in colorectal surgery?**

**Chairs: Patricia Sylla (USA), Dejan Ignjatovic (Norway), Silviu Daniel Preda (Romania)**

08.30- 08.45 What is new in colorectal surgery? - Patricia Sylla (USA)

08:50 - 08:57 **O019** - Hartmann's procedure versus sigmoidectomy with primary anastomosis for perforated diverticulitis: three-year follow-up of the Ladies trial - *Vincent T. Hoek and Pim P. Edomskis, Vincent Hoek, P.W. Stark, D.P.V. Lambrichts, W. Draaisma, E.C.J. Consten, W.A. Bemelman, J.F. Lange* - The Netherlands

09:00 - 09:07 **O020** - Management and evolution of Acute Diverticulitis with pericolic Free gas (ADiFas): outcomes of a multicentre international study - *Patricia Tejedor, C. Carlos, N. Francis, M. Gorter-Stam* - Spain

09:10 - 09:17 **O021** - Routine colonoscopy after CT diagnosed diverticulitis: is it still necessary? A single Irish centre experience and literature review. - *Mohamed Salama, A. Kazi, A. Salama, H. Babur, I. Ahmed* - Ireland

09:20 - 09:27 **O025** - Functional outcomes following laparoscopic rectopexy for patients with complete rectal prolapse: comprehensive anorectal manometric and scoring assess - *Takeyoshi Yumiba, Y. Souma, J. Yasuda, H. Kuno, H. Noshigori, S. Miyazaki, J. Ieda, T. Ono, T. Saito, R. Nezu* - Japan

09:30 - 09:37 **O023** - Acute complicated appendicitis caused by an ingested toothpick - A Case Report. - *Angus Lloyd, S.M. Abd Elwahab, C. Power* - Ireland

09:40 - 09:47 **O024** - 3D modelling in pelvic floor disorders – a literature review - *Kelly Chu, A. Przedlacka, P. Tekkis, F. Bello, C. Kontovounisios* - United Kingdom

08.30 - 10.00 Scientific session TO BE RECORDED FOR LIVE BROADCASTING

Sala 111

Stream: International, Robotics

**S12 JSES SESSION 1 Robotic surgery in the world**

**Chairs: Andrea Pietrabissa (Italy), Eduardo Targarona (Spain)**

08.30 - 08.45 Robotic surgery in Upper GI - Ichiro Uyama (Japan)

08.45 - 09.00 Robotic surgery in Colorectal - Ichiro Takemasa (Japan)

09.00 - 09.15 Robotic surgery in HPB - Yuichi Nagakawa (Japan)

09.15 - 09.30 Italy: Robotics in general surgery - Graziano Ceccarelli (Italy)

09:30 - 09:37 **O026** - Comparative analysis of robotic versus laparoscopic Roux-en-Y gastric bypass in severely obese patients - *Panagiotis Lainas, R. Kassir, M. Benois, J. Derienne, T. Debs, M. Safieddine, C. Del Basso, J. Gugenheim, I. Dagher, I.B. Amor* - France

08.30 - 10.00 Free paper oral

Sala 118 + 119

Stream: Robotics

**S13 What's new in robotic surgery and already available?**

**Chairs: Amjad Parvaiz (UK), Amir Szold (Israel)**

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- 08:30 - 08:37 **O028** - Robotic vs Laparoscopic Approach for Single Anastomosis Duodenal-Ileal Bypass with Sleeve Gastrectomy (SADI-S): a Propensity Score Matching Analysis - Francesco Pennestrì, L. Sessa, G. Salvi, P. Gallucci, L. Ciccioritti, F. Greco, C. De Crea, M. Raffaelli - Italy
- 08:40 - 08:47 **O029** - Robotic endoscopic cooperative surgery for colorectal tumors: a feasibility study - Nariaki Okamoto, M. Al-Taher, P. Mascagni, A. Garcia Vazquez, M. Takeuchi, J. Marescaux, M. Diana, B. Dallemagne - France
- 08:50 - 08:57 **O030** - Laparoscopic and robotic radical surgery for liver alveolar echinococcosis (echinococcus multilocularis). - Natalia Elizarova, M. Efanov, R. Alikhanov, I. Kazakov, A. Vankovich, O. Melekhina, Y. Kulezneva, V. Tsvirkun – Russia
- 09:00- 09:15 What is new in robotic surgery and already available? - Philip Chiu (Hong Kong)
- 09:20 - 09:27 **O031** - What is IDEAL in Robot-Assisted Liver Surgery? A Systematic Review of Techniques and Technologies - Martin Wagner, J.M. Brandenburg, M. Haselbeck-Koebler, P. Probst, E. Kalkum, F. Nickel, L. Maier-Hein, A. Mehrabi, B.P. Müller-Stich - Germany
- 09:30 - 09:37 **O032** - Short-term outcomes of da Vinci Xi versus Si robotic systems for minor hepatectomies - Giorgio Bianchi, N. de'Angelis, R. Memeo - Italy
- 09:40 - 09:47 **O033** - Role of Robotic Surgery in the management of benign hepatobiliary diseases - Eli Kakiashvili - Israel

08.30 - 10.00 Free paper oral

Sala 120 + 121

Stream: Bariatrics

#### **S14 What's new in bariatric surgery?**

**Chairs: Aurora Pryor (USA), Ramon Vilallonga (Spain)**

08.30- 08.45 What is new in bariatric surgery? - Aurora Pryor (USA)

08:50 - 08:57 **O034** - Three-Port Laparoscopic Sleeve Gastrectomy for Morbid Obesity - Vasileios Drakopoulos, K. Rekouna, P. Trakosari, MC. Papadopoulou, K. Pavlopoulos, V. Vougas - Greece

09:00 - 09:07 **O035** - Bariatric surgery patient's profile in Latvia - Guna Bilande, M. Mukans, I. Troickis, O. Kozlovskis, E. Liepins, J. Zarinovs, V. Pirags - Latvia

09:10 - 09:17 **O036** - What really matters when you perform a Roux-en-Y Gastric ByPass ? - Jean-Philippe Magera - Belgium

09:20 - 09:27 **O040** - Sleeve after band: an outdated concept? 8 years follow-up of a multicenter study. - Francesco De Angelis, C. Boru, A. Iossa, C. Campanile, P. Perrotta, G. Silecchia - Italy

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09:30 - 09:37 **P015** - Effect of intraperitoneal local anesthetic on enhanced recovery outcomes following bariatric surgery: A randomized controlled pilot study - Amer Jarrar, *N. Eipe, R. Wu, A. Neville, J.D. Yelle, J. Mamazza* - Canada

09:40 - 09:47 **O136** - Do Laparoscopic Transversus Absominis Plane Block and Rectus Sheath Blocks Reduce Post-Operative Opioid Consumption in Gastric Bypass Patients? RCT - Amer Jarrar, *A. Budiansky, N. Eipe, C. Walsh, N. Kolozsvari, A. Neville, J.D. Yelle, J. Mamazza* - Canada

08.30 - 10.00 Free paper oral

Sala 122 + 123

Stream: UGI

### **S15 What's new in oesophageal and gastric cancer surgery?**

**Chairs: György Lázár (Hungary), George Hanna (UK)**

08:30 - 08:37 **O043** - Prognostic factors for mortality in patients with anastomotic leakage after esophagectomy for cancer - Sander Ubels, *M. Versteegen, S. Bouwense, G. Hannink, P. Siersema, B. Klarenbeek, F. van Workum, C. Rosman on behalf of the TENTACLE - Esophagus collaborative group* - The Netherlands

08.45- 09.00 What is new in oesophageal cancer surgery? - Noriyuki Inaki (Japan)

09:20 - 09:27 **O041** - Impact of Imaging Magnification on Upper GI Surgery: Single-center Analysis - Francesco Puccetti, *L. Ottaviani, S. Battaglia, P. Parise, A. Cossu, L. Barbieri, U. Elmore, U. Casiraghi, R. Rosati* - Italy

09:30 - 09:37 **O042** - Treatment of Anastomotic Leakage after esophagectomy (TENTACLE - Esophagus) study: efficacy of different initial treatment strategies for anastomotic leakage. - Sander Ubels, *M. Versteegen, S. Bouwense, G. Hannink, P. Siersema, B. Klarenbeek, F. van Workum, C. Rosman on behalf of the TENTACLE – Esophagus collaborative group* - The Netherlands

09:40 - 09:47 **O045** - Short-term outcome for high-risk patients after esophagectomy - Victor Plat, *W. Stam, B. Bootsma, J. Straatman, T. Klausch, D. David, D. van der Peet, F. Daams* - The Netherlands

09:50 - 09:57 **O044** - Post-esophagectomy tracheobronchoesophageal fistula: risk factors and treatment strategies analysis from a single high-volume institution experience - Paolo Parise, *E. Talavera Urquijo, A. Cossu, F. Puccetti, S. Battaglia, U. Elmore, L. Barbieri, R. Rosati* - Italy

08.30 - 10.10 Free paper oral

Sala 124 + 125

Stream: HPB

### **S16 What's new in hepatic-pancreatic surgery?**

**Chairs: Mustapha Adham (France), Selman Uranüs (Austria), Gustavo Marcucci (Argentina)**

08:30 - 08:37 **O046** - Robot-assisted pancreatoduodenectomy with the da Vinci Xi: a case-matched cost-analysis versus open approach. - Gregorio Di Franco, Matteo Palmeri, *V. Lorenzoni*,

*P. Palmeri, N. Furbetta, S. Guadagni, D. Gianardi, M. Bianchini, R. Guelfi, LE. Pollina, F. Melfi, D. Mamone, C. Milli, G. Di Candio, G. Turchetti, L. Morelli - Italy*

- 08:40 - 08:47 **O047** - Robotic central Pancreatectomy with Pancreaticogastrostomy for Solid Pseudopapillary tumor - Chiara Filippini, *M. De Pastena, S. Paiella, M. Ramera, A. Balduzzi, E. Bannone, G. Deiro, G. Montagnini, E. Andreotti, A. Esposito, R. Salvia - Italy*
- 08:50 - 08:57 **O048** - Minimally-invasive pancreatic reconstruction. Description of different surgical techniques with the robotic approach. - Elena Andreotti, *M. De Pastena, S. Paiella, M. Ramera, A. Balduzzi, E. Bannone, G. Deiro, G. Montagnini, C. Filippini, A. Esposito, R. Salvia - Italy*
- 09.00- 09.15 What is new in liver surgery? - Jordi Navinés-López (Spain)  
09.15- 09.30 What is new in pancreatic surgery? - Horacio Asbun (USA)
- 09:30 - 09:37 **O049** - Robotic Wirsung-jejunal anastomosis for pancreatoduodenectomy: a feasible and safe approach. - *Chiara Montanari, Graziano Pernazza, R. Mancini, T. Picconi, L. Ioni, G. Galotti, P. Campagna - Italy*
- 09:40 - 09:47 **O050** - Results of robot- assisted pancreatic surgery. Single- centre Russian experience. - *Andrey Kriger, Ayrat Kaldarov, S. Berelavichus, D. Gorin, V. Pantelev, M. Raevskaya, P. Davidenko, A. Kaldarov - Russia*
- 09:50 - 09:57 **O051** - Transition from open and laparoscopic to robotic pancreaticoduodenectomy in a UK tertiary referral centre - Tamara Gall, *J. Long - United Kingdom*

08.30 - 10.00 Free paper oral

Sala 127 + 128

Stream: Solid organs/Endocrine/Miscellaneous

### **S17 What's new in thyroid surgery?**

**Chairs: Andreas Shamiyeh (Austria), Jaime Vilaça (Portugal)**

- 08.30- 08.45 What is new in thyroid surgery? - Hoon-Yub Kim (Korea)
- 09:00 - 09:07 **O052** - Robot-assisted transaxillary surgery for thyroid cancer using a gasless unilateral approach: a safe and effective alternative to conventional surgery - Piermarco Papini, *A. De Palma, L. Rossi, M. Ginesini, A. Ripolli, L. Fregoli, G. Materazzi - Italy*
- 09:10 - 09:17 **O053** - TOETVA - A study of 69 cases of Thyroid surgeries by Transoral Endoscopic Thyroidectomy - Vestibular Approach (TOETVA) technique with focus on safety - Narendra Lohokare, *Aditi N. Lohokare - India*
- 09:20 - 09:27 **O054** - Thyroidectomy via Unilateral Axillo-Breast Approach with Gas Insufflation: A Prospective Multicenter European Study - David Saavedra-Perez, *M. Manyalich, P. Dominguez, J. Vilaça, J. Jordan, C. Fondevila, O. Vidal - Spain*
- 09:30 - 09:37 **O057** - Impact of Energy-Based device in Pediatric Thyroid surgery - *Luigi De Napoli, Benard Gjeloshi, C. Becucci, E. Pieroni, C.A. Ambrosini, G. Materazzi, C. Spinelli, F. Vagelli, G. Taddei, A. Matrone, A. Aghababayan - Italy*

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09:40 - 09:47 **O056** - Study of effectiveness intraoperative indocyanine green angiography for the identification of the parathyroid glands during total thyroidectomy - Roman Parfentiev, *V.V. Grubnik, V.V. Grubnyk* - Ukraine

09:50 - 09:57 **O055** - Role of ultrasonography in predicting follicular thyroid neoplasm with papillary-like nuclear features - *Luigi De Napoli, Erica Pieroni, A. Matrone, G. Boni, G. Materazzi, C. Gambale, C.E. Ambrosini, L. Torregrossa, A. Aghababayan* - Italy

08.30 - 10.00 Scientific session

Sala 129 + 130

Stream: General

### **S18 The creation of the perfect team to create excellent outcome of your surgery**

Chairs: Thanjakumar Arulampalam (UK), Ewelina Malanowska (Poland)

08.30 - 08.50 Beyond the age of the master builder: Creating high performing teams in for healthcare in the 20's - Ben Tipney (UK)

08.50 - 09.10 Burnout in surgeons: Talking the talk but not walking the walk - Thanjakumar Arulampalam (UK)

09.10 - 09.30 Team dynamics and how to create the correct psychological space - Carol-Anne Moulton (Canada)

09.30 - 09.50 One team. The point of view of other professions - Aurelio Balagué (Spain)

08.30 - 10.00 Free paper oral

Sala 131 + 132

Stream: Hernia

### **S19 What's new in hernia surgery?**

Chairs: **Salvador Morales Conde (Spain), Filip Muysoms (Belgium)**

08:30 - 08:37 **O058** - Minimally invasive repair for lateral ventral hernia: tailored approach from a hernia centre at a tertiary care institution - Sajid Malik, *D. Lomanto, S. Wijerathane* - Singapore

08.45- 09.00 What is new in hernia surgery? - Filip Muysoms (Belgium)

09:00 - 09:07 **O059** - Hybrid operation technique for incisional hernia repair, a systematic review and meta-analysis of intra- and postoperative complications - Matthijs Van den Dop, *G.H.J. De Smet, G.J. Kleinrensink, W.E. Hueting, J.F. Lange* - The Netherlands

09:10 - 09:17 **O060** - Laparoscopic totally extra-peritoneal repair of ventral hernia and incisional hernia using Rives Stoppa principles: first 100 cases experience - Eliyahu Gorgov, *S. Rayman, M. Molham, A. Keidar, Y. Mnouskin* - Israel

09:20 - 09:27 **O064** - Slim-Mesh: 11-year follow-up study on long-term results in 80 cases comprising 26 with Large-Giant/Massive ventral hernia - Silvio Alen Canton, *A. Piotto, C. Pasquali* - Italy

09:30 - 09:37 **O062** - A new three-step hybrid approach is a safe procedure for incisional hernia: early experiences with a single centre retrospective cohort. - Matthijs van den Dop, *G.H.J. De Smet, M.P.A. Bus, J.F. Lange, S.M.P. Koch, W.E. Hueting* - The Netherlands



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09:40 - 09:47 **O063** - Abdominal wall restored. Post-Pregnancy Project - Osvaldo Santilli, *H. Santilli, N. Nardelli, H. Etchepare, R. Scaravonati* - Argentina

08.30 - 10.00 Free paper oral

Sala 133

Stream: HPB

### **S20 Laparoscopic cholecystectomy tips and tricks**

Chairs: Włodzimierz Majewski (Polen), Pietro Mascagni (Italy)

08:30 - 08:37 **O065** - Morbidity following emergency and elective cholecystectomy: a retrospective comparative cohort study - James Lucocq, *G. Radhakishnan, J. Scollay, P. Patil* - United Kingdom

08:40 - 08:47 **O066** - Expectant management of acute cholecystitis within the SARS-CoV-2 pandemic: does it work? - James Butterworth, *B. Dayment, R. Kerwat* - United Kingdom

08:50 - 08:57 **O067** - The outcome of laparoscopy-assisted transgastric rendezvous ERCP during cholecystectomy after Roux-en-Y gastric bypass compared to normal controls. - Sofia Liljegard, *Å. Fredriksson, T. Manke, A. Kylebäck, PA. Larsson, E. Haraldsson* - Sweden

09:00 - 09:07 **O068** - Near-Infrared Fluorescence Cholangiography at a very low dose of Indocyanine Green: a prospective experimental study - Natalia Pujol Cano, *F.C. Molina-Romero, E.F. Palma-Zamora, J. Bonnin-Pascual, M. Coll-Sastre, F.X. González-Argenté, J.M. Morón-Canis* - Spain

09:10 - 09:17 **O069** - Direct gallbladder Indocyanine Green injection technique to achieve critical view of safety in laparoscopic cholecystectomy - Gabriel Cárdenas, *I. Fornaguera, R. Díaz del Gobbo, C. Ginestà* - Spain

09:20 - 09:27 **O248** - Near-Infrared Fluorescence Cholangiography Assisted Laparoscopic Cholecystectomy: faster identification of relevant anatomy. Results of the Falcon RCT. - Jacqueline van den Bos, *R.M. Schols, E. Cassinotti, T. Carus, M.D.P. Luyer, N. Warnaar, A. Vahrmeijer, F. Berrevoet, J.F. Lange, N.D. Bouvy, L.P.S. Stassen* - The Netherlands

09:30 - 09:37 **O071** - In COVID-19 era, Are we compliant with the updated Royal College of Surgeons in England (RCS) guidelines of acute cholecystitis management? - *G. Bisheet, L. Ashley, S. Mallick, W.F. Fahmy* - United Kingdom

09:40 - 09:47 **O072** - A review of laparoscopic cholecystectomies during the COVID-19 pandemic compared with pre-pandemic. Is there a difference in patient outcomes? - Hannah Byrne, *D. Delphine, R. Woods, D. Dumpierres* - United Kingdom

09:50 - 09:57 **O073** - Surgical outcome of percutaneous transhepatic gallbladder drainage – 10 years' experience from a tertiary care center - Szabolcs Abraham, *I. Tóth, R. Benkő, M. Matuz, G. Kovács, A. Nagy, A. Paszt, Z. Simonka, A. Ottlakán, G. Lázár* – Hungary

10.00 - 10.30 COFFEE BREAK

10.30 - 12.00 Scientific session

Sala 112

Stream: General, UGI, HBP, International

**S21 Tips and tricks from Asia**

Chairs: Silvana Perretta (France), Hans Fuchs (Germany)

10.30 - 10.45 Operative flexible endoscopy - Philip Chiu (Hong-Kong)

10.45 - 11.00 How to perform transoral thyroidectomy - Hoon Yub Kim (Korea)

11.00 - 11.15 How to perform endoscopic oesophagectomy - Yin-Kai Chao (Taiwan)

11.15 - 11.30 How to perform laparoscopic liver resection - Go Wakabayashi (Japan)

10.30 - 12.00 Scientific session

Sala 111

Stream: Hernia

**S22 AEC1: Component separations. The new concept in abdominal wall repair**

Chairs: Salvador Morales Conde (Spain), Miguel Toledano Trincado (Spain)

10.30 - 10.45 Total extraperitoneal reconstruction. e-TEP - Jorge Daes (Colombia)

10.45 - 11.00 Transabdominal preperitoneal reconstruction. Rives-TARUP-TAR - Juan Bellido (Spain)

11.00 - 11.15 Quality of life and surgical outcomes after laparoscopic abdominal wall reconstruction - Agneta Montgomery (Sweden)

11.15 - 11.30 Is robotic the new easy way for all surgeons? - Manuel López Cano (Spain)

11:30 - 11:37 **O075** - LIRA TECHNIQUE AFTER MEDIUM FOLLOW-UP. RESULTS OF A NEW MINIMAL INVASIVE PROCEDURE IN VENTRAL HERNIA REPAIR - Julio Gómez-Menchero, A. Gila Bohórquez, J.L. Guerrero, P. de la Herranz, S. Morales-Conde - Spain

10.30 - 12.00 Scientific session

Sala 118 + 119

Stream: Robotics, colorectal

**S23 AEC2: MIS for advanced rectal cancer**

Chairs: Mario Alvarez Gallego (Spain), Rosa Jiménez Rodrigues (Spain), Beatriz Martín Pérez (Spain)

10.30 - 10.45 MonoRobotic TAMIS - Rosa Jiménez Rodrigues (Spain)

10.45 - 11.00 Laparoscopic Pelvic Exenteration for advanced rectal cancer - Des Winter (Ireland)

11.00 - 11.15 Robotic Lateral Pelvic Dissection for advanced rectal cancer - Gyu-Seog Choi (Korea)

11.15 - 11.30 Laparoscopic transperineal APR (TpAPR) - Simone Arolfo (Italy)

11:30 - 11:37 **O076** - TaTME: analysis of the evacuatory outcomes and EUS anal sphincter - Maria Sousa, A. Goulart, A. Caetano, A. Parvaiz, N. Figueiredo, P. Leão - Portugal

10.30 - 12.00 Scientific session

Sala 120 + 121

Stream: Bariatrics

**S24 Hot debates in bariatric surgery**

*5 min presentation per person, max 5 slides) The hot topic session much reflect the latest evidence from literature. In only five minutes everything what is known about this topic in literature should be shared in a dynamic way before and after the two presenters there will be a voting on this specific topic.*

**Moderators: Ramon Vilallonga (Spain), Nicola Di Lorenzo (Italy), Daniel Jones (USA)**

**10.30 - 10.45 Should we treat patients with reflux disease and a BMI of 36 with a sleeve resection?**

10.30 - 10.35 Pro - Mahir Özmen (Turkey)

10.35 - 10.40 Con - Maria Rita Rodriguez Luna (France)

10.40 - 10.45 Voting

**10.45 - 11.00 The ideal gastric bypass:**

10.45 - 10.50 long biliary limb gastric bypass is best - Kyung-Yul Hur (Korea)

10.50 - 10.55 Gastric resection is dispensable in metabolic surgery - Kyung-Yul Hur (Korea)

10.55 - 11.00 Voting

**11.00 - 11.15 What to do in case of a failed sleeve? Conversion to:**

11.00 - 11.05 Gastric bypass - Beat Müller Stich (Germany)

11.05 - 11.10 SADI/BPD-DS - Antonio Torres García (Spain)

11.10 - 11.15 Voting

**11.15 - 11.30 Is 2<sup>nd</sup> surgical revision indicated in a patient with weight regain and recurrence of DM after both sleeve and gastric bypass surgery?**

11.15 - 11.20 Yes - Piotr Myśliwiec (Poland)

11.20 - 11.25 No - Gil Faria (Portugal)

11.25 - 11.30 Voting

10.30 - 12.00 Scientific session

Sala 122 + 123

Stream: UGI

**S25 AEC3: New trends in esophago-gastric surgery**

Chairs: Asunción Acosta (Spain), Fernando Mingol Navarro (Spain)

10.30 - 10.45 Towards "0" leaks - Ismael Diez del Val (Spain)

10.45 - 11.00 Does ICG mapping really improve the lymphadenectomy? - Luigi Boni (Italy)

11.00 - 11.15 How experience shows the easy way to improve the results -  
Richard van Hillegersberg (The Netherlands)

11.15 - 11.30 Will the robot be the gold standard in the near future for Upper GI surgery? -  
J. Santiago Azagra (Luxembourg)

11:30 - 11:37 **O077** - Significance of Complying with Standard Protocol for Endoscopic Diagnosis of Barrett's Oesophagus in District General Hospital - Ahmed Elnabil-Mortada - Egypt

10.30 - 12.00 Free paper video

Sala 124 + 125

Stream: Technology

**S26 Best videos Technology**

Chairs: Luigi Manfredi (UK), Teodor Grantcharov (Canada)

10:30 - 10:37 **V043** - One stage laparoscopic ICG guided liver resection for bilateral colorectal liver metastases - Matteo Barabino, G. Piccolo, A. Trizzino, M. Mazza, A. Pisani Ceretti, E. De Nicola, G. Scifo, R. Santambrogio, E. Opocher - Italy

10:40 - 10:47 **V044** - Indocyanine green fluorescence-guided robotic TME with coloanal stapled anastomosis for rectal cancer in elderly patient - Giorgio Bianchi, R. Memeo, N. de'Angelis - Italy

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- 10:50 - 10:57 **V045** - Robotic TME With Enblock Hysterectomy And Bilateral Salpingo-oophorectomy For Locally Advanced Rectal Cancer - Mohammed Yousif, *M. Khawar, M. Al Dhaheri, A. Ahmed, N. AlNaimi, M. Abunada, A. Parvaiz* - Qatar
- 11:00 - 11:07 **V046** - Pure Robotic Pancreatico-Duodenectomy with level-3 dissection. "Reconstruction Time" - Beniamino Pascotto, *A. Henrard, V. De Blasi, E. Rosso, L. Arru, J.S. Azagra* - Luxembourg
- 11:10 - 11:17 **V047** - Laparoscopic sigmoid resection for colo-vaginal fistula due to diverticular disease with fluorescent ureter identification - Ludovica Baldari, *E. Cassinotti, C. Bertani, M F. Chiappetta, F. Cantore, L. Boni* - Italy
- 11:20 - 11:27 **V048** - Robotic repair of Giant Parasophageal Hernia - *Ferney David Gómez Báez, Fulthon Frank Vela Polanco, A. Pinillos Somalo, P. Muriel Álvarez, H. Salvador Roses, J.H. Jara Quezada, F.F. Vela Polanco, A. Escartín Arias, J.J. Olsina Kissler* - Spain
- 11:30 - 11:37 **V051** - Laparoscopic ligation of Inferior Mesenteric and Lumbar Arteries with Indocyanine Green Fluorescence imaging in patient with endoleak Type II - Javier Valdes, *A. Ramirez, F. Del Rio, C. Velazquez, F. Oliva* - Spain
- 11:40 - 11:47 **V050** - Use of ICG-mode to visualize white light to assist esophago-gastric surgical procedures. - Rodrigo Kaibel, *E. Licardie, M. Socas, F. López-Bernal, I. Alarcón, S. Morales-Conde* - Spain
- 11:50 - 11:57 **V049** - Holography guided tele-navigation with surgeons' real avatar for endoscopic and robotic HPB surgery - Maki Sugimoto - Japan

10.30 - 12.00 Scientific session

Sala 127 + 128

Stream: General

**S27 Surgical education; no time to sleep!**

Chairs: Davide Lomanto (Singapore), Ricardo Torres (Argentina)

- 10.30 - 10.45 European School of Surgery Project - proposal for the future of surgical education - Jaap Bonjer (The Netherlands)
- 10.45 - 11.00 EAES Fellowship programme assessment - Alice Tsai (UK)
- 11.00 - 11.15 EAES Forward Programme - Dorin Popa (Sweden)
- 11.15 - 11.30 UEMS - EAES Diploma: how and where to? - Marek Soltés (Slovakia)
- 11.30 - 11.45 ALACE - How we train endoscopic surgery in South America - Jose Herrera (Argentina)

10.30 - 12.00 Scientific session

Sala 129 + 130

Stream: International, General

**S28 MIS in low and middle income countries**

Chairs: Ramen Goel (India), Ravi Oodit (South Africa), Faheem Bassiony (Egypt), Nader Francis (UK)

- 10.30 - 10.45 Challenges with the provision of MIS services in LMIC - Ravi Oodit (South Africa)
- 10.45 - 11.00 Challenges with surgical quality and patient safety in LMIC - Faheem Bassiony (Egypt)
- 11.00 - 11.15 Challenges with MI surgical education in LMIC - Martin De Santibañes (Argentina)

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11.15 - 11.30 Implementation and challenges with cancer services and recovery after MIS -  
Bawantha Gamage (Sri Lanka)

11.30 - 11.45 Diffusion of advanced MIS technology in LMIC - Subhash Khanna (India)

10.30 - 12.00 Scientific session

Sala 131 + 132

Stream: General, Robotics, Colorectal

**S29 How to train surgeons safely, effectively and efficiently**

Chairs: Nicoló de Manzini (Italy), Patricia Tejedor (UK)

10.30 - 10.45 Laparoscopic colorectal surgery - Patricia Tejedor (UK)

10.45 - 11.00 Ta-TME - Michel Adamina (Switzerland)

11.00 - 11.15 Robotic rectal surgery - Deborah Keller (USA)

11.15 - 11.30 Complete mesocolic excision - Kenneth Campbell (UK)

11.30 - 11.45 Lateral lymphadectomy in rectal cancer - Gyu-Seog Choi (Korea)

11:45 - 11:52 **O078** - Surveying operating room staff attitudes: is working in a Black Box monitored operation room of influence on patient safety? - Anne Sophie van Dalen, E.Z. Barsom, M.P. Schijven - The Netherlands

10.30 - 12.00 Scientific session

Sala 133

Stream: General

**S30 Principles of electro surgery; FUSE programme**

Chairs: Catalin Copaescu (Romania), Pascal Fuchshuber (USA)

10.30 - 10.45 Introduction - Pascal Fuchshuber (USA)

10.45 - 11.00 Fundamental principles of radiofrequency electro surgery - Amin Madani (Canada)

11.00 - 11.15 Electrosurgical safety in laparoscopy - Pascal Fuchshuber (USA)

11.15 - 11.30 Monopolar devices and bipolar devices - Manuel Sanchez Casalongue (Argentina)  
*back up: Bogdan Smeu (Romania)*

11.30 - 11.45 Bipolar devices - Yoav Mintz (Israel) *(or Catalin Copaescu)*

11.45 - 12.00 Implantable devices and electro surgery - Jaisa Olasky (USA)  
*back up: Gerald Filip (Romania)*

The tutors in training are listed below. They will also be in the FUSE booth on Thursday and Friday, just like the speakers **booth 103**. <https://www.fusedidactic.org/>

Name	First name	Title	Country	
Van Steensel	Sebastiaan	Dr.	The Netherlands	
Jongen	Audrey	Dr.	The Netherlands	
Senent	Ana	Dr.	Spain	
Hardon	Sem	Dr.	The Netherlands	
Verra	Mauro	Dr.	Italy	

12.00 - 12.20 Lecture

Sala 112

Stream: General, International

**S31 Jacques Périssat lecture**

Introduction by: Nicola Di Lorenzo (Italy)

Asia through a scope - Davide Lomanto (Singapore)

12.20 - 14.00 LUNCH

**12.30 - 13.30 Meet the expert luncheon (only for participants who have registered for this event)**

Room: Sala VIP

Stream: General

1. Hernia - Salvador Morales Conde (Spain)
2. Bariatrics - Natan Zundel (USA)
3. Liver - Bjørn Edwin (Norway)
4. Pancreas - Horacio Asbun (USA)
5. Thyroid - Menno Vriens (The Netherlands)
6. Oesophagus - Suzanne Gisbertz (The Netherlands)
7. Rectal surgery - Patricia Sylla (USA)
8. Colon surgery - Mario Morino (Italy)
9. Stomach - Young Woo Kim (Korea)

**Satellite symposium B. Braun**

Sala 122 + 123

12.00 - 12.45 hrs

**Satellite symposium Stryker**

Sala 129 + 130

12.00 - 12.45 hrs

**Satellite symposium Karl Storz**

Sala 118 + 119

12.45 - 13.45 hrs

**Satellite symposium Medtronic**

Sala 120 + 121

12.45 - 13.45 hrs

**Satellite symposium Arthrex**

Sala 131 + 132

12.45 - 13.45 hrs

14.00 - 15.00 Free paper video

Sala 112

Stream: Bariatrics

**S32 Best videos Bariatric surgery**

Chairs: Daniel Jones (USA), Peter Sedman (UK)

14:00 - 14:07 **V052** - Hiatoptasty and Re-sleeve after SADI-S in a patient with recurrent hiatal hernia and severe GERD - Ruth Blanco-Colino, *L. Vidal, R. Vilallonga, A. García, P. López Luza, N.*

*Fernandes, MJ. Gómez Jurado, JM. Fort López-Barajas, E. Caubet Busquet, O. González López, A. Ciudin, A. Zabalegui, M. Comas, M. Armengol Carrasco - Spain*

- 14:10 - 14:17 **V053** - Robotic assisted single Anastomosis Duodeno-Ileal Bypass as a second step surgery after Sleeve Gastrectomy - Anaïs Besa Selva, A. Curell, V. Gonzabay, A. Ibarzábal, J.M. Balibrea, A.M. Lacy - Spain
- 14:20 - 14:27 **V054** - Robotic-assisted conversion surgery after failed adjustable Gastric Banding - Lavinia Amato, M. Boni, W. Bugiantella, M. De Rosa, L. Mariani, M.T. Federici, G. Metastasio, G. Ceccarelli - Italy
- 14:30 - 14:37 **V055** - Conversion to normal anatomy of a Gastric Bypass using Circular Mechanical Gastro-Gastric Anastomosis in a patient who presents Hypoglycemia - Elsa García Möller, Elsa García Möller, R. Vilallonga, E. Caubet, A. Garcia Ruiz de Gordejuela, O. González, M. Beisani, L. Vidal, J.M. Fort, A. Manel - Spain
- 14:40 - 14:47 **V057** - Totally robotic revisional surgery for an obese patient with severe Reflux after Sleeve Gastrectomy. Key points and advantages of Robotic Technology - Maria Jose Jurado, Maria Jose Jurado, R. Mata Mata, R. Vilallonga, O. Gonzalez, E. Caubet, A. Garcia Ruiz de Gordejuela, J.M. Fort, M. Armengol - Spain

14.00 - 15.00 Free paper video

Sala 111

Stream: Solid organs/Endocrine/Miscellaneous

### **S33 MIS Pancreas**

Chairs: Gustavo Marcucci (Argentina), Fanny Ficuciello (Italy)

- 14:00 - 14:07 **V058** - Laparoscopic Radical Antegrade Modular Pancreaticosplenectomy and left adrenalectomy in MEN 1 - Marco Raffaelli, C. De Crea, F. Pennestrì, F. Greco, F. Zotta, R. Bellantone - Italy
- 14:10 - 14:17 **V059** - Laparoscopic total remnant pancreatectomy after laparoscopic pancreatoduodenectomy with or without splenectomy. - Hiroki Sunagawa, K. Hayashi, K. Omori - Japan
- 14:20 - 14:27 **V060** - Standardization of laparoscopic pancreato-duodenectomy at our center. Resection step. - Benedetto Ielpo, F. Burdio, P. Sanchez, E. Pueyo, A. Martinez-Solá, L. Grande, M. Pera - Spain
- 14:30 - 14:37 **V061** - Laparoscopic total pancreatectomy pancreatic head tumour. - Justyna Rymarowicz, A.Z. Rzepa, T.W. Wikar, P.M. Matyja, M.P. Pisarska-Adamczyk, M.P. Pędziwiatr - Poland
- 14:40 - 14:47 **V062** - Pure Laparoscopic Radical Antegrade Modular Pancreato-Splenectomy (RAMPS) procedure. Standardization of the technique - Benedetto Ielpo, F. Burdio, P. Sanchez, E. Pueyo, A. Martinez-Solá, L. Grande, M. Pera - Spain
- 14:50 - 14:57 **V063** - Robotic central pancreatectomy with double pursestring pancreaticogastrostomy and Wirsung's duct stent for pancreatic neuroendocrine tumor - Annarita Libia, M.

*Montagna, M. Tedeschi, V. Ferraro, A. Casella, G. Bianchi, N. De Angelis, N. Chetta, R. Memeo – Italy*

14.00 - 15.00 Free paper video

Sala 118 + 119

Stream: Hernia

### **S34 Hernia repair 2**

Chairs: Milos Bjelovic (Serbia), Reinhard Bittner (Germany)

14:00 - 14:07 **V064** - Femoral hernia containing the left Fallopian Tube: a rare finding in an urgent Laparoscopic Hernia Approach - Jesús Cañete Gómez, Ana García Vico, J.L. Guerrero Ramírez - Spain

14:10 - 14:27 **V065** - Laparoscopic deinvagination of multiple small bowel intussusceptions associated with Peutz-Jeghers syndrome - Marijus Ambrazevicius, K. Janonyte, S. Vilius, P. Vaitiekunas - Lithuania

14:20 - 14:27 **V066** - Endoscopic preperitoneal approach in strangulated inguinal hernia - Jorge Zárate Gómez, P. Álvarez de Sierra Hernández, D. Fernández Luengas, S. Conde Someso, G. Supelano Eslait, B. Peinado Iribar, JM. Gil Lopez, JA. López Baena, J. Merello Godino - Spain

14:30 - 14:37 **V067** - Laparoscopic approach in acute intestinal obstruction due to Congenital Internal Hernias - Jacobo Trébol, J. López-Sánchez, AB. Sánchez-Casado, A. García-Plaza, JI. González-Muñoz, L. Muñoz-Bellvís - Spain

14:40 - 14:47 **V068** - A left paraduodenal hernia: an 'incidental finding' in a virgin abdomen with small bowel obstruction - Maaïke Vierstraete, H. Maes, E.F.P. Kuppens - Belgium

14:50 - 14:57 **V069** - Laparoscopic management of a spontaneous Internal Hernia through broad ligament. - Miguel Andrei Cesardo Navarrete, L. Riba Combatti, J. Comas Issus, J. Castellvi Valls - Spain

14.00 - 15.00 Free paper video

Sala 120 + 121

Stream: Colorectal

### **S35 Fancy colorectal surgery**

Chairs: Kenneth Campbell (UK), Antonello Forgione (Italy)

14:00 - 14:07 **V070** - Laparoscopic Segmental Resection of Transverse Colon using ICG Fluorescence for Lymphatic Mapping & Fluorescence Angiography to assess Vascularization - Eugenio Licardie, I. Alarcón-Del Agua, M. Sánchez-Ramirez, S. Morales-Conde - Spain

14:10 - 14:17 **V071** - Robotic-assisted Rectal Resection with Total Mesorectal Excision (TME) with ICG-fluorescence. - Graziano Ceccarelli, W. Bugiantella, L. Amato, L. Mariani, M. Codacci Pisanelli, M. Boni, M. De Rosa - Italy

14:20 - 14:27 **V072** - Intracorporeal Resection and Anastomosis in Laparoscopic Left Colectomy as an adaptation to the Sars-Cov-2 (Covid19) Pandemic . Surgical technique. - Xavier Serra-



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*Aracil, Irene Gómez Torres, L. Mora López, A. Pallisera Lloveras, A. Serracant Barrera, A. Garcia Nalda, S. Serra Pla, O. Pino Perez, A. González Costa, M. Muñoz - Spain*

- 14:30 - 14:37 **V073** - Laparoscopic colonic resection of the Splenic Flexure using Indocyanine Green (ICG) Fluorescence for Lymphatic mapping - Eugenio Licardie, *N. Oliveira, I. Alarcón-Del Agua, M. Sanchez-Ramirez, S. Morales-Conde - Spain*
- 14:40 - 14:47 **V074** - Robotic right colectomy with complete mesocolic excision (CME) and intracorporeal anastomosis with ICG. - Graziano Ceccarelli, *L. Amato, W. Bugiantella, M. De Rosa, L. Mariani, M. Codacci Pisanelli - Italy*
- 14:50 - 14:57 **V075** - Indocin green(ICG) guided robotic excision of isolated recurrence in patient with previous colon cancer - Mohammed Yousif, *M. Khawar, M. Al Dhaheri, I. Amer, M. Hamad, A. Ahmed, A. Abunada, A. Parvaiz - Qatar*

14.00 - 15.00 Free paper video

Sala 122 + 123

Stream: Solid organs/Endocrine/Miscellaneous

### **S36 MIS head and neck surgery**

Chairs: Marc Coleman (UK), Nicole Bouvy (The Netherlands)

- 14:00 - 14:07 **V076** - Simultaneous endoscopic transaxillary thyroidectomy and parathyroidectomy - Jaime Vilaça, *C.E. Costa Almeida, S. Graça - Portugal*
- 14:10 - 14:17 **V077** - Minimally Invasive Cervical Esophagectomy (MICE), radical esophagectomy and 3-field lymphadenectomy without thoracic access. - Bastiaan Klarenbeek, *A. Shiozaki, H. Fujiwara, C. Rosman - The Netherlands*
- 14:20 - 14:27 **V078** - Endoscopic Transoral Videoassisted Isthmectomy - Vestibular Approach - Jaime Vilaça, *C.E. Costa Almeida, R. Pereira, S. Graça - Portugal*
- 14:30 - 14:37 **V079** - Intraoperative Indocyanine Green Parathyroid Angiography in Transaxillary Endoscopic Thyroidectomy - Paula Dominguez Garijo, *M. Manyalich Blasi, J. Farguell, D. Saavedra, M. Mora, F. Hanzu, C. Fondevila, J. Vilaça, O. Vidal - Spain*
- 14:40 - 14:47 **V080** - Transaxilar thyroidectomy: trans- ECM approach - Jaime Vilaça, *D. Moreira, S. Graça - Portugal*
- 14:50 - 14:57 **V081** - Fluorescent lymphography for thoracic duct identification: initial experience of a simplified and feasible ICG administration - Giuseppe Barbato, *C. Agostini, L. Fortuna, A. Bottari, G. Braccini, F. Coratti, F. Staderini, F. Cianchi - Italy*

14.00 - 15.00 Free paper oral

Sala 124 + 125

Stream: Technology

### **S37 Hot techniques in MIS surgery**

Chairs: Luigi Manfredi (UK), Thomas Carus (Germany)

- 14:00 - 14:07 **O079** - Safe combination use of automatic and manual insufflation in flexible endoscopy: a double blinded randomized animal trial - Ushimaru Yuki, *Y. Kotaro, S. Takuro, T. Koji, Y.*

*Kazuyoshi, M. Tomoki, T. Tsuyoshi, K. Yukinori, Y. Makoto, E. Hidetoshi, D. Yuichiro, N. Kiyokazu - Japan*

- 14:10 - 14:17 **O080** - Learning pattern of 2D HD, 3D HD and 4K HD Endovision System on Standardized Phantom Tasks: an Ex-Vivo Randomized Study - Hemanga Bhattacharjee, Harshit Agarwal, H. Agarwal, V. Singla, S. Chaliyadan, A. Mishra, S. Suhani, M. Joshi, R. Parshad - India
- 14:20 - 14:27 **O084** - Real-time Intraoperative Image Acquisition in Hybrid Operating Room for Adjusting Stereotactic Navigation Accuracy during Pelvic Surgery - Cristians Gonzalez, A. D'Urso, B. Dallemagne, D. Mutter - France
- 14:30 - 14:37 **O082** - Small bowel soft robotic motile enteroscope (SOFTIE) - Hamza Khan, A. Cuschieri - United Kingdom
- 14:40 - 14:47 **O083** - First steps towards predicting the quality of surgical performance and workload in laparoscopy using wearable technology - Juan A. Sánchez-Margallo, J. Castillo Rabazo, D. Durán Rey, I. López-Agudelo, M.R. González-Portillo, P.A. Gloor, F.M. Sánchez-Margallo - Spain

14.00 - 15.00 Free paper oral

Sala 127 + 128

Stream: Bariatrics

### **S38 MIS in bariatric surgery**

Chairs: Gil Faria (Portugal), Francesco Maria Carrano (Italy)

- 14:00 - 14:07 **O085** - Prevalence of sarcopenia in patients with morbid obesity complicated by type 2 diabetes mellitus - Alexander Khitaryan, A. Abovyan, V. Mezhunts, V. Sarkisyan, A. Melnikov - Russia
- 14:10 - 14:17 **O086** - OS-MRS score does not predict 30-day complications in those undergoing bariatric surgery. - Thomas Chase, H. Malik, K. Theodoropoulou, W. Lynn, K. Devalia, A. Goralczyk, J. Loy, R. Aguilo, S. Agrawal, Y. Koak - United Kingdom
- 14:20 - 14:27 **O087** - One anastomosis bypass for management of Diabetes type 2 – 7 years' experience - Ivaylo Tzetkov, Diana Mileva, L. Lozanov, E.M. Kostadinov, S.P. Ivanov - Bulgaria
- 14:30 - 14:37 **O088** - Concomitant hiatal hernia repair during bariatric surgery: does the reinforcement make the difference? - Cristian Eugeniu Boru, P. Termine, P. Antypas, A. Iossa, C. Ciccioriccio, F. De Angelis, A. Micalizzi, G. Silecchia - Italy
- 14:40 - 14:47 **O089** - Adjustable Gastric Banding Conversion to one Anastomosis Gastric Bypass in one and two stages: Data analysis of a Multicenter Databe - Ozlem Uyanik, Ozlem Uyanik, Y. Curbelo-Peña, A.I. Al Abbas, S. Devriendt, A. Guerra, M.F. Herrera, J. Himpens, E. Pardina, S. Pouwels, A. Ramos, R.J. Ribeiro, B. Safadi, H. Sanchez-Aguilar, C. De Vries, B. Van Wagenveld, J. Pujol-Rafols - Spain

14:50 - 14:57 **O090** - Does pre-operative glycaemic control predict 30-day complication in those undergoing bariatric surgery? - Thomas Chase, *H. Malik, K. Theodoropoulou, S. Agrawal, K. Devalia, A. Goralczyk, R. Aguilo, Y. Koak, J. Loy, W. Lynn* - United Kingdom

14.00 - 15.00 Free paper oral

Sala 129 + 130

Stream: Hernia, Solid organs/Endocrine/Miscellaneous

### **S39 Hernia surgery and Laparoscopic Splenectomy**

Chairs: George Theodoropoulos (Greece), Umberto Bracale (Italy)

14:00 - 14:07 **O093** - Anterior Component Separation versus Posterior Component Separation with Transversus Abdominus Release in Abdominal Wall Reconstruction for Incision - Sherif Albalkiny - United Kingdom

14:10 - 14:17 **O182** - Proficiency-based training in laparoscopic inguinal hernia repair: a prospective cohort study - Guy Steinberg Barkon, *S. Rayman, Y. Mnouskin, A. Keidar* - Israel

14:20 - 14:27 **O272**- Multidisciplinary management in blunt splenic traumas: changing strategy, improving outcomes - Annamaria Di Bella, *G. Alemanno, D. Perini, R. De Vincenti, A. Bruscano, C. Bergamini, V. Iacopini, G. Maltinti, P. Prospero* - Italy

14:30 - 14:37 **O273** - Laparoscopic splenectomy – experience of the last 5 years - Florin Graur, *A. Radu, E. Mois, F. Zaharie, F. Luminita, S. Domnitei, I. Vlad, N. Al Hajjar* - Romania

14:40 - 14:47 **O274** - Outcomes of Laparoscopic Splenectomy for Treatment of Splenomegaly: A Systematic Review and Meta-analysis - Maria Rita Rodriguez-Luna, *C. Balague, S. Fernandez-Ananin, R. Vilallonga, E. Targarona Soler* - France

14:50 - 14:57 **O275** - How to deal with complications during laparoscopic splenectomy - Slavko Matic, *D. Knezevic, N. Grubor, I. Pavlovic, B. Tadic, M. Reljic* - Serbia

14.00 - 15.00 Free paper oral

Sala 131 + 132

Stream: General

### **S40 How to improve your surgical skills and outcome**

Chairs: Francisco Sánchez-Margallo (Spain), Teodor Grantcharov (Canada)

14:00 - 14:07 **O097** - Comparative analysis of surgical gesture sequence patterns by means of unsupervised machine learning - Cristians Gonzalez, *F. Ouhmich, J. Verde, S. Perretta, B. Dallemagne, D. Mutter, J. Marescaux* – France

14:10 - 14:17 **O098** - Robotic assisted minimally invasive esophagectomy (RAMIE) training curriculum, a worldwide Delphi consensus - Hans Friedrich Fuchs, *J. Collins, B. Babic, C. DuCoin, O. Meireles, PP. Grimminger, M. Read, A. Abbas, R. Sallum, B. Müller-Stich, D. Perez, M. Biebl, JH. Egberts, R. van Hillegersberg, C.J. Bruns* - Germany

14:20 - 14:27 **O099** - A randomised crossover study of the effects of real-time surgical workflows on performance scores and cognitive demands during simulated operations. - Jasmine

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Winter Beatty, S. Chidambaram, S. Erridge, P.O. Ortega, H.S. Sidhu, M. Souvatzi, M.H. Sodergren, J.M. Kinross, S. Purkayastha - United Kingdom

14:30 - 14:37 **O102** - Fashioning enterotomy closure after totally laparoscopic ileocolic anastomosis for right colon cancer: a multicenter experience - Michele Manigrasso, S. Vertaldi, G.D. De Palma, M. Milone – Italy

14:40 - 14:47 **O100** - Single-stapled anastomosis is associated with less anastomotic failures than double-stapled anastomosis after rectal resection - Caterina Foppa, F. Carrano, M. Carvello, A. Spinelli - Italy

14.00 - 15.00 Free paper oral

Sala 133

Stream: Solid organs/Endocrine/Miscellaneous

#### **S41 MIS of the pancreas**

Chairs: Juan Antonio Bellido Luque (Spain), Ales Tomazic (Slovenia)

14:00 - 14:07 **O103** - Tri-Staple vs Ultrasonic Scalpel in Distal Pancreatectomy (TRUDY). A randomized controlled, multicenter, patient blinded, superiority trial - Matteo De Pastena, L. Landoni, G. Malleo, S. Paiella, M. Ramera, M. Fontana, A. Borin, A. Esposito, R. Salvia, G. Butturini, C. Bassi - Italy

14:10 - 14:17 **O108** - Assessment of difficulty in laparoscopic distal pancreatectomy: a modification of the Japanese difficulty scoring system - Giacomo Deiro, M. De Pastena, S. Paiella, A. Balduzzi, E. Bannone, G. Montagnini, E. Andreotti, C. Filippini, M. Ramera, A. Esposito, R. Salvia - Italy

14:20 - 14:27 **O105** - Development and validation of a suture training model for open, laparoscopic and robotic pancreatic surgery - Emir Karadza, C.M. Haney, E.F. Limen, K.F. Kowalewski, M. Sandini, E. Wennberg, M.W. Schmidt, E.A. Felinska, F. Lang, H.G. Kenngott, T. Hackert, B.P. Müller-Stich, F. Nickel - Germany

14:30 - 14:37 **O106** - 401 consecutive minimally invasive distal pancreatectomies: lessons learned in 20 years' experience - Marco Ramera, Giovanni Butturini, A. Esposito, M. De Pastena, L. Landoni, A. Giardino, C. Bassi, R. Salvia, G. Butturini - Italy

14:40 - 14:47 **O107** - Implementation and Training with Laparoscopic Distal Pancreatectomy: 23-year Experience from a High-Volume Center - Mushegh Sahakyan, B. Røsok, T. Tholfsen, D. Kleive, A. Waage, D. Ignjatovic, T. Buanes, K.J. Labori, B. Edwin - Norway

15.00 - 16.30 Scientific session TO RECORDED FOR BROADCASTING

Sala 112

Stream: Bariatrics

#### **S42 IFSES 1: Revisional bariatric surgery**

Chairs: Natan Zundel (USA), Nicola Di Lorenzo (Italy), Carmen Balagué (Spain)

15.00 - 15.12 Revisions after adjustable gastric band: Options and data - Salvador Morales Conde (Spain)

- 15.12 - 15.24 Revisions after LRYGB: To what? And is it worth it? - José Noguera (Spain)  
15.24 - 15.36 Revisions after malabsorptive procedures: What's next? - Antonio Torres García (Spain)  
15.36 - 15.48 Endoscopic revisions after bariatric surgery: What, when and how? - Christine Stier (Germany)  
15.48 - 16.00 Revisional interventions after bariatric surgery. Are we winning? - Natan Zundel (USA)  
16.00 - 16.30 Round table, Q&A

15.00 - 16.30 Scientific session

Sala 111

Stream: Technology, General

### **S43 Consensus conference Fluorescence**

**Chairs: Luigi Boni (Italy), Alberto Arezzo (Italy)**

1. *General topics*
  - a. *Basics of Fluorescence - Michele Diana (France)*
  - b. *Costs & cost effectiveness - Nereo Vettoretto (Italy)*
  
2. *Organ specific*
  - a. *Cholecystectomy - Luigi Boni (Italy)*
  - b. *Colorectal (Lymph nodes) - Manish Chand (UK)*
  - c. *Colorectal (Perfusion) - Marco Augusto Bonino (Switzerland)*
  - d. *Bariatrics - Myrthe Eussen (The Netherlands)*
  - e. *Spleen and adrenal - Felix Nickel (Germany)*
  - f. *Liver - Yoav Mintz (Israel)*
  - g. *Pancreas - Felix Nickel (Germany)*
  - h. *Upper GI perfusion - Riccardo Rosati (Italy)*
  - i. *Upper GI (Lymph nodes) - Kiyokazu Nakajima (Japan)*
  - j. *Urology - Paulo Gontero / Marco Oderda (Italy)*
  - k. *Gynaecology - Ewelina Malanowska (Poland)*
  
3. *New developments*
  - a. *Ongoing trials - Gianfranco Silecchia (Italy)*

15.00 - 16.30 Free paper video

Sala 118 + 119

Stream: General

### **S44 EAES Video Award**

Chairs: Nader Francis (UK), Thanjakumar Arulampalam (UK), Dorin Popa (Sweden)

- 15:00 - 15:07 **V082** - Winslow Hiatal Hernia. A Feasible Laparoscopic Approach to Small Bowel Obstruction in Strange Circumstances. - Ana Centeno Álvarez, J. Comas Isus, H. Subirana Magdaleno, M.A. Cesardo, J. Castellví i Valls – Spain
- 15:10 - 15:17 **V083** - ICG Fluorescence-Guided Laparoscopic Sigmoidectomy for Diverticular Colovesical Fistula: A step by step demonstration – Mariam Bajawi, Luz Divina Juez, P. Abadia, J.D. Pina, A. Ballestero, I. Moreno, G. Rodriguez Velasco, J.C. Garcia Perez, P. Muñoz, A. Gonzalez Barranquero, J. Die Trill - Spain

WCES2021 scientific programme - update 11-11-2021 - subject to change - congress app is up to date

15:20 - 15:27 **V087** - Laparoscopic CME and CVL for right colon cancer using critical views with all steps completed by trainees - *Ken Campbell, Sameera Sharma, A. Pazidis, S. Sharma* - United Kingdom

15:30 - 15:37 **V088** - Application of proposed parameters for a D3 lymphadenectomy in a right hemicolectomy: the pathology report - *María Alfonso García, A. Garcia-Granero, G. Pellino, F. Giner, A. Valverde Navarro, V. Primo Romaguera, A. Ochogavia Segui, M. Gamundi Cuesta, X. Gonzalez Argente, E. Garcia-Granero* - Spain

15:40 - 15:47 **V084** - Laparoscopic transabdominal pre-peritoneal umbilical hernia repair using advanced flexible medical device - *Ludovica Baldari, A. Szold* - Italy

15.00 - 16.30 Scientific session

Sala 120 + 121

Stream: Colorectal

**S45 Right colectomy: an evolving surgical procedure**

Chairs: Jesus Bollo (Spain), Laurents Stassen (The Netherlands)

15.00 - 15.15 Intracorporal anastomosis: current evidence - Jesus Bollo (Spain)

15.15 - 15.30 Central ligation and total mesocolon excision - Laurents Stassen (The Netherlands)

15.30 - 15.45 Robotic right colectomy - Eloy Espin (Spain)

15.45 - 16.00 Leakage after right colectomy - Armando Melani (Brazil)

16:00 - 16:07 **O109** - Prophylactic NPWT at Ileostomy closure in patients after Colorectal cancer operation reduce surgical site infection incidence - RCT - *Mateusz Wierdak, M.A. Pisarska-Adamczyk, M.W. Wysocki, P.M. Major, K.K. Kolodziejska, T.V. Vongsurbchart, M.N. Nowakowski, M.P. Pedziwiatr* - Poland

15.00 - 16.30 Scientific session

Sala 122 + 123

Stream: Robotics

**S46 Will endoscopy replace surgery?**

Chairs: Antonia Wells (UK), Bernard Dallemagne (France)

15.00 - 15.15 EASE - Bernard Dallemagne (France)

15.15 - 15.30 Endomaster - Philp Chiu (Hong Kong)

15.30 - 15.45 K-Flex - Dong Soo Kwon (Korea)

15.45 - 16.00 CYCLOPS - George Mylonas (UK)

16.00 - 16.15 Medrobotics / Colubris - Santiago Horgan (USA)

16:15 - 16:22 **O110** - The Medrobotics Flex Robot® for transanal surgery - *Alberto Arezzo, Edoardo Forcignano, G. Lo Secco, G. Pentassuglia, M. Morino* - Italy

15.00 - 16.30 Scientific session

Sala 124 + 125

Stream: General, International

**S47 Surgical Endoscopy Festival; most influencing papers**

Chairs: George Hanna (UK), Reinhard Bittner (Germany)

15.00 - 15.15 HYPerspectral Enhanced Reality (HYPER): a physiology-based surgical guidance tool - Manuel Barberio (France)

15.15 - 15.30 The risk of COVID-19 transmission by laparoscopic smoke may be lower than for laparotomy: a narrative review - Ludovica Baldari (Italy)

15.30 - 15.45 Totally endoscopic sublay (TES) repair for midline ventral hernia: surgical technique and preliminary results - Reinhard Bittner (Germany)

15.45 - 16.00 Intraoperative use of fluorescence with indocyanine green reduces anastomotic leak rates in rectal cancer surgery: an individual participant data analysis - Frederic Ris (Switzerland)

16.00 - 16.15 Effectiveness of the HoloLens mixed-reality headset in minimally invasive surgery: a simulation-based feasibility study - Abdullatif Aydin (UK)

15.00 - 16.30 Free paper video

Sala 127 + 128

Stream: Colorectal

**S48 Best videos Colorectal benign**

Chairs: Nicoló de Manzini (Italy), Francisco Sánchez-Margallo (Spain)

15:00 - 15:07 **V089** - Trans Anal Minimally Invasive Surgery in emergency to treat a traumatic rectal perforation. - *Nuria Mestres Petit, D. Ambrona Zafra, M.T. Santamaría Gómez, J.E. Sierra Grañon, J. Ortega Alcaide, J.J. Olsina Kissler* - Spain

15:10 - 15:17 **V090** - Post colonoscopy perforation, Tips and Trick for laparoscopic ileus cecal resection in obese patient & benefits of ICG use. - *Rafael Diaz Del Gobbo, G. Cardenas, I. Fornaguera, J.C. Baanante, M. Valentini, C. Ginesta* - Spain

15:20 - 15:27 **V091** - OVER-the-SCOpe (OVESCO) clip closure closure of a right colon perforated and bleeding diverticulum: a video vignette. - *Johannes Maria Alberto Toti, F. Mongelli, M. Di Giuseppe, S. Spampatti, A. Saporito, A. De Gottardi, D. La Regina, P. Majno-Hurst, G. Lollo, D. Christoforidis* - Switzerland

15:30 - 15:37 **V092** - Diverticular disease of the sigmoid colon and its complications (case study). - *Oleksiy Pepenin, L. Makartsov, L. Bondarets, A. Agzibegyan, K. Vasilevsky, I. Pepenin* - Ukraine

- 15:40 - 15:47 **V093** - Fully laparoscopic treatment of enterocutaneous fistula and incisional hernia after radical cystectomy - Cristina Soto Montesinos, R. Diaz Del Gobbo, M. Labro, M. Bardaji, C. Gomez, J. Curto, R. Flores, A. Puig, L. Sanchon, A. Osorio, C. Guariglia, S. Pardo, P. Collera - Spain
- 15:50 - 15:57 **V094** - Complex Meckel's Diverticulitis: Laparoscopic Management by Junior Trainee at night. - Dileep Kumar, J. Khan, A. Dhahri - United Kingdom
- 16:00 - 16:07 **V095** - Totally robotic proctocolectomy and ileo-anal pouch for Familial adenomatous polyposis - Mohammed Yousif, M. Al Dhaheri, M. Khawar, I. Amer, M. Hamad, M. Abunada, A. Parvaiz - Qatar
- 16:10 - 16:17 **V096** - Partial thickness Neuroendocrine tumor exeresis at the level of the rectosigmoid junction using transanal minimally invasive approach (TAMIS) - avier Valdés Hernández, Y. Lara Fernandez, J.C. Gomez Rosado, M.A. Perez Sanchez, J. Cintas Catena, J.V. Del Rio Lafuente, C. Torres Arcos, A. Cano Matias, F. Oliva Mompean - Spain
- 16:20 - 16:27 **V097** - Role of Laparoscopy in removal of Foreign body - Shaiek Aziz Chowdhury - Bangladesh

15.00 - 16.30 Scientific session

Sala 129 + 130

Stream: UGI, HPB

#### **S49 Decision making and troubleshooting during laparoscopic cholecystectomy**

**Chairs: Marek Soltés (Slovakia), Ranbir Singh (India)**

- 15.00 - 15.15 Acute cholecystitis; to drain or not to drain - Marek Soltés (Slovakia)
- 15.15 - 15.30 Critical view of safety; its feasibility and efficacy in prevention of BDI - Ranbir Singh (India)
- 15.30 - 15.45 When is a cholecystectomy indicated after ERCP with papillotomy? - Zdravko Perko (Croatia)
- 15.45 - 16.00 Choledocholithiasis management after RYGB - Eugenia Yiannakopoulou (Greece)
- 16:00 - 16:07 **O111** - Surgeons compliance with an intraoperative time out to verify the critical view of safety in laparoscopic cholecystectomy - Pietro Mascagni, Marco Nizzardo, T. Urade, M.R. Rodríguez-Luna, E. Felli, P. Pessaux, D. Mutter, J. Marescaux, G. Costamagna, B. Dallemagne, N. Padoy - Italy

15.00 - 16.30 Scientific session

Sala 131 + 132

Stream: Technology

#### **S50 Artificial Intelligence in the OR?**

**Chairs: Young Woo Kim (Korea), Teodor Grantcharov (Canada)**

- 15.00 - 15.15 State of the art & general perspectives - Chen Sagiv (Israel)
- 15.15 - 15.30 Can AI help for a safer surgery - Marlies Schijven (The Netherlands)
- 15.30 - 15.50 Ethical issues & AI - update of the Seoul Declaration - Young-Woo Kim (Korea) and Paul Barach (USA)
- 15.50 - 16.20 SPECIAL LECTURE: Directed Energy for Diagnosis and Therapy (DEDAT): The 5th Generation of Surgery is Non-invasive - Richard Satava (USA)

15.00 - 16.30 Scientific session

Sala 133



Stream: Hernia

**S51 Hernia surgery - how I do it**

**Chairs: Filip Muysoms (Belgium), Aleksandar Gluhović (Serbia)**

- 15.00 - 15.15 eTEP access for ventral hernia repair - Victor Radu (Romania)  
15.15 - 15.30 Robotic eTEP with suprapubic docking for repair of ventral hernias with rectus diastasis - Filip Muysoms (Belgium)  
15.30 - 15.45 Laparoscopic Sugarbaker repair of parastomal hernias - Manuel Lopez Cano (Spain)  
15.45 - 16.00 Robotic repair of perineal hernias - Marijn Poelman (The Netherlands)  
16:00 - 16:07 **O112** - Port Site Hernia after Laparoscopic Surgery. Some of the Most Important Etiological Factors in the Development of this Complication - Kastriot Haxhirexha, A. Gjata, A. Dogjani - North Macedonia

16.30 - 17.00 COFFEE BREAK

17.00 - 18.30 Scientific session

Sala 112

Stream: General

**S52 Highway to disaster 1 (videos of undesired events)**

**Chairs: Thankjakumar Arulampalam (UK), Jan-Willem Greve (The Netherlands)**

- 17.00 - 17.10 Ureteral injury in laparoscopic colorectal surgery - Lubomír Martinek (Czech Republic)  
17.10 - 17.20 What's the bleeding time - Thankjakumar Arulampalam (UK)  
17.20 - 17.30 Bleeding as a reason for conversion of robotic assisted extended mesenterectomy in right colectomy - Dejan Ignjatovic (Norway)  
17.30 - 17.40 Complications in bariatric surgery - Jan-Willem Greve (The Netherlands)  
17.40 - 17.50 CBD Injury - Andreas Shamiyeh (Austria)  
17.50 - 18.00 Vascular injury in minimally invasive adrenal surgery - Eugenia Yiannakopoulou (Greece)  
18.00 - 18.10 Clinical validation of intraoperative errors during laparoscopic TME - Nader Francis (UK)  
18.10 - 18.20 Complicated cholecystectomy with small injury of ductus cysticus and small bleedings - Dusan Lesko (Slovakia)  
18.20 - 18.30 Bleeding during laparoscopic appendectomy - Wlodzimierz Majewski (Poland)

17.00 - 18.30 Scientific session

Sala 111

Stream: General, International

**S53 The surgeon of the future wears a dress**

**Chairs: Nicole Bouvy (The Netherlands), Carmen Balagué (Spain), Ada Husulak (Argentina)**

- 17.00 - 17.15 The position of women in EAES - Andrea Pietrabissa (Italy)  
17.15 - 17.30 The F-word, the H- word and the C-word - Elsa Valsdóttir (Iceland)  
17.30 - 17.45 How to be a good sponsor to lift female surgeons - Aurora Pryor (USA)  
17.45 - 18.00 Socials and society: a female surgeon going viral - Marlies Schijven (The Netherlands)  
18.00 - 18.15 Residents perspective on a career as a female surgeon - Tina van Loon (The Netherlands)

17.00 - 18.30 Scientific session

Sala 118 + 119

Stream: Colorectal

**S54 How to avoid complications in colorectal surgery**

**Chairs: Barry Salky (USA), Vasil Kyosev (Bulgaria)**

- 17.00 - 17.15 How to avoid anastomotic leakage - Tim Lubbers (The Netherlands)  
17.15 - 17.30 Colonoscopy perforations - what should we do? - Linda Hermus (Sweden)

- 17.30 - 17.45 Small bowel obstruction. Laparoscopy: when and how? - Elena Atanasova (Sweden)  
17.45 - 18.00 Which is the role of fluorescence? - Wanda Petz (Italy)  
18.00 - 18.15 How to avoid complications during ta-TME - Patricia Sylla (USA)  
18.15 - 18.30 How to avoid adhesions after laparoscopy - Richard ten Broek (The Netherlands)

17.00 - 18.30 Scientific session

Sala 120 + 121

Stream: Bariatrics

**S55 AEC4: Help! My bariatric surgery failed**

Chairs: Ivan Arteaga (Spain), Michel Gagner (Canada), José Noguera (Spain)

- 17.00 - 17.15 Urgencies after bariatric surgery - Raquel Sanchez Santos (Spain)  
17.15 - 17.30 The failed or complicated sleeve. And then what? - Michel Gagner (Canada)  
17.30 - 17.45 Will robotic surgery be the standard? - Carlos Vaz (Portugal)  
17.45 - 18.00 Virtual learning in post COVID era - Carmen Balagué (Spain)  
18.00 - 18.15 Endoscopy in bariatric surgery - Manoel Galvao Neto (Brazil)

17.00 - 18.30 Scientific session

Sala 122 + 123

Stream: UGI

**S56 The state of the art of upper GI surgery**

Chairs: Richard van Hillegersberg (The Netherlands), Miguel A. Cuesta Valentin (The Netherlands)

- 17.00 - 17.15 Robotic oesophageal resection - Yin-Kai Chao (Taiwan)  
17.15 - 17.30 Robotic endoscopic upper GI surgery - Philip Chiu (Hong Kong)  
17.30 - 17.45 Laparoscopic gastrectomy for advanced gastric cancer - Jan Stoot (The Netherlands)  
17.45 - 18.00 Robotic gastric resection - Young-Woo Kim (Korea)  
18.00 - 18.15 My complications of gastrectomy - Gianluca Baiocchi (Italy)  
18.15 - 18.30 Prophylactic hyperthermic intraperitoneal chemotherapy (HIPEC) for gastric cancer - a systematic review - Richard van Hillegersberg (The Netherlands)

17.00 - 18.30 Scientific session

Sala 124 + 125

Stream: HPB

**S57 The future of minimally invasive liver resection**

Chairs: Luca Morelli (Italy), Mohammad Abu Hilal (Italy), Ruben Ciria (Spain)

- 17.00 - 17.15 Developments of laparoscopic liver resection from pilot studies to RCT's - Bjørn Edwin (Norway)  
17.15 - 17.30 Oncological results and patient selection - Javier Briceño (Spain)  
17.30 - 17.45 Liver anatomy and laparoscopic anatomical liver resection - Go Wakabayashi (Japan)  
17.45 - 18.00 Transition to robotic hepatectomy - Marielle Coolson (The Netherlands)  
18.00 - 18.15 Systematic review of robotic hepatectomy - Ruben Ciria (Spain)

17.00 - 18.30 Free paper poster

Sala 127 + 128

Stream: General

**S58 EAES Poster Award**

Chairs: Gunnar Ahlberg (Sweden), Salvador Morales Conde (Spain), Catalin Copaescu (Romania)

- 17:00 - 17:03 **O114** - Robotic Assisted Roux-en-Y Gastric Bypass: technology and learning evolution - Berta Parés, R. Vilallonga, J.M. Fort López-Barajas, R. Roriz, A. García Ruiz de Gordejuela, E. Caubet Busquet, O. González López, A. Ciudin, L. Vidal, M. Pera, Manel. Armengol Carrasco - Spain

- 17:05 - 17:08 **O115** - Benefits of RICA in colorectal surgery in a Regional Hospital - Clara Arrieta Martinez, I.M. Muñoz Nuñez, J.J. Pereira Grillo, P. Vazquez Barros - Spain
- 17:10 - 17:13 **O116** - The Use of Augmented Reality (AR) in Modern Surgical Education - Mohamed Fayez Hassouna, Federico Espinola, F. Espinola, M. Chand - United Kingdom
- 17:15 - 17:18 **O117** - 8 Pictures Worth a Thousand Words - An Audit of Photodocumentation Compliance with the BSG/AUGIS Guidelines - Tom Vincent McIntyre, W. Duggan, N. O'Sullivan, J. Tyrell, E. Burke, K. Schmidt - Ireland
- 17:20 - 17:23 **O118** - Does the performance of a Multimodal Pre-habilitation Protocol gives patients with colorectal cancer better quality life after surgery? - Álvaro Soler-Silva, Luis Sánchez-Guillen, D. Triguero, A. Sanchís-López, S. Lario-Pérez, C. Lillo, F. López-Rodríguez Arias, L. Sánchez-Guillén, I. Oller, V. Aranaz, M.J. Alcaide, A. Arroyo – Spain
- 17:25 - 17:28 **O121** - Comparison of laparoscopic and transanal approach to total mesorectal excision: an analysis of short and mid-term outcomes - Anna Lasek, M. Pisarska-Adamczyk, K. Kołodziejska, A. Drózdź, M. Pędziwiatr, M. Rubinkiewicz – Poland
- 17:30 - 17:33 **O120** - Open and laparoscopic surgery for adrenocortical carcinoma - Christos Parianos, C. Aggeli, N. Nasiri-Ansari, G. Kyriakopoulos, K. Pateas, T. Choreutaki, E. Kassi, G.N. Zografos - Greece

17.00 - 18.30 Scientific session

Sala 129 + 130

Stream: Hernia

#### **S59 The role of meshes in hernia repair**

Chairs: Wieslaw Tarnowski (Poland), Maaïke Ibelings (The Netherlands)

- 17.00 - 17.15 Transinguinal Preperitoneal technique in the era of Chronic Postoperative Inguinal Pain - Maaïke Ibelings (The Netherlands)
- 17.15 - 17.30 How to choose the ideal non-resorbable mesh - Sebastiaan van Steensel (The Netherlands)
- 17.30 - 17.45 Hard indications to use a biological mesh - Marc Miserez (Belgium)
- 17.45 - 18.00 How to treat a hiatal hernia - Hans Fuchs (Germany)
- 18:00 - 18:07 **O123** - SUTURING THE HERNIA DEFECT WITH 3D-LAPAROSCOPY FOR INTRAPERITONEAL VENTAL HERNIA REPAIR - Andrii Malynovskyi, I.I. Horbachuk, V.S. Ishenko, O.O. Mrost - Ukraine

17.00 - 18.30 Scientific session

Sala 131 + 132

Stream: Technology

#### **S60 A glance at the future of minimal invasive surgery**

Chairs: Amir Szold (Israel), Lee Swanstrom (France / USA)

- 17.00 - 17.15 The latest insights on imaging - Michele Diana (France)
- 17.15 - 17.30 How I perform endogastric surgery without the help of robotics - Eiji Kanehira (Japan) VIRTUAL
- 17.30 - 17.45 The latest insights on flexible endoscopy - Silvana Perretta (France)
- 17.45 - 18.00 The latest insights on robotics - Lee Swanstrom (France / USA)
- 18.00 - 18.15 The latest insights on AI - Amir Szold (Israel)
- 18:15 - 18:22 **O124** - The current and possible future role of 3D modelling within upper gastrointestinal surgery: a scoping review - Henry Robb, G. Scrimgeour, P. Boshier, S. Balyasnikova, G. Brown, F. Bello, C. Kontovounisios - United Kingdom

17.00 - 18.30 Free paper oral

Sala 133

Stream: UGI

**S61 Anti reflux surgery**

Chairs: Sunil Popat (India), Suzanne Gisbertz (The Netherlands)

- 17:00 - 17:07 **O125** - Predictors of patient satisfaction after laparoscopic fundoplication. A multicentre cohort study. - Piotr Myśliwiec, M. Bobowicz, W. Makarewicz, H. Razak Hady, M. Pedziwiatr, M. Migaczewski, G. Wallner, M. Raban, W. Kupczyk, M. Witzling, R. Ostaszewski, P. Sroczynski, M. Michalik - Poland
- 17:10 - 17:17 **O126** - Study of the crural tension during laparoscopic antireflux operation. - Viktor Grubnyk, V.V. Grubnik, M.R. Paranyak, V.V. Ilyashenko - Ukraine
- 17:20 - 17:27 **O127** - Indocinine green-fluorescence in robot-assisted esophageal myotomy for achalasia - Pasquale Campagna, Graziano Pernazza, R. Mancini, L. Ioni, T. Picconi, C. Montanari, M.G. Galotti - Italy
- 17:30 - 17:37 **O128** - A prospective randomized trial on laparoscopic Nissen vs Toupet fundoplication in patients with atypical symptoms of gastroesophageal reflux disease - Mykola Paranyak, V. Grubnyk - Ukraine
- 17:40 - 17:47 **O129** - Mesh-related complications in the patients with large hiatal hernia. - Viktor Grubnyk, V.V. Grubnik, M.R. Paranyak, V.V. Ilyashenko - Ukraine
- 17:50 - 17:57 **O133** - THE NEW TECHNIQUE OF LAPAROSCOPIC REPAIR FOR HIATAL HERNIA - Andrii Malynovskyi, D.V. Korchevyi, I.I. Horbachuk - Ukraine
- 18:00 - 18:07 **O131** - Methods of quality assurance in multicentre trials in laparoscopic fundoplication for gastroesophageal reflux disease - Alexandros Andreou, Lavinia Onos, S.A. Antoniou, N. Francis - United Kingdom
- 18:10 - 18:17 **O132** - THE NEW METHOD OF TENSION-FREE MESH REPAIR FOR GIANT HIATAL HERNIAS - Andrii Malynovskyi, D.V. Korchevyi, I.I. Horbachuk - Ukraine
- 18:20 - 18:27 **O197** - Paraesophageal Hernia Repair in the Elderly: Outcomes from A 10 Year Retrospective Study - Michael D'Elia, Amer Jarrar, A. Negar, A. Neville, J. Mamazza - Canada

18.30 - 19.00 **Honorary membership & lifetime achievement award session**

**Chair: Andrea Pietrabissa (Italy)**

Room: Sala 112

Stream: General

Honorary membership awarded to: I-Shu Chen (Taiwan), Davide Lomanto (Singapore) and Aurora Pryor (USA)

Lifetime achievement award awarded to: Richard Satava (USA) and Mario Morino (Italy), Miguel A. Cuesta Valentin (The Netherlands / Spain)

HM:

1. I-Shu Chen (Taiwan), introduction by **Salvador Morales Conde**
2. Davide Lomanto (Singapore) introduction by **Andrea Pietrabissa**

3. Aurora Pryor (USA) introduction by **Nicole Bouvy**

LTA:

1. Richard Satava (USA), introduction by **Sir Alfred Cuschieri**
2. Mario Morino (Italy), introduction by **Eduardo Targarona**
3. Miguel A. Cuesta Valentin (The Netherlands / Spain), introduction by **Jaap Bonjer**

19.00 - 20.00 EAES GENERAL ASSEMBLY in Sala 112

### Friday, 26<sup>th</sup> November 2021

07.30 - 08.30 Free paper video

Sala 112

Stream: Solid organs/Endocrine/Miscellaneous

#### **S62 MIS Liver**

Chairs: Konstantinos Tsalis (Greece), Santiago Sanchez-Cabus (Spain)

07:30 - 07:37 **V102** - Laparoscopic Segment VII Resection for Hepatocellular Carcinoma Guided by 3D - Maria Gallego Gotor, V. Molina, M.V. Ortiz, S. González Abós, B. Martin Arnau, M. Rodriguez Blanco, S. Sánchez Cabús - Spain

07:40 - 07:47 **V099** - Clinical Application of Indocyanine green (ICG) Fluorescence Imaging to Detect Metastatic Peritoneal Nodules - Boram Lee, J.Y. Chong, H.S. Han, H.W. Lee - Korea

07:50 - 07:57 **V100** - Laparoscopic left hepatectomy with extrahepatic Glissonean left pedicle isolation. - Pablo Marcos-Santos, E. Choolani-Bhojwani, F. Acebes-García, A.D. Bueno-Cañones, S. Veleda-Belanche, M.P. Pinto-Fuentes, F.J. Tejero-Pintor, M. Bailón-Cuadrado, D. Pacheco-Sánchez - Spain

08:00 - 08:07 **V101** - Laparoscopic liver abscess drainage in a morbidly obese patient. - Anna Rzepa, J. Rymarowicz, W. Rogula, T. Wikar, M. Pisarska, M. Pędziwiatr - Poland

08:10 - 08:17 **V154** - Robotic-Assisted Excision of Common Bile Duct Stricture and Roux-An-Y Hepaticojejunostomy. - Eli Kakaishvili - Israel

08:20 - 08:27 **V148** - Combined Posterior and Anterior Approach for Laparoscopic Right Hepatectomy - Fernando Burdio, P. Sanchez-Velazquez, B. Ielpo, E. Pueyo - Spain

07.30 - 08.30 Free paper video

Sala 111

Stream: UGI

#### **S63 MIS Gastric cancer**

Chairs: Hans Fuchs (Germany), Victor Tomulescu (Romania)

07:30 - 07:37 **V104** - 95% gastrectomy laparoscopic approach after a Billroth I procedure - Bakarne Ugarte-Sierra, Irune Vicente Rodríguez, N. Ortega Machón, R.A. Abad Alonso, R. Maniega Alba, F.J. Ibáñez Aguirre - Spain

07:40 - 07:47 **V106** - Subtotal gastrectomy with D2 lymphadenectomy, step-by-step robotic technique. - Helena Salvador-Roses, A. Escartín-Arias, M. González-Duaigües, P. Muriel-Álvarez, J. Jara-Quezada, Fulthon-Frank Vela-Polanco, J.J. Olsina-Kissler - Spain

- 07:50 - 07:57 **V105** - Gastrectomy in a patient with an aberrant hepatic artery - Miguel Rocha Melo Dias, *M. Pereira, J. Oliveira, C. Velez, R. Lima, J. Bolota, S. Leandro, M. Cotovio, M. Carvalho, J. Caravana* - Portugal
- 08:00 - 08:07 **V107** - Robot assisted sub-total gastrectomy for cancer with full-robotic hand-sewn anastomoses - Matteo Palmeri, *N. Furbetta, G. Di Franco, S. Guadagni, D. Gianardi, M. Bianchini, A. Comandatore, M. Picchi, L.M. Fatucchi, M. Ginesini, V. Pucci, G. Di Candio, L. Morelli* - Italy
- 08:10 - 08:17 **V108** - Evolution of the laparoscopic oesophagojejunal anastomosis, towards totally intracorporeal technique simplification - Gabriela Rojas-de la Serna, *M.L. Herrero-Bogajo, A. Morandeira-Rivas, M.A. Corral-Sánchez, A. López-Sánchez, J. Riquelme-Gaona, J. F. Cuevas-Toledano, E. Fernández Menor de Santos, C. Moreno-Sanz* - Spain
- 08:20 - 08:27 **V109** - Six Indocyanine Green Fluorescence uses During a D2-Total Gastrectomy - Cesar Ginesta, *G. Cardenas, R. Diaz del Gobbo, I. Fornaguera, M. Valentini* - Spain

07.30 - 08.30 Free paper video

Sala 118 + 119

Stream: UGI

#### **S64 Achalasia**

Chairs: Giovanni Zaninotto (Italy), Marco Milone (Italy)

- 07:30 - 07:37 **V110** - Laparoscopic treatment of recurrent hiatal hernia after hiatal hernia repair with mesh and Collis gastroplasty with Nissen fundoplication - Eduard Galliamov, *M.A. Agapov, V.V. Kakotkin, D.R. Markaryan, V.A. Kubyshkin* - Russia
- 07:40 - 07:47 **V111** - What is the approach of choice in a perforation for Boerhaave Syndrome - Aurelio Francisco Aranzana Gómez, Aída Tébar Zamora - Spain
- 07:50 - 07:57 **V112** - Laparoscopic excision of an epiphrenic diverticulum secondary to achalasia with Heller's cardiomyotomy and anterior fundoplication - Helen Skinner, *T. Lo, S. Dexter* - United Kingdom
- 08:00 - 08:07 **V113** - Collis gastroplasty for recurrent hiatal hernia - Mario Morino, *F. Rebecchi, A. Arezzo, N. Leone* - Italy
- 08:10 - 08:17 **V114** - Toupet technique laparoscopic approach to a previous failed nissen-rosetti - Bakarne Ugarte-Sierra, Irene Vicenta Rodríguez, *R.A. Abad Alonso, N. Ortega Machón, R. Maniega Alba, F.J. Ibanez Aguirre* - Spain
- 08:20 - 08:27 **V115** - Laparoscopic Transgastric Stapled Esophagofundostomy for End-Stage Achalasia with Sigmoid Shaped Esophagus - Carolina Naranjo-Checa, *E. Licardie, I. Alarcón-Del Agua, M. Socas, F. Francisco, S. Morales-Conde* - Spain

07.30 - 08.30 Free paper video

Sala 120 + 121

Stream: Hernia

#### **S65 Inguinal hernia repair**

Chairs: Udom Sawaengsup (Thailand), Milos Bjelovic (Serbia)

- 07:30 - 07:37 **V116** - Surgical technique - TEP inguinal hernioplasty - Javier García-Quijada García, M. González Bocanegra, M. Martín García-Almenta, J. Camuñas Segovia - Spain
- 07:40 - 07:47 **V117** - TEP and Kidney Transplant Recipient - Pedro Alvarez de Sierra, J. Zárate, G. Supelano, B. Peinado, S. Conde, JM. Gil, JA. López Baena, D. Fernández Luengas, J. Merello - Spain
- 07:50 - 07:57 **V118** - Laparoscopic Transabdominal Preperitoneal (TAPP) repair of Incarcerated Femoral Hernia - Jeancarlos J. Trujillo Díaz, M. Ruiz-Soriano, C. Jezieniecki-Fernández, T. Gómez-Sanz, G. Cabezudo-Molleda, J. Herreros-Rodríguez, M. Montes-Manrique, M. Rodríguez-López, J. Beltrán de Heredia - Spain
- 08:00 - 08:07 **V119** - Laparoscopic transabdominal preperitoneal (TAPP) repair for giant inguinoscrotal hernia. - Riccardo Caruso, V. Ferri, V. Emilio, Y. Quijano, H. Duran, E. Diaz, I. Fabra, L. Malave, R. Agresotti, V. Nola, G. De Nobili - Spain
- 08:10 - 08:17 **V120** - Post Anterior repair Refractory pain and relapse solved by fully Endoscopic or open assisted Mesh Removal and Trans-Abdomino-Preperitoneal repair - Jacobo Trébol, A.B. Sánchez-Casado, A. García-Plaza, J.I. González-Muñoz, A.M. Rodríguez-Rivas, L. Muñoz-Bellvís - Spain
- 08:20 - 08:27 **V121** - Laparoscopic Trans-Abdomino-Pre-Peritoneal repair in selected Posterior Approach Hernia Relapses - Jacobo Trébol, E. Álvarez-Peña, A.B. Sánchez-Casado, A. García-Plaza, J.I. González-Muñoz, L. Muñoz-Bellvís - Spain
- 07.30 - 08.30 Free paper video  
Sala 122 + 123  
Stream: Solid organs/Endocrine/Miscellaneous  
**S66 Fancy liver surgery**  
Chairs: Graziano Ceccarelli (Italy), Lubomir Martinek (Czech Republic)
- 07:30 - 07:37 **V122** - Standardized single port laparoscopy for resection of liver segments 7 and 8: retrospective analysis from a high-volume centre - Christof Mittermair, H. Hoi, M. Grünbart, M. deCillia, T. Hell, H. Weiss - Austria
- 07:40 - 07:47 **V123** - Robot-assisted liver resections; challenging cases presentation. - Graziano Ceccarelli, F. Ermili, M. De Rosa, W. Bugiantella, A. Spaziani, M. Codacci Pisanelli, L. Mariani - Italy
- 07:50 - 07:57 **V127** - Laparoscopic R1 vascular hepatectomy for hepatocellular carcinoma - Annarita Libia, V. Ferraro, M. Tedeschi, A. Casella, G. Bianchi, N. De Angelis, R. Memeo - Italy
- 08:00 - 08:07 **V125** - Laparoscopic Left Lateral Hepatectomy for Liver Metastasis - Vasileios Drakopoulos, S. Voulgaris, N. Morfis, C. Kontovazainitis, V. Vougas - Greece
- 08:10 - 08:17 **V126** - Clinical Application of Indocyanine green (ICG) Fluorescence Imaging to Detect Metastatic Peritoneal Nodules - Jai Young Cho, B. Lee, H-S. Han, H.W. Lee - Korea
- 08:20 - 08:27 **V124** - ICG Guided Robotic Left Lateral Segmentectomy for HCC - Valentina Ferraro, R. Memeo, N. de'Angelis, G. Bianchi, M. Tedeschi, A. Casella, A. Libia - Italy

07.30 - 08.30 Free paper oral

Sala 124 + 125

Stream: Bariatrics

**S67 MIS in morbid obese patients**

Chairs: Catalin Copaescu (Romania), Alice Tsai (UK)

- 07:30 - 07:37 **O134** - Endoscopic internal drainage with prompt external drainage mobilization prevent chronic gastric fistula in complicated cases of bariatric surgery - Panagiotis Lainas, C. Dammaro, J.L. Dumont, H. Tranchart, G. Donatelli, I. Dagher - France
- 07:40 - 07:47 **O135** - Is Single Anastomosis Gastric Bypass with fixed common channel length is effective and safe as Standard Mini gastric Bypass? - Sherif Albalkiny - Egypt
- 07:50 - 07:57 **O139** - Laparoscopic Bariatric surgery is safe during Phase 2-3 of Covid-19 Pandemic in Italy: a Multicenter, Prospective, Observational Study. - Boru Cristian Eugeniu, G. Silecchia, G. Marinari, P. Gentileschi, M. Morino, S. Olmi, M. Anselmino, M. Foletto, P. Bernante, C. Tascini, R. Morganti - Italy
- 08:00 - 08:07 **O137** - Relapse of diabetes after Roux-en-Y gastric bypass for patients with obesity: 12 years follow up study - Ahmed Elshaer, M.Q. Almerie, M. Pellen, P. Jain - United Kingdom
- 08:10 - 08:17 **O138** - Transhiatal migration after LSG myth or reality? A multicenter, retrospective study on the incidence and clinical impact. - Cristian Eugeniu Boru, P. Termine, A. Iossa, C. Ciccioriccio, M. Campanelli, P. Gentileschi, G. Silecchia - Italy

07.30 - 08.30 Free paper oral

Sala 127 + 128

Stream: Colorectal

**S68 How to improve the outcome of benign colorectal disorders**

Chairs: Luigi Boni (Italy), Rosa Jiménez-Rodrigues (Spain)

- 07:30 - 07:37 **O141** - The CRAC study (SICE) - Appendectomy at the age of Covid-19 in Italy - - Alberto Sartori, M. Podda, E. Botteri, A. Arezzo, F. Agresta - Italy
- 07:40 - 07:47 **O143** - Oral Neomicin and Bacitracin are effective in preventing Surgical Site Infections in elective colorectal surgery: a multicentre randomised trial - Edoardo Forcignano, A. Arezzo, P. Salusso, M. Mistrangelo, N. Vettoretto, E. Botteri, N. Cillara, R. Ottonello, M.A. Bonino, V. Testa, F.G. De Rosa, S. Corcione, R. Passera, M. Morino - Italy
- 07:50 - 07:57 **O145** - Prognostic factors for an early discharge after emergency laparoscopic appendectomy - Ariel Ezra Chami, Reut Harel, R. Harel, I. Sitton, A. Bitterman - Israel
- 08:00 - 08:17 **O022** - A Case Report of Concurrent Perforated Acute Sigmoid Diverticulitis and Perforated Acute Appendicitis - Colum O'Reilly, B. Murphy, G. Orsi, M. Aremu, N. Ozoani, K. Subramanian, K. Macauley - Ireland

07.30 - 08.30 Free paper oral

Sala 129 + 130

Stream: Solid organs/Endocrine/Miscellaneous



### **S69 MIS in liver surgery**

Chairs: Luca Morelli (Italy), Juan Antonio Bellido Luque (Spain)

- 07:30 - 07:37 **O151** - Benefits of laparoscopic major hepatectomy in cirrhotic patients. Time for pushing indications beyond the limits? A propensity score matching - Andrea Benedetti Cacciaguerra - Spain
- 07:40 - 07:47 **O147** - A Scoring System to Predict the Risk of Major Complications after Laparoscopic Liver Resection in Elderly Patients with Hepatocellular Carcinoma - Boram Lee, J.Y. Cho, H.S. Han, H.W. Lee - Korea
- 07:50 - 07:57 **O148** - The role of endoscopic ultrasound-guided transmural approach in management of biliary obstructions - Mateusz Jagielski, J. Piątkowski, M. Jackowski - Poland
- 08:00 - 08:07 **O149** - Benefits of laparoscopic approach for major hepatectomy in cirrhotic patients. Time for pushing indications beyond the limits? A PSM study - Andrea Benedetti Cacciaguerra, M. Abu Hilal - Italy
- 08:10 - 08:17 **O150** - Long-term Outcomes of Laparoscopic Liver Resection for Centrally Located Hepatocellular Carcinoma - Hyo Jun Kim, J.Y. Cho, H.S. Han, Y.S. Yoon, H.W. Lee, J.S. Lee, B.R. Lee, J.Y. Kim - Korea
- 08:20 - 08:27 **O201** - Randomized Clinical trial of laparoscopic versus open hemihepatectomy within an enhanced recovery after surgery program (ORANGE-II-PLUS study): A Quality of Life analysis - Bram Olij, R.S. Fichtinger, M. Kimman, L.A. Aldrighetti, F. Ratti, R.I. Troisi, M. Abu Hilal, S.A. Pugh, R.P. Suttcliffe, M.G.H. Besselink, S. Aroori, K.V. Menon, B.E. Edwin, M. D'Hondt, V. Lucidi, T.F. Ulmer, R. Diaz-Nieto, Z. Soonawalla, S. White, G. Sergeant, C. Kümmerli, Z. Eminton, J.N. Primrose, L. Brandts, R.M. van Dam, ORANGE II PLUS Collaborative - The Netherlands

07.30 - 08.30 Free paper oral

Sala 131 + 132

Stream: Solid organs/Endocrine/Miscellaneous

### **S70 Adrenal disorders**

Chairs: Jaap Bonjer (The Netherlands), Dusan Lesko (Slovakia)

- 07:30 - 07:37 **O152** - Validity and results of laparoscopic partial adrenalectomy - Igor Kurganov, Dmitry Bogdanov, D.Yu. Bogdanov, S.I. Emelyanov, M.Sh. Mamistvalov - Russia
- 07:40 - 07:47 **O153** - Cancer risk in adrenalectomy: are adrenal lesions equal or more than 4 cm in diameter a contraindication for laparoscopy? - Diletta Corallino, A. Balla, M. Orteni, L. Palmieri, F. Meoli, M. Guerrieri, A.M. Paganini - Italy
- 07:50 - 07:57 **O154** - Laparoscopic Transperitoneal Adrenalectomy- outcomes after resection of increased size- and malignant lesions - Aurél Ottlakan, A. Paszt, Zs. Simonka, Sz. Abraham, B. Borda, M.A. Vas, A. Balogh, Gy. Lazar - Hungary
- 08:00 - 08:07 **O271** - Robotic versus Laparoscopic Adrenalectomy: Systemic Review - Emad Rezkallah, W.M. Elsaify, A. Elsaify, G. Lim - United Kingdom

07.30 - 08.30 Free paper oral

Sala 133

Stream: UGI

**S71 Gastric cancer surgery**

Chairs: Richard van Hillegersberg (The Netherlands), Sheraz Markar (UK)

- 07:30 - 07:37 **O158** - Endoscopic submucosal dissection (ESD) and robotic sentinel node navigation surgery (SNNS) for the treatment of early gastric cancer (ECG) - Andrea Bottari, L. Fortuna, S. Buccianti, G. Barbato, C. Agostini, F. Giudici, F. Cianchi, F. Staderini - Italy
- 07:40 - 07:47 **O159** - Feasibility of laparoscopic gastrectomy for locally advanced gastric cancer in the elderly - Hender Hernandez, R. Olarte, W. Galvis, G. Labrador - Colombia
- 07:50 - 07:57 **O160** - Laparoscopic Conversion Gastrectomy : An Effective and Safe Treatment Method for Initially Unresectable Gastric Cancer - Soon Jae Kwon, H.H. Kim, D.J. Park, Y.S. Suh, S.H. Ahn, Y.S. Park, S.J. Lee, S.H. Kang - Korea
- 08:00 - 08:07 **O161** - Effects of Tissue Sealants for Prevention of Postoperative Pancreatic Fistula after Laparoscopic Gastrectomy: A Propensity Score Matching Analysis - Ji-Jung Jung, Y.S. Suh, S.H. Kang, S.J. Lee, Y. Won, Y.S. Park, S.H. Ahn, H.H. Kim - Korea
- 08:10 - 08:17 **O162** - Are Minimally Invasive Techniques in Gastrectomy for Cancer Associated with Textbook Outcomes and Survival? - Sivesh Kamarajah, E. Griffiths, A. Phillips, J. Ruurda, R. van Hillegersberg, W. Hofstetter, S. Markar - United Kingdom
- 08:20 - 08:27 **O163** - Short-term outcomes of single-incision distal gastrectomy and conventional totally laparoscopic distal gastrectomy – a randomized controlled trial - So Kang, S.J. Lee, Y.S. Park, S.H. Ahn, Y.S. Suh, H.H. Kim - Korea

08.30 - 10.00 Scientific session

Sala 112

Stream: Colorectal

**S72 Right colon cancer - how I do it**

Chairs: Mario Morino (Italy), Danilo Miskovic (UK)

- 08.30 - 08.45 Laparoscopic right hemicolectomy with complete mesocolic excision and intracorporeal anastomosis - Armando Melani (Brazil)
- 08.45 - 09.00 Laparoscopic right hemicolectomy and extracorporeal anastomosis - Mario Morino (Italy)
- 09.00 - 09.15 Robotic right hemicolectomy - Danilo Miskovic (UK)
- 09.15 - 09.30 The evidence in elective right hemicolectomy - Michel Adamina (Switzerland)
- 09.30 - 09.45 Image guided surgery and preoperative planning for right colonic resection - Salvador Morales Conde (Spain)

08.30 - 10.00 Scientific session

Sala 111

Stream: General

**S73 Guidelines corner - the 2021 EAES clinical practice guidelines**

Chairs: Stavros Antoniou (Cyprus), Silviu Daniel Preda (Romania)

- 08.30 - 08.45 Introducing rapid guidelines to EAES - Stavros Antoniou (Cyprus) 15m
- 08.45 - 09.10 Rapid guideline: Appendicitis in the elderly - Emina Letić (Bosnia Herzegovina) 20+5
- 09.10 - 09.35 Rapid guideline: TaTME for rectal cancer - Marco Milone (Italy) 20+5
- 09.35 - 10.00 Which bariatric procedure should I choose? Rapid extension of the EAES Bariatric Guidelines 2020, endorsed by IFSO-EC, EASO and ESPCOP - Francesco Maria Carrano (Italy) 20+5

08.30 - 10.00 Free paper oral

Sala 118 + 119

Stream: Technology

**S74 Gerhard Buess Technology Award**

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

- 08:30 - 08:37 **O164** - Telestration with Augmented Reality for efficient visual presentation of intraoperative target structures in Minimally Invasive Surgery - Felix Nickel, Caroline Wild, F. Lang, A. Gerhäuser, M.W. Schmidt, A. Huber, K.F. Kowalewski, H.G. Kenngott, B. Müller-Stich - Germany
- 08:42 - 08:49 **O165** - The effect of introducing an error coping role model on efficacy and quality of training in laparoscopic knot tying - a randomized-controlled trial - Annabelle Gerhäuser, F. Lang, C. Wild, M.W. Schmidt, B.P. Müller-Stich, F. Nickel - Germany
- 08:54 - 09:03 **O166** - Shortening surgical training through robotics: A randomised controlled trial of laparoscopic versus robotic surgical learning curves - Tamara Gall, W. Alrawashdeh, N. Soomro, S. White, L. Jiao - United Kingdom
- 09:08 - 09:15 **O167** - Technical improvements of the anastomotic technique in robotic minimally invasive esophagectomy can significantly reduce anastomotic leak rates - Dolores Mueller, B. Babic, F. Gebauer, R. Datta, H. Schlößer, L. Schiffmann, W. Schroeder, C. Bruns, H. Fuchs - Germany
- 09:20 - 09:27 **O168** - Adoption of Minimally Invasive Techniques in Esophagectomy for Cancer on Textbook Outcomes - Sivesh Kamarajah, E. Griffiths, A. Phillips, J. Ruurda, R. van Hillegersberg, W. Hofstetter, S. Markar - United Kingdom
- 09:32 - 09:39 **O169** - HeiChole Benchmark for Surgical Workflow and Skill Analysis - Results of an international machine learning challenge on laparoscopic cholecystectomy - Anna Kisilenko, S. Bodenstedt, D. Tran, P. Heger, F. Nickel, H.G. Kenngott, D. Lubotsky, L. Maier-Hein, S. Speidel, M. von Frankenberg, B.P. Müller, M. Wagner - Germany
- 09:44 - 09:51 **O170** - Benchmarking computer-generated 3-dimensional imaging among laparoscopy novices - Pietro Mascagni, c. Fiorillo, R. Watanabe, S. Kanaji, S. Perretta, G. Costamagna, B. Dallemagne, J. Marescaux - Italy

08.30 - 10.00 Scientific session

Sala 120 + 121

Stream: General

**S75 Media in surgery**

Chairs: Steven Wexner (USA), Manish Chand (UK), Antonio Lacy (Spain)

- 08.30 - 08.45 AIS Channel: 5 continents successful media experience - Antonio Lacy (Spain)
- 08.45 - 09.00 Impact of social media in Minimally Invasive Surgery - Julio Mayol (Spain)
- 09.00 - 09.15 Impact of social media on scientific literature - Steven Wexner (USA)
- 09.15 - 09.30 The impact of 5G in real time surgery telestration - Felix Nickel (Germany)
- 09:30 - 09:37 **O171** - Analysis of National Bariatric Surgery Related Clinical Incidents - Islam Omar, C. Parmar, O. Khan, M. Wilson, B. Madhok, K. Mahawar - United Kingdom

08.30 - 10.00 Free paper oral

Sala 122 + 123

Stream: Colorectal

**S76 Innovative ways to treat colon cancer**

Chairs: Lubomir Martinek (Czech Republic), Jesus Bollo Rodrigues (Spain)

- 08:30 - 08:37 **O172** - Uncovering topography and extent of injury to the superior mesenteric plexus in right colectomy w/ extended D3 mesenterectomy. A composite 3D analysis - Javier Armando Luzon, Y. Thorsen, BV. Stimec, LP. Nogueira, SN. Andersen, HJ. Haugen, B. Edwin, D. Ignjatovic - Norway
- 08:40 - 08:47 **O180** - Is Triggering Receptor Expressed On Myeloid Cells 1 (TREM-1) protein a new marker of serious infectious complications in colorectal surgery? - Magdalena Pisarska-Adamczyk, A. Rzepa, M. Kapusta, B. Kuśnierz-Cabala, M. Wysocki, P. Matczak, P. Major, M. Wierdak, M. Pędziwiatr - Poland
- 08:50 - 08:57 **O174** - Use of indocyanine-green fluorescence for lymphography and accurate lymphadenectomy in robotic right emicolectomy - Gloria Gallotti, Graziano Pernazza, R. Mancini, L. Ioni, T. Picconi, C. Montanari, P. Campagna - Italy
- 09:00 - 09:07 **O175** - Better Exercise and FOod, better REcovery (BEFORE): Feasibility Study - Misha Sier, Thaís Tweed, J.H.M.B. Stoot, E. Boerma, A. Van Bodegraven, N. Van Nie-Visser - The Netherlands
- 09:10 - 09:17 **O176** - The correlation between serum vascular endothelial growth factor (VEGF) and tumor VEGF receptor 3 in colorectal cancer - Maria Sousa, P. Leão, A. Goulart - Portugal
- 09:20 - 09:27 **O181** - Endoluminal negative pressure therapy in colorectal anastomotic leaks - 11 years experience. - Mateusz Wierdak, M. Tusinski, K. Kolodziejska, J. Strojek, A. Sorowka, P. Major, M. Mizera, M. Pedziwiatr - Poland
- 09:30 - 09:37 **O178** - Endoscopic Mucosal Resection and Endoscopic Submucosal Dissection or Transanal Endoscopic Microsurgery for Large Rectal Adenomas - Mario Guerrieri, Monica Ortenzi, E. Forcignanò, G. Pentassuglia, S. Williams, A. Emmanuel, A. Haji, R. Ghiselli, A. Arezzo, M. Morino - Italy
- 09:40 - 09:47 **O179** - A systematic review and network meta-analysis of vessel sealing devices in laparoscopic colorectal surgery - Christos Athanasiou, A. El Hadi, J. Hennon, A. Stearns - United Kingdom

08.30 - 10.00 Scientific session

Sala 124 + 125

Stream: HPB

**S77 How to improve your minimally invasive pancreatic resections**

Chairs: Horacio Asbun (USA), Konstantinos Tsalis (Greece)

- 08.30 - 08.45 Distal pancreatectomy - Santiago Sanchez Cabus (Spain)
- 08.45 - 09.00 How I do it: Laparoscopic Whipple operation - Baki Topal (Belgium)
- 09.00 - 09.15 Current role of enucleation in neuro endocrine tumours - Igor Khatkov (Russia)
- 09.15 - 09.30 Evidence based guidelines on minimally invasive pancreatic resection - Horacio Asbun (USA)
- 09.30 - 09.45 Robotic pancreatectomy; the way to go? - Ho Seong Han (Korea)
- 09.45 - 10.00 Prevention of pancreatic fistula after distal pancreatectomy - Selman Uranüs (Austria)

08.30 - 10.00 Scientific session

Sala 127 + 128

Stream: Solid/ Endocrine / Miscellaneous

**S78 Emergency MIS surgery**

**Chairs: Samir Delibegović (Bosnia-Herzegovina), Srdjan Mijatovic (Serbia)**

- 08.30 - 08.45 Safety of primary anastomosis following emergency left-sided colorectal resection - Elsa Valsdóttir (Iceland)
- 08.45 - 09.00 Is laparoscopy safe in incarcerated hernia? - Alfred Allen Buenafe (Philippines)
- 09.00 - 09.15 Incarcerated hiatal hernia; what to do? - Milos Bjelovic (Serbia)
- 09.15 - 09.30 Acute colon obstruction due to rectal carcinoma, how to handle? - Mark Coleman (UK)
- 09.30 - 09.45 Laparoscopy in trauma patients - Dorin Popa (Sweden)
- 09:45 - 09:52 **O095** - Emergent Laparoscopic repair of incarcerated and strangulated hernias - Guy Steinberg Barkon, *J. Rachmuth, I. Carmeli, S. Rayman, Y. Mnouskin, A. Keidar* - Israel

08.30 - 10.00 Scientific session

Sala 129 + 130

Stream: Hernia

**S79 Complications of hernia surgery**

**Chairs: Jan Kukleta (Switzerland), Ramesh Agarwalla (India)**

- 08.30 - 08.45 Treatment of patients with chronic pain after inguinal hernia surgery - Thanjakumar Arulampalam UK)
- 08.45 - 09.00 Update of the guidelines for ventral abdominal wall hernias - Reinhard Bittner (Germany)
- 09.00 - 09.15 Preoperative botox injection prevents postoperative complications - Tammo De Vries Reilingh (The Netherlands)
- 09.15 - 09.30 Definition of complex abdominal wall surgery. Do we need specialised centres? - Maciej Smietanski (Poland)
- 09:30 - 09:37 **O091** - Minimally invasive extraperitoneal “no tension” ventral/incisional repair in males with severe rectus diastasis associated. - Juan Bellido, *A. Bellido, E. Licardie, A. Tejada, M. Sanchez Ramirez* - Spain

08.30 - 10.00 Free paper video

Sala 131 + 132

Stream: Colorectal

**S80 Best videos Colorectal malignant**

**Chairs: Wanda Petz (Italy), Vasile Bintintan (Romania)**

- 08:30 - 08:37 **V128** - Transanal Approach to the rescue: Intraoperative Distal Margin Salvage after Laparoscopic Total Mesorectal Excision for Low Rectal Cancer - Romina Pena, *F.B. De Lacy, G. Chullo, S. Valverde, A.M. Lacy* - Spain
- 08:40 - 08:47 **V129** - Laparoscopic lateral pelvic lymph node dissection for anaorectal melanoma-A video vignette - Sanket Bankar, *D. Pandey, V. Sukumar, S. Patel, J. Rohila, A. Desouza, A. Saklani* - India
- 08:50 - 08:57 **V130** - Complete Mesocolon Escision Guided by Indocyanine Green for Right Colonic Cancer - JeanCarlos Trujillo-Díaz, *L. Pérez-Corbal, I. Alarcón Del Agua, E. Licardie Bolaños, A. Senent Boza, F. López-Bernal, M. Socas Macías, S. Morales-Conde* - Spain

- 09:00 - 09:07 **V131** - Laparoscopic chronic presacral sinus repair with anastomotic preservation after rectal cancer surgery - Yoelimar Guzman, *C. Gonzalez, A. Otero-Piñero, R. Bravo, F. De Lacy, A. Lacy* - Spain
- 09:10 - 09:17 **V132** - Lymphatic drainage in splenic flexure cancer: evaluation with indocyanine green fluorescence during laparoscopic splenic flexure resection. - *Maria Francesca Chiappetta, C. Frattaruolo, D. Moioli, C. Bertani, Ludovica Baldari, E. Cassinotti, L. Boni* - Italy
- 09:20 - 09:27 **V133** - Neoadjuvant Radiotherapy and Laparoscopic Selective Lateral Pelvic Lymph Node Dissection: our strategy for Advanced low rectal cancer - Shuichiro Matoba, *H. Kuroyanagi, S. Toda, Y. Hanaoka, K. Hiramatsu, F. Fukui, Y. Maeda, M. Ueno* - Japan
- 09:30 - 09:37 **V134** - Endoscopic Vacuum Therapy for anastomotic leakage after colorectal surgery: a video vignette - Matteo Di Giuseppe, *C. De Maria, S. Spampatti, F. Mongelli, D. La Regina, J.M.A. Toti, D. Christoforidis, P. Majno-Hurst, G. Lollo* - Switzerland
- 09:40 - 09:47 **V135** - Interactive 3d Vascular Reconstruction: A Navigation Tool to Improve Safety in D3 Right Colectomy - Jean Carlos Trujillo-Díaz, *L. Pérez-Corbal, I. Alarcón Del Agua, E. Licardie Bolaños, A. Senent Boza, F. López-Bernal, M. Socas Macías, S. Morales-Conde* - Spain
- 09:50 - 09:57 **V136** - Laparoscopic segmental resection with D3 central lymphadenectomy for cancer of the transverse colon - Vasile Bintintan, *V. Fagarasan, R. Chira* - Romania

08.30 - 10.00 Scientific session

Sala 133

Stream: General

### **S81 Laparoscopic surgery in children**

Chairs: Wim van Gemert (The Netherlands), Henri Steyaert (Belgium)

- 08:30 - 08:37 **O184** - Predicting Long-Term Risk of reoperations following abdominal and pelvic surgery in a nationwide Cohort Study - Masja Toneman, *P. Krielen, J. Jaber, T.D. Groenveld, M.W.J. Stommel, E.A. Griffiths, M.C. Parker, N.D. Bouvy, H. van Goor, R.P.G. ten Broek* - The Netherlands

08.45 - 09.00 Innovative minimal invasive staged approach of long-gap oesophageal atresia - Dariusz Patkowski (Poland)

09.00 - 09.15 Totally Robotic Soave Endorectal Pull-through for Congenital Disorders - Alessio Pini Prato (Italy)

09.15 - 09.30 New technologies in the near future that will help paediatric surgeons - Henri Steyaert (Belgium)

09:30- 09:45 Feasibility of robot-assisted surgery in small children and neonates - Ruben Visschers (The Netherlands)

10.00 - 10.30 COFFEE BREAK

10.30 - 12.00 Scientific session TO BE RECORDED FOR BROADCASTING

Sala 112

Stream: General

### **S82 Surgery after the COVID-19 pandemic. What have we learned?**

Chairs: Horacio Asbun (USA), Salvador Morales Conde (Spain)

10.30 - 10.45 Outcomes Global Surgery COVID Collaborative - Horacio Asbun (USA)

- 10.45 - 11.00 Laparoscopy as a risk for viral contamination, which is the truth? - Yoav Mintz (Israel)  
11.00 - 11.15 EAES recommendations for recovery plan in Minimally Invasive Surgery amid COVID-19 pandemic - Catalin Copaescu (Romania)  
11.15 - 11.30 COVID-19; The AEC experience - Salvador Morales Conde (Spain)  
11:30 - 11:37 **O185** - Impact of COVID-19 on emergency general surgical admission during the peak and patients' reported satisfaction - Tarik Jichi - United Kingdom

10.30 - 12.00 Scientific session

Sala 111

Stream: Hernia

### **S83 Hot topics in hernia surgery**

**Chairs: Manuel Lopez Cano (Spain), Thomas Carus (Germany)**

- 10.30 - 10.45 Laparoscopic surgery of uncomplicated and complicated ventral hernia in an emergency setting - Srdjan Mijatovic (Serbia)  
10.45 - 11.00 How to treat rectus diastasis - Tammo De Vries Reilingh (The Netherlands)  
11.00 - 11.15 Transversus abdominis approaches - the way forward or a step too far? - Jorge Daes (Colombia)  
11.15 - 11.30 Parastomal hernia prophylaxis - Lubomír Martinek (Czech Republic)  
11:30 - 11:37 **O186** - Pre-Aponeurotic Endoscopic Repair (REPA) of diastasis recti: medium-term results from a single surgeon's experience - Salvatore Cuccomarino, A. Jannaci, L.D. Bonomo - Italy

10.30 - 12.00 Scientific session

Sala 118 + 119

Stream: Robotics

### **S84 Which robot should I purchase in 2021?**

**Chairs: Alberto Arezzo (Italy), George Mylonas (UK), Giuseppe Turchetti (Italy)**

- 10.30 - 10.45 Intuitive - Tilman A. Schlick (Germany)  
10.45 - 11.00 Asensus Surgical - Narimantas Evaldas Samalavicius (Lithuania)  
11.00 - 11.15 Distalmotion - Dieter Hahnlöser (Switzerland)  
11.15 - 11.30 Medtronic - Carla Peron (USA)  
11.30 - 11.45 CMR - Mark Slack (UK)  
11.45 - 12.00 Economic burden of robotic systems - Giuseppe Turchetti (Italy)

10.30 - 12.00 Scientific session

Sala 120 + 121

Stream: Bariatrics

### **S85 Complications of bariatric surgery**

**Chairs: Aurora Pryor (USA), Nicola Di Lorenzo (Italy), Antonio Torres García (Spain)**

- 10.30 - 10.45 How we manage leaks after sleeve gastrectomy - Ramon Vilallonga (Spain)  
10.45 - 11.00 How we manage complications after RYGB - Gianfranco Silecchia (Italy)  
11.00 - 11.15 Undesired metabolic disturbances and how to handle them - Mahir Özmen (Turkey)  
11.15 - 11.30 Revisional bariatric surgery - Raul Rosenthal (USA)  
11:30 - 11:37 **O187** - Maternal and Fetal Outcomes of Asian Pregnancies After Bariatric Surgery. - Sajid Malik, A. Shabbir, D. Lomanto - Singapore

10.30 - 12.00 Scientific session

Sala 122 + 123

Stream: Colorectal

### **S86 Hot debates in colorectal surgery**

*5 min presentation per person, max 5 slides) The hot topic session much reflect the latest evidence from literature. In only five minutes everything what is known about this topic in literature should be shared in a dynamic way.*

**Moderators: Predag Andrejevic (Malta), Kenneth Campbell (UK)**

**10.30 - 10.45 Do we need to protect our anastomoses and when?**

10.30 - 10.35 Yes, we do - Maxime Dewulf (Belgium)

10.35 - 10.40 No, never - George Theodoropoulos (Greece)

10.40 - 10.45 Voting

**10.45 - 11.00 Anastomotic leakage is mainly caused by:**

10.45 - 10.50 Anaesthesiologic factors - Tim Lubbers (The Netherlands)

10.50 - 10.55 Patient related factors - Audrey Jongen (The Netherlands)

10.55 - 11.00 Voting

**11.00 - 11.15 Intracorporeal vs Extracorporeal anastomosis in right colectomy?**

11.00 - 11.05 Internal anastomosis is the best strategy - Mark Coleman (UK)

11.05 - 11.10 External anastomosis is the best strategy - Ferdinando Agresta (Italy)

11.10 - 11.15 Voting

**11.15 - 11.35 What is the best way to treat rectal carcinoma?**

11.15 - 11.20 Ta-TME - Michel Adamina (Switzerland)

11.20 - 11.25 Robotic resection - Wanda Petz (Italy) *back up Danilo Miskovic (UK)*

11.25 - 11.30 Or just Laparoscopic? - Timothy Rockall (UK) *or Argentinian*

11.30 - 11.35 Voting

**11.35 - 11.50 Prehabilitation for all?**

11.35 - 11.40 Prehabilitation in older persons is necessary - TBA

11.40 - 11.45 Prehabilitation in younger persons is necessary - Tim Lubbers (The Netherlands)

11.45 - 11.50 Voting

10.30 - 12.00 Scientific session

Sala 124 + 125

Stream: HPB

**S87 AEC5: New trends in minimally invasive HPB surgery**

Chairs: Juan Bellido (Spain), Jordi Navinés-López (Spain)

10.30 - 10.45 Towards standardized laparoscopic and robotic pancreatoduodenectomy - Marc Besselink (The Netherlands)

10.45 - 11.00 Advances in laparoscopic liver surgery - Mohammad Abu Hilal (Italy)

11.00 - 11.15 Robotic vs laparoscopic pancreatoduodenectomy. Is robotic superior? - J. Santiago Azagra (Luxembourg)

11.15 - 11.30 Role of MIS in HPB oncologic surgery. Where is the limit? - Santiago López-Ben (Spain)

11:30 - 11:37 **O188** - Robotic distal pancreatectomy: a systematic review and meta-analysis on costs and perioperative outcome - *Marcello Di Martino, Angelo Dovidio, J. Núñez-Alfonse, B. Ielpo* - Spain

10.30 - 12.00 Scientific session

Sala 127 + 128

Stream: General

**S88 Consensus conference MIS in the Elderly**

Chairs: Nader Francis (UK), Deborah Keller (USA)



Panel: Nicole Bouvy (The Netherlands), Amelia Collings (USA), Marco Milone (Italy), Patricia Tejedor (UK), Nathan Curtis (UK), Laura-Meline Piotet (Switzerland), Francisco Carrano (Italy), Nader Hanna (Canada)

Schedule will follow

10.30 - 12.00 Scientific session

Sala 129 + 130

Stream: Technology

**S89 Big Data, AI, ML and MIS (via ET)**

Chairs: Teodor Grantcharov (Canada), Pietro Mascagni (Italy)

10.30 - 10.45 OR Black Box - Teodor Grantcharov (Canada)

10.45 - 11.00 AI & ML and video image. A reality and indications - Pietro Mascagni (Italy)

11.00 - 11.15 The future of AI & ML and MIS - Daniel Hashimoto (USA)

11.15 - 11.30 New image modalities and deep learning in endoscopy - Francisco Sánchez-Margallo (Spain)

11:30 - 11:37 **O189** - Use of humanoid robots and tablets to increase the efficiency of informed consent in Ivor-Lewis esophagectomy - a prospective randomized study - Rabi Datta, J. Toader, D. Mueller, T. Dratsch, C. Kazikci, S. Turanli, J. Peschka, R. Stier, M. Scholz, I. Wahler, B. Babic, W. Schroeder, C. Bruns, H. Fuchs - Germany

10.30 - 12.00 Free paper session

Sala 131 + 132

Stream: General

**S90 Karl Storz EAES Award**

Chairs: Andrea Pietrabissa (Italy), Jaap Bonjer (The Netherlands), George Hanna (UK)

10:30 - 10:37 **O190** - Laparoscopic peritoneal lavage versus sigmoidectomy for perforated diverticulitis with purulent peritonitis: three-year follow-up of the randomised LOLA trial - Vincent Hoek, P.P. Edomskis, P.W. Stark, D.P.V. Lambrichts, E.C.J. Consten, W.A. Draaisma, J.F. Lange, W.A. Bemelman - The Netherlands

10:45 - 10:52 **O196** - EndoFLIP tailored per-oral endoscopic myotomy: Experience in two UK centres. - Kaveetha Kandiah, W. Knight, J. Couch, N. Tewari, K. Ragunath, J. Catton, A. Botha - United Kingdom

11:00 - 11:07 **O192** - Comparative effectiveness of different pathologic techniques on lymph node count in gastric cancer specimens. A systematic review and network meta-analysis. - Christos Athanasiou, L. Sreedharan, M. Lewis, S. Wemyss-Holden - United Kingdom

11:15 - 11:22 **O193** - The role of 3D modelling technology in recognition of colorectal tumour deposits - Anna Przedlacka, S. Balyasnikova, P. Tekkis, G. Brown, F. Bello, C. Kontovounisios - United Kingdom

11:30 - 11:37 **O194** - Particularities of acute cholecystitis in the pandemic period - What happens to non-Covid19 patients ? - Nicoleta Leopa, R.C. Popescu - Romania

11:45 - 11:52 **O195** - Post-operative recovery following laparoscopic cholecystectomy: a need to redefine the consent for cholecystectomy - James Lucocq, G. Radhakishnan, J. Scollay, P. Patil - United Kingdom

10.30 - 12.00 Scientific session

Sala 133

Stream: UGI

**S91 Expert opinions on anti-reflux surgery**

Chairs: Eduardo Targarona (Spain), Suzanne Gisbertz (The Netherlands), Fernando Ugalde (Mexico)

10.30 - 10.45 Lessons learned from history, all procedures in a row - Giovanni Zaninotto (Italy)

10.45 - 11.00 Posterior or anterior repair - Eric Hazebroek (The Netherlands)

11.00 - 11.15 Necessary pre-operative work up for the best outcome - Hans Fuchs (Germany)

11.15 - 11.30 Tips and tricks from the master - Heine Van der Walt (South-Africa)

11.30 - 11.45 How to solve disasters after anti reflux surgery - Suzanne Gisbertz (The Netherlands)

11.45 - 12.00 Revision anti reflux surgery - tips for success - Sunil Papat (India)

12.00 - 12.20 Lecture

Sala 112

Stream: General, International

**S92 Presidential lecture: My OR goes green**

Andrea Pietrabissa (Italy)

Introduction by: Gunnar Ahlberg (Sweden)

12.20 - 12.40 Lecture

Sala 112

Stream: General, International

**S93 IFSES key note lecture: Ego vs memory, the soul of the surgeon**

Natan Zundel (USA)

Introduction by: Andrea Pietrabissa

12.40 - 14.10 LUNCH

**Satellite symposium Olympus**

Sala 118 + 119

13.00 - 14.00 hrs

**Satellite symposium CMR**

Sala 120 + 121

13.00 - 14.00 hrs

**Satellite symposium Boston Scientific**

Sala 131 + 132

13.00 - 14.00 hrs

14.10 - 14.30 Lecture

Sala 112

Stream: Technology, General, International

**S94 Sir Alfred Cuschieri technology lecture: Forefront technology for the surgeon of the future -**

Kiyokazu Nakajima (Japan)

Introduction by: Alberto Arezzo (Italy)

14.30 - 16.00 Scientific session TO BE RECORDED FOR BROADCASTING

Sala 112

Stream: International

**S95 IFSES SESSION 2: Global surgery**

Chairs: Davide Lomanto (Singapore), Salvador Morales Conde (Spain), Mario Saenz Ramirez (Costa Rica)

14.30 - 14.45 Safe surgery - Lilia Cote (Mexico)

14.45 - 15.00 ELSA Outreach Project - Davide Lomanto (Singapore)

15.00 - 15.15 Outcomes of a laparoscopic training centre: 25 years later - Ricardo Torres (Argentina)

15.15 - 15.30 Global surgery: A dream or a need? - Andrea Pietrabissa (Italy)

15.30 - 15.45 IRCAD: 5 continents successful training experience - Bernard Dallemagne (France)

14.30 - 16.00 Scientific session

Sala 111

Stream: Solid/Endocrine/Miscellaneous

**S96 How I do it - Endocrine surgery**

Chairs: Oscar Vidal (Spain), Jaime Vilaça (Portugal)

14.30 - 14.45 Transabdominal laparoscopic adrenalectomy - Mario Morino (Italy)

14.45 - 15.00 Retroperitoneal laparoscopic adrenalectomy - Jaap Bonjer (The Netherlands)

15.00 - 15.15 Posterior approach to adrenalectomy - Martin Walz (Germany)

15.15 - 15.30 Laparoscopic splenectomy - Eduardo Targarona (Spain)

15.30 - 15.45 Robotic thyroidectomy - Menno Vriens (The Netherlands)

15.45 - 16.00 Trans-axillary endoscopic thyroidectomy - Oscar Vidal (Spain)

14.30 - 16.00 Scientific session

Sala 118 + 119

Stream: Colorectal

**S97 Admittance in a first episode of uncomplicated diverticulitis, is it mandatory?**

Chairs: Nathan Curtis, (UK) Dejan Ignjatovic (Norway)

14.30 - 14.45 Update: to operate or not in recurrent and ongoing diverticulitis - Ferdinando Agresta (Italy)

14.45 - 15.00 The role of antibiotics in the treatment of uncomplicated diverticulitis - Nathan Curtis (UK)

15.00 - 15.15 Complicated diverticulitis; peroperative decisions in Hinchey 3 versus Hinchey 4 diverticulitis - Nader Francis (UK)

15.15 - 15.30 Diverticulitis in the frail and elderly - Predrag Andrejevic (Malta)

14.30 - 16.00 Scientific session

Sala 120 + 121

Stream: Bariatrics

**S98 Do's and don'ts in bariatric surgery**

Chairs: **Catalin Copaescu (Romania), Carmen Balagué (Spain),  
Juan Pablo Pantoja (United Arab Emirates)**

14.30 - 14.45 Which problems can we expect of the airway during surgery of obese patients - Daniela Godoroja (Romania)

14.45 - 15.00 When is revisional surgery indicated? - Jan-Willem Greve (The Netherlands)

15.00 - 15.15 Lessons learned from consensus meeting on bariatric surgery 2019 EAES-IFSO - Nicola Di Lorenzo (Italy)

15.15 - 15.30 Is the sleeve killing the future of bariatric surgery? - Natan Zundel (USA)

15:30 - 15:37 **O199** - Influence of the Gastric Tube Size on the Incidence of Postoperative Gastroesophageal Reflux after Laparoscopic Sleeve Gastrectomy - Eulalia Ballester, B. Gonzalo, S. Fernandez, C. Codina, A. Basterra, C. Balagué - Spain

14.30 - 16.00 Scientific session

Sala 122 + 123

Stream: General

**S99 EAES COVID-19 grant winners**

Chairs: Beat Müller Stich (Germany), Nicole Bouvy (The Netherlands)

- 14.30 - 14.45 Detection of COVID-19 in exhaled breath using an electronic nose - Anne Wintjens (The Netherlands)
- 14.45 - 15.00 Viral load of SARS-CoV-2 in gas from pneumoperitoneum in MIS compared to open surgery - Is there a risk of exposure for OR team? - Beat Müller Stich (Germany)
- 15.00 - 15.15 TroCare: A Smoke-Free-laparoscopy trocar system for all instruments - Tim Horeman (The Netherlands)
- 15.15 - 15.30 Adaptive surgical learning after COVID-19 - Patricia Tejedor (Spain)
- 15.30 - 15.45 Transformation of educational strategies for minimally invasive surgery following COVID-19 and beyond - Tim Feenstra (The Netherlands)
- 15.45 - 16.00 The CRAC study (SICE); appendectomy in the age of COVID-19 in Italy - Alberto Sartori (Italy)

14.30 - 16.00 Scientific session

Sala 124 + 125

Stream: HPB

**S100 Bile duct injury: a controlled global pandemic**

Chairs: Michael Brunt (USA), Abe Fingerhut (France), Horacio Asbun (USA)

- 14.30 - 14.45 Consensus common bile duct injury - Horacio Asbun (USA)
- 14.45 - 15.00 Laparoscopic approach to BDI - Juan Pekolj (Argentina)
- 15.00 - 15.15 How to prevent BDI: ICG? - Raul Rosenthal (USA)
- 15.15 - 15.30 Laparoscopic cholecystectomy: do no further harm - Mike Brunt (USA)

14.30 - 16.00 Free paper videos

Sala 127 + 128

Stream: HPB, Solid organs/Endocrine/Miscellaneous

**S101 Best videos HPB Gallbladder**

Chairs: Peter Sedman (UK), Georg Bischof (Austria)

- 14:30 - 14:37 **V137** - ROBOT-ASSISTED SURGERY FOR GALLBLADDER CANCER - Fulthon Frank Vela-Polanco, A. Escartin Arias, J. Jara Quezada, P. Muriel Álvarez, H. Salvador Roses, M. González Daigues, J.J. Olsina Kissler - Spain
- 14:40 - 14:47 **V138** - Laparoscopic transgastric endoscopic retrograde cholangiopancreatography (ERCP) after gastric bypass surgery - Rutger-Jan Renger, M. Dekeyser - The Netherlands
- 14:50 - 14:57 **V139** - Laparoscopic cholecystectomy for Mirizzi syndrome in severe obese patient: challenging but feasible. - Andrea Biancucci, Alessia Fassari, M.M. Lirici - Italy
- 15:00 - 15:07 **V140** - Impacted, large and multiple choledochal stones: laparoscopic choledochotomy and choledochoscopy exploration - Jinghuang Ye Zhou, C. Galan, M. Rodriguez, B. Martin, V. Molina, A. Moral, S. Sanchez Cabús - Spain
- 15:10 - 15:17 **V141** - Laparoscopic cholecystectomy in the left lateral decubitus position - Pedro Antonio Montalbán Valverde, J.E. Sanchez Lara, R. Rodríguez García, T. Rubio Sánchez, E.A. Diego Alonso, S. Garrosa Muñoz, J.M. Nieto Arranz, J. Lopez Sanchez, S. Alonso

*Batanero, B. Barón Salvador, A.M. Rodríguez Rivas, C. González Sanchez, G. Franch Arcas, L. Muñoz Bellvis - Spain*

15:20 - 15:27 **V142** - Gallbladder agenesis with dysmorphic cyst: a diagnostic laparoscopic challenge - Massimiliano Cinalli, S. Di Russo, P. Panaccio, V. Casolino, F. Mucilli, R. Cotellese, F. Selvaggi - Italy

15:30 - 15:37 **V145** - Fundus Lift Technique For Difficult Laparoscopic Cholecystectomy in morbidly obese patient. - Samer Zino - United Kingdom

15:40 - 15:47 **V144** - Kehr-related complication in biliary surgery. Laparoscopic Kehr removal - Francisco J. Buils Vilalta, J.J. Sánchez Cano, C. Morales Tugues, M. Vives Espelta, E. Homs, E. Bartra, P. Martínez, M.A. García, A. Sánchez Marín - Spain

14.30 - 16.00 Scientific session

Sala 129 + 130

Stream: Technology, Robotics

### **S102 Surgery 4.0 and beyond**

**Chairs: Pietro Valdastri (UK), Amir Szold (Israel)**

14.30 - 14.45 Machine learning for cognitive robotics in the sensor operating room - Martin Wagner (Germany)

14.45 - 15.00 Endorobots for colonoscopy: design challenges and available technologies - Luigi Manfredi (UK)

15.00 - 15.15 Artiserial articulating instrumentation - Manish Chand (UK)

15.15 - 15.30 Surgical data science - Lena Maier-Hein (Germany)

15.30 - 15.45 The hospital factory: bringing personalised production to the bedside - Stefania Marconi (Italy)

15.45 - 16.00 HANDX, a hand-held smart motorised laparoscopic device - Amir Szold (Israel)

14.30 - 16.00 Scientific session

Sala 118 + 119

Stream: General

### **S103 What can we do to make our hospital greener?**

Chairs: Nicole Bouvy (The Netherlands), Tim Horeman (The Netherlands)

14.30 - 14.50 Sustainable Surgery: Urban mining in the OR - Tim Horeman (The Netherlands)

14.50 - 15.10 Impact of and how to avoid the pollution by inhalation anaesthetics - Niek Sperna Weiland (The Netherlands)

15.10 - 15.30 Low hanging fruit: turn down the refreshment cycle of your OR during the night - Elmar Helmich (The Netherlands)

15.30 - 15.50 Avoidance and recycling of disposable goods in the OR - Martine Moosdorff (The Netherlands)

14.30 - 16.00 Scientific session

Sala 133

Stream: Technology

### **S104 Innovations in MIS Colorectal Surgery (joint with ESCP)**

Chairs: Michel Adamina (Switzerland), Eloy Espin Basany (Spain)

14.30 - 14.45 Value-driven health care: clinical decision-making beyond large-scale database, RCT, and guidelines - Deborah Keller (USA)

14.45 - 15.00 Next generation endoscopic surgery: the smaller, the better - Alberto Arezzo (Italy)

15.00 - 15.15 Enhanced vision - a surgeon's dream becomes reality - Michele Diana (France)

- 15.15 - 15.30 The comeback of oral antibiotic prophylaxis - Eloy Espin Basany (Spain)  
15:30 - 15:37 **O202** - Common General Surgical Never Events: An In-depth Analysis of Never Events data held by NHS England - Islam Omar, R. Singhal, M. Wilson, C. Parmar, O. Khan, K. Mahawar - United Kingdom

16.00 - 16.30 COFFEE BREAK

16.30 - 18.00 Scientific session

Sala 112

Stream: General

**S105 Highway to disaster 2 (videos of undesired events)**

Chairs: Fernando Ugalde (Mexico), Suthep Udomsawaengsup (Thailand), Samuel Shuchleib (Mexico)

- 16.30 - 16.40 Lineal esophago-jejunal anastomosis. Treatment of intraoperative detection of orifice - Sonia Fernandez Ananin (Spain)  
16.40 - 16.50 Disasters in lower GI anastomosis - Ludovica Baldari (Italy)  
16.50 - 17.00 Bleeding during a laparoscopic release of median arcuate ligament - Peter Sedman (UK)  
17.00 - 17.10 Near misses in laparoscopic cholecystectomy: an educational video - Pietro Mascagni (Italy)  
17.10 - 17.20 Pancreatic bleeding during robotic right colectomy - Marco Milone (Italy)  
17.20 - 17.30 Bleeding management during robotic surgery - Luca Morelli (Italy)  
17.30 - 17.40 Eventful removal of inguinal hernia mesh - Piotr Myśliwiec (Poland)  
17.40 - 17.50 Early recurrence of giant hiatal hernia - Gil Faria (Portugal)  
17.50 - 18.00 Bowel injuries during peritoneal access - Ramesh Agarwalla (India)

16.30 - 18.00 Scientific session

Sala 111

Stream: International, Hernia, Bariatrics, UGI

**S106 JSES session 2 Hernia, GERD and Bariatric surgery in the world**

Chairs: Natan Zundel (USA), Salvador Morales Conde (Spain)

- 16.30 - 16.45 GERD and bariatric surgery in Japan - Yosuke Seki (Japan)  
16.45 - 17.00 Hernia surgery for the obese - Gil Faria (Portugal)  
17.00 - 17.15 Groin and abdominal hernia surgery in Japan - Masakazu Ohuchi (Japan)  
17.15 - 17.30 Laparoscopic and robotic hernia surgery - Filip Muysoms (Belgium)

16.30 - 18.00 Scientific session

Sala 118 + 119

Stream: Colorectal, Technology

**S107 New insights in colorectal surgery**

Chairs: Veerle Melotte (The Netherlands), Nereo Vettoretto (Italy)

- 16.30 - 16.45 AI in colorectal surgery - Daniel Hashimoto (USA)  
16.45 - 17.00 The influence of microbiome on complications after colorectal surgery - James Kinross (UK)  
17.00 - 17.15 The influence of peripheral nervous system in the pathological specimen on oncological prognosis - Veerle Melotte (The Netherlands)  
17.15 - 17.30 3D, 4K, Fluorescence, Hyperspectral, etc; what is really needed? - Nereo Vettoretto (Italy)  
17:30 - 17:37 **O204** - Influence of intraoperative vasopressor use on indocyanine green fluorescence angiography: first evaluation in an experimental model - Mahdi Al-Taher, Tim Pruijboom, R.M. Schols, N. Okamoto, N.D. Bouvy, L.P.S. Stassen, R.R.W.J.

*van der Hulst, K. Kugler, A. Hostettler, E. Noll, J. Marescaux, S. Diemunsch, M. Diana -  
The Netherlands*

16.30 - 18.00 Scientific session

Sala 120 + 121

Stream: Technology

**S108 Augmented, virtual reality and 3D printing**

Chairs: Stefania Marconi (Italy), Felix Nickel (Germany)

16.30 - 16.45 Preoperative planning simulation and image fusion - Luc Soler (France)

16.45 - 17.00 Machine vision and VR in endoscopy - Felix Nickel (Germany)

17.00 - 17.15 New frontiers of 3D printing - Stefania Marconi (Italy)

17.15 - 17.30 Augmented reality for advanced robotic surgery - Manish Chand (UK)

17:30 - 17:37 **O205** - The effect of continuous at-home training of laparoscopic surgery on laparoscopic skill retention. - Maja Joosten, V. Hillemans, M. Van Capelleveen, G. Bökkerink, B. Verhoeven, I. De Blaauw, S. Botden - The Netherlands

16.30 - 18.00 Scientific session

Sala 122 + 123

Stream: General, Technology, Colorectal, Bariatrics

**S109 Update on past EAES consensus conferences**

Chairs: Nader Francis (UK), Nicola Di Lorenzo (Italy)

16.30 - 16.45 Guidelines on 3D - Nereo Vettoreto (Italy)

16.45 - 17.00 Guidelines on Diverticulitis - Marylise Boutros (Canada)

17.00 - 17.15 Guidelines on Bariatric surgery - Nicola Di Lorenzo (Italy)

17.15 - 17.30 Guidelines on Single incision endoscopic surgery - Nicole Bouvy (The Netherlands)

17.30 - 17.50 Consensus on GERD - promoted by SAGES, ASGE, ASMBS, EAES, SSAT and STS - Ramon Vilallonga (Spain) & Rita Rodriguez Luna (Spain)

16.30 - 18.00 Free paper video

Sala 124 + 125

Stream: HPB, Solid organs/Endocrine/Miscellaneous

**S110 Best videos HPB Liver**

Chairs: Mohammad Abu Hilal (Italy), Bjørn Edwin (Norway)

16:30 - 16:37 **V146** - Liver partition and portal vein ligation for staged hepatectomy (ALPPS): a case of ALPPS procedure with full robotic approach. - Riccardo Caruso - Spain

16:40 - 16:47 **V098** - Advantages of laparoscopic liver bi-segmentectomy II-III in pluripathological patients with cirrhosis. - Alejandro David Bueno Cañones, E. Asensio-Díaz, M. Bailón-Cuadrado, E. Choolani-Bhojwani, F. Acebes-García, P. Marcos-Santos, S. Veleda-Belanche, P. Pinto-Fuentes, F. Labarga-Rodríguez, B. Pérez-Saborido, F.J. Tejero-Pintor, D. Pacheco-Sánchez - Spain

16:50 - 16:57 **V103** - Easy Pringle: a new technical way - Francisco Marrana, R. Peixoto, L. Barbosa, C. Quintela, J.P. Gonçalves, P. Valente, G. Faria - Portugal

17:00 - 17:07 **V149** - Pure laparoscopic liver posterior sectionectomy (PLPS): a surgery tutorial video with digital superimposition of key anatomy elements (VIDEO) - Raffaello Roesel, Lorenzo Bernardi, Alessandra Cristaudi, F. Garofalo, F. Mongelli, D. Celio, P. Majno-Hurst, S.G. Popeskou - Switzerland

- 17:10 - 17:17 **V150** - The more you see, the more you get: CEIOUS and ICG in the treatment of HCC of segment 7 - Valentina D'Alessandro, *R. Santambrogio, E. Galfrascoli, M.P. Giusti, M.A. Zappa* - Italy
- 17:20 - 17:27 **V151** - Indocyanine green fluorescence navigation for anatomical laparoscopic segment 6 hepatectomy - Benedetto Ielpo, *F. Burdio, P. Sanchez, E. Pueyo, A. Martinez-Solá, L. Grande, M. Pera* - Spain
- 17:30 - 17:37 **V152** - ICG Guided Robotic Anatomical Liver S 3 Resection For Epithelioid Pleomorphic Tumor - Marco Montagna, *V. Ferraro, R. Memeo, M. Tedeschi, N. De Angelis, G. Bianchi, A. Libia, M. Conticchio, A. Delvecchio, A. Casella* - Italy
- 17:40 - 17:47 **V153** - Mirizzi Syndrome with Cholecystocholedocal Fistula Type II - Clara Galan Martinez, *J. Ye, M. Rodriguez, B. Martin, V. Molina, A. Moral, S. Sanchez Cabús* - Spain

16.30 - 18.00 Scientific session

Sala 127 + 128

Stream: Solid/Endocrine/Miscellaneous

**S111 How to deal with complications of endocrine surgery**

Chairs: Adrian Park (USA), Slavko Matic (Serbia)

- 16.30 - 16.45 How to deal with complications during laparoscopic splenectomy - Slavko Matic (Serbia)
- 16.45 - 17.00 Pearls and pitfalls of TransOral endoscopic thyroidectomy - Hoon-Yub Kim (Korea)
- 17.00 - 17.15 Pros and Cons of minimally invasive parathyroidectomy - Aleksander Konturek (Poland)
- 17.15 - 17.30 How can ICG help avoid undesired events in endocrine surgery? - Michael Bouvet (USA)
- 17.30 - 17.45 The bleeding drama in right adrenalectomy - Adrian Park (USA)
- 17:45 - 17:52 **O206** - Ultrasound Guided Radiofrequency Ablation of Benign Thyroid Nodules - Key words - Radiofrequency, thyroid, ultrasound - Neha Shah - India

16.30 - 18.00 Scientific session

Sala 129 + 130

Stream: Technology

**S112 The hybrid surgeon**

Chairs: Kiyokazu Nakajima (Japan), Amir Szold (Israel)

- 16.30 - 16.45 Human-driven cognitive operating theatre - George Mylonas (UK)
- 16.45 - 17.00 AI and Robotics - control and planning, automation - Fanny Ficuciello (Italy)
- 17.00 - 17.15 Exploring autonomy in robotic colonoscopy - Pietro Valdastri (UK)
- 17.15 - 17.30 Imaging guided robotics - Danail Stoyanov (UK)
- 17.30 - 17.45 Integration for the next generation hybrid OR - Ludovica Baldari (Italy)
- 17:45 - 17:52 **O207** - The feasibility of using Design Thinking for creating surgical hands-on training models – Chi-Chuan Yeh, *G.Y. Chen, W.Y. Yeh, H.L. Lin, C.N. Chen* - Taiwan

16.30 - 18.00 Scientific session

Sala 131 + 132

Stream: General

**S113 Perioperative medicine: Prehabilitation**

Chairs: Carmen Balagué (Spain), Luis Sánchez-Guillen (Spain)

- 16.30 - 16.45 Prehabilitation. What evidence do we have? - Luis Sánchez-Guillen (Spain)



- 16.45 - 17.00 Prehabilitation of the frail patient. The most benefited? Differential aspects - Raquel Risco (Spain)
- 17.00 - 17.15 Prehabilitation as a part of an Enhanced Recovery Program - Liane Feldman (Canada)
- 17.15 - 17.30 Pelvic floor a target for pre and rehabilitation after rectal surgery? - Carmen Balagué (Spain)
- 17:30 - 17:37 **O208** - Body composition is a predictor for postoperative complications after gastrectomy for gastric cancer; a prospective side-study of the LOGICA-trial. - Thaís Tweed, A. van der Veen, S. Tummers, D. van Dijk, M. Luyer, G. Nieuwenhuijzen, J. Ruurda, R. van Hillegersberg, J. Stoot, LOGICA study group - The Netherlands
- 17.45 - 18.00 Exercise prehabilitation in patients preparing for colorectal cancer surgery - a critical evaluation of clinical feasibility - Anne Cuijpers (The Netherlands)

16.30 - 18.00 Free paper oral

Sala 133

Stream: Colorectal

### **S114 Laparoscopic colorectal surgery**

Chairs: Nicoló de Manzini (Italy), Francesco Maria Carrano (Italy)

- 16:30 - 16:37 **O209** - Rate of local recurrence in a cohort of 125 patients treated by transanal total mesorectal excision due to rectal cancer - Gioia Pozza, S. Gloor, R. Troller, M. Adamina - Switzerland
- 16:40 - 16:47 **O210** - 3D Virtual Reconstruction of Anatomy for Surgical planning in Rectal Cancer - Madalin Moraru, Silviu Daniel Preda, S. Patrascu, G. Gruionu, L.G. Gruionu, S. Maces, S. Ramboiu, D. Margaritescu, A. Goganau, D. Dumitrescu, M.V. Surlin - Romania
- 16:50 - 16:57 **O211** - Transanal Endoscopic Microsurgery after Endoscopic Polypectomy - Vasil Sotirov Kyosev, P. Ivanov, V. Mutafchiyski, G. Kotashev, K. Vasilev, G. Grigorov, D. Penchev, M. Gavrilov - Bulgaria
- 17:00 - 17:07 **O212** - Efficiency of the Robotic Platform in Sphincter Preservation in patients with Mid/Low Rectal Cancer - Thalia Petropoulou, P. Kitsanta, S. Amin - Greece
- 17:10 - 17:17 **O213** - Setting up a Specialized Robotic Colorectal Center for "high risk" patients in Greece; Our preliminary results. - Thalia Petropoulou, A. Polydorou - Greece
- 17:20 - 17:27 **O214** - Effect of the level of ligation of inferior mesenteric artery on functional outcomes in rectal resection: systematic review & meta-analysis. - Yegor Tryliskyy, CS. Wong, I. Demykhova, A. Kebkalo, V. Poylin - United Kingdom
- 17:30 - 17:37 **O217** - Colon Capsule Endoscopy versus Computed Tomographic Colonography for identifying Colorectal Cancer and Polyps: A systemic review and Meta-analysis - Ashutosh Gumber, G. Kumar, S. Narayanasamy, A.R. Aspari, V. Ramesh, K. Shalli - United Kingdom
- 17:40 - 17:47 **O216** - Function and Complication Outcomes of the Different Reconstructive Techniques After Radical Rectal Cancer Resection - Edoardo Forcignano, S. Pucciarelli, R. Cirocchi, R. Passera, M. Morino - Italy

18.00 - 19.00 Free paper video

Sala 112

Stream: Hernia, HPB, UGI

### **S115 Best videos Hernia diaphragmatic and reflux**

Chairs: Young-Woo Kim (Korea), George Theodoropoulos (Greece)

- 18:00 - 18:07 **V155** - Successful laparoscopic repair in acute traumatic diaphragmatic hernia - Rocío Pérez Quintero, *A. Ruano-Campos, I. Domínguez Serrano, E. Martín Antona* - Spain
- 18:10 - 18:17 **V156** - Laparoscopic repair of combined Gastric and Diaphragmatic Penetrating Injury - Juan Sebastian Malo Corral, *J. Hernandez Gutierrez, I. Fraile Alonso, A. Trinidad Borrás, A. Tebar Zamora* - Spain
- 18:20 - 18:27 **V157** - Laparoscopic approach to spontaneous diaphragmatic tearing - *Bakarne Ugarte-Sierra, Irune Vicente Rodríguez, N. Ortega Machón, R.A. Abad Alonso, R. Maniega Alba, F.J. Ibáñez Aguirre* - Spain
- 18:30 - 18:37 **V158** - Laparoscopic repair of strangulated obturator hernia at emergency situation- Our technique and tricks. (Video Case presentation). - Ahmed Elshaer - United Kingdom
- 18:40 - 18:47 **V159** - Laparoscopic Repair of an Spontaneous Esophageal Rupture with Concomitant Hiatal Hernia - Carmen Maillio-Oliva, *R. Camacho-Abreu, J. Lança, R. Lopes, N. Candeias, I. Claro, J. Sacadura-Fonseca, MJ. Oliveira* - Portugal
- 18:50 - 18:57 **V160** - Thoracoscopic Resection of Esophageal Diverticulum assisted by white light under ICG (Indocyanine Green) Mode - Salvador Morales-Conde, *A. Baeza-Carrion, L. Licardie, M. Socas, L. Lopez-Bernal, I. Alarcón-Del Agua* - Spain

18.00 - 19.00 Free paper video

Sala 111

Stream: Colorectal

### **S116 MIS colorectal cancer surgery**

Chairs: Nader Francis (UK), Samir Delibegovic (Bosnia Herzegovina)

- 18:00 - 18:07 **V161** - A locally advanced sigmoid cancer infiltrating adjacent organs - multivisceral laparoscopic resection. - Tomasz Wikar - Poland
- 18:10 - 18:17 **V162** - Negotiating the vasculature of the right colon when performing laparoscopic CME and CVL - the central role of pre-operative contrast CT scans - *Ken Campbell, Dorin Ziyaie, D. Porter, S. Sharma, A. Pazidis* - United Kingdom
- 18:20 - 18:27 **V163** - Complete vascular preservation of inferior mesenteric vein and artery (CoVaP) in left laparoscopic hemicolectomy for adenocarcinoma - Cecilia Ferrari, *L. Dova, B. Palermo, A. Filippelli, M. Saracco, A. Gennai, A. Cadeo, P. Bonfante, A. Bianco, C. Bianchi, S. Berti* - Italy
- 18:30 - 18:37 **V164** - Difficult Laparoscopic pelvic lymph node dissection following a dose of boost radiotherapy in a case of locally advanced rectal cancer - Vivek Sukumar, *A. Saklani, A. Desouza, M. Kazi, J. Gori* - India
- 18:40 - 18:47 **V165** - Simultaneous right colectomy and cholecystectomy with ICG immunofluorescence - *Teresa Vieira Caroco, Carlos Eduardo Costa Almeida, C.E. Costa Almeida, H. Louro, S. Graça, J. Vilaça* - Portugal
- 18:50 - 18:57 **V166** - Splenic Flexure Mobilisation, How to do it and how not to do it? - Mahmoud Abdel-dayem, *H. Bakr, A. Wagstaff, A. Masoud* - United Kingdom

18.00 - 19.00 Free paper video

Sala 118 + 119

Stream: Solid organs/Endocrine/Miscellaneous

**S117 Tips and tricks in laparoscopic cholecystectomy**

Chairs: Ahmad Nassar (UK), Victor Tomulescu (Romania)

- 18:00 - 18:07 **V167** - Laparoscopic common bile duct exploration guided by intragallbladder injection of indocyanine green. - Roser Termes-Serra, C. Ginestà, V. Holguín, A. Torroella, R. García, C. Fondevila - Spain
- 18:10 - 18:17 **V168** - Kimura technique by laparoscopic approach - Bakarne Ugarte-Sierra, Irune Vicente Rodríguez, N. Ortega Machón, A. Cervero Ibiricu, A. Sanz Larrainzar, L. García Bruña, R. Maniega Alba, F.J. Ibáñez Aguirre - Spain
- 18:20 - 18:27 **V169** - Robotic-Assisted Extraction of large CBD stones and Choledochoduodenostomy - Eli Kakaishvili - Israel
- 18:30 - 18:37 **V170** - Combined Laparoscopic Cystogastrostomy and Cholecystectomy: A Case Report and Review of Current Operative Management - Alexandrina Braniste, H.L. Chong, P. Sodde, A. Jamil, A.N. Wilson, M.A. Khan, A. Warsi - United Kingdom
- 18:40 - 18:47 **V171** - Identification of Biliary Anatomic Variations Using Indocyanine Green Fluorescence (ICG-FGS) in Laparoscopic Cholecystectomy - Ariel de Jesús Martínez Oñate - Mexico
- 18:50 - 18:57 **V172** - Robotic-Assisted complete excision of Type I Choledochal Cyst and Roux-An-Y Hepaticojejunostomy - Eli Kakiashvili - Israel

18.00 - 19.00 Free paper video

Sala 120 + 121

Stream: Colorectal

**S118 MIS colorectal surgery**

Chairs: Dorin Popa (Sweden), Dusan Lesko (Slovakia)

- 18:00 - 18:07 **V178** - Emergency laparoscopic subtotal colectomy for IBD - a three stage approach with trainee operating - Ken Campbell, Ramy Shaalan, - United Kingdom
- 18:10 - 18:17 **V174** - Laparoscopic Treatment of Acute Appendicitis in Pregnancy - Juan Sebastian Malo Corral, J. Fraile Alonso, Z. De Julian Fernandez, J. Hernandez Gutierrez, A. Trinidad Borrás - Spain
- 18:20 - 18:27 **V175** - Association of Personal Health Profile Score and Indocyanine Green Test to Prevent Adverse Outcome And Anastomotic Leakage In Elderly Patients - Andrea Costanzi, M.M. Monteleone, L.A. Locatelli, C.G. Colletti, F.C. Frattaruolo, G.L. Gallitiello, C.M. Confalonieri - Italy
- 18:30 - 18:37 **V176** - Natural orifice surgery can be less controversial in selected cases! - Mahmoud Abdel-dayem, H. Bakr, A. Wagstaff, A. Masoud - United Kingdom
- 18:40 - 18:47 **V177** - Pouch Preservation in case of Vascular Complications in One-Stage Ileal Pouch Anal Anastomosis (IPAA) Surgery - Carolina González-Abós, Y. Guzmán, AM. Otero, R. Bravo, AM. Lacy - Spain

18.00 - 19.00 Free paper video

Sala 122 + 123

Stream: Solid organs/Endocrine/Miscellaneous

**S119 Pancreatic surgery**

Chairs: Konstantinos Tsalis (Greece), Mariëlle Coolsen (The Netherlands)

18:00 - 18:07 **V179** - Robotic pancreaticoduodenectomy (RPD) for pancreatic adenocarcinoma. The pancreatico-gastric anastomosis: technical details. - Graziano Ceccarelli, F. Ermili, L. Amato, M. De Rosa, W. Bugiantella, L. Mariani, A. Bartoli, A. Tassi - Italy

18:10 - 18:17 **V180** - Robot assisted pancreato-duodenectomy for PDAC in a ninety-year-old patient - Niccolò Furbetta, Matteo Palmeri, S. Guadagni, D. Gianardi, G. Di Franco, M. Bianchini, A. Comandatore, V. Pucci, LM. Fatucchi, G. Boni, F. Vagelli, G. Di Candio, L. Morelli – Italy

18:20 - 18:27 **V184** - Robotic Approach in the resective phase of Cephalic Pancreaticoduodenectomy - Fernando Acebes-García, D. Pacheco-Sánchez, P. Pinto-Fuentes, E. Choolani-Bhojwani, P. Marcos-Santos, A.D. Bueno-Cañones, S. Veleda-Belanche, M. Toledano-Trincado - Spain

18:30 - 18:37 **V182** - Robotic Approach in the reconstructive phase of Cephalic Pancreaticoduodenectomy - Fernando Acebes-García, D. Pacheco-Sánchez, P. Pinto-Fuentes, E. Choolani-Bhojwani, P. Marcos-Santos, AD. Bueno-Cañones, S. Veleda-Belanche, M. Toledano-Trincado - Spain

18:40 - 18:47 **V183** - Anatomical Landmarks, Tips and Tricks of Laparoscopic “Splitted” Total Pancreatectomy for Chronic Pancreatitis - Andrea Coppola, M. De Capua, N. Pirozzi, C. Caricato, R. Peltrini, E. Pontecorvi, V. Silvestri, U. Bracale, F. Corcione – Italy

18.00 - 19.00 Free paper oral

Sala 124 + 125

Stream: UGI

**S120 Upper GI rare diseases**

Chairs: Sheraz Markar (UK), György Lázár (Hungary)

18:00 - 18:07 **O218** - Use of polypropylene strips for reinforcement of the cruroplasty in laparoscopic paraesophageal hernia repair: a retrospective cohort study - Matthijs Van den Dop, G. De Smet, A. Mamound, J. Lange, B. Wijnhoven, W. Hueting - The Netherlands

18:10 - 18:17 **O219** - Promising results in the treatment of a tracheoesophageal fistula with autologous Obsidian® Regenerative Fistula Treatment BioMatrix? - Antonia Gantschnigg, O.O. Koch, J. Holzinger, K. Emmanuel - Austria

18:20 - 18:27 **O220** - Quality of Life and symptom assessment in para-esophageal hernias; a systematic literature review of reporting standards - Nikhil Patel, A. Puri, V. Sounderajah, L. Ferri, E. Griffiths, D. Low, N. Maynard, C. Mueller, M. Pera, M. van Berge Henegouwen, D. Watson, G. Zaninotto, G. Hanna, S. Markar - United Kingdom

18:30 - 18:37 **O223** - Laparoscopic transhiatal approach for the benign duplex tumors of the distal oesophagus - Attila Paszt, L. András, A. Ottlakán, Zs. Simonka, Z. Szepes, Gy. Lázár - Hungary

18:40 - 18:47 **O222** - The treatment of Zenker diverticulum with flexible endoscopy: preliminary experience from a single center - Laura Fortuna, *A. Bottar, C. Agostini, D. Bisogni, R. Manetti, F. Coratti, F. Cianchi, F. Staderini* - Italy

18.00 - 19.00 Free paper oral

Sala 127 + 128

Stream: Technology, General

**S121 Technical aspects to improve your surgical outcome**

Chairs: Thomas Carus (Germany), Juan Sánchez-Margallo (Spain)

18:00 - 18:07 **O224** - Optimizing surgical video annotation for artificial intelligence by majority voting of multi-rater-annotations. - Jonathan Zhiyuan Chen, *A. Schulze, P. M. Scheikl, B. K. Müller, M. Capek, T. Davistashvili, P. A. Petrynowski, S. Bodenstedt, L. Maier-Hein, S. Speidel, F. Nickel, F. Mathis-Ullrich, B. P. Müller-Stich, M. Wagner* - Germany

18:10 - 18:17 **O225** - Carbon dioxide load of intra-abdominal insufflation in porcine laparoscopy - Willem van Weteringen, *F. Sterke, R. Wijnen, J. Vlot, J.. Dankelman* - The Netherlands

18:20 - 18:27 **O226** - The effect of neuromuscular blockade on surgical workspace in experimental laparoscopy. - Frank Sterke, *W. van Weteringen, P.A. van der Zee, R.M.H. Wijnen, J. Vlot* - The Netherlands

18:30 - 18:37 **O227** - Tailored ICG Fluorescence-guided lymphadenectomy during robotic colorectal surgery: interim analysis of a prospective observational monocentric study - Domenico Lo Conte, *A. Mellano, V. Segà, F. Mento, T. Staiano, D. Riberò, G. Spinoglio* - Italy

18:40 - 18:47 **O228** - Laparoscopic three-dimensional vs 2D ventral rectopexy for rectocele and rectal prolapse correction: a prospective, randomized, single center study. - Alexander Khitaryan, Anastasiya Golovina, *A. Golovina, A. Alibekov, S. Kovalev, N. Romodan, I. Chepurnaya, D. Shimchenko* - Russia

18:50 - 18:57 **O276** - Real-time detection of intestinal perfusion deficits using laparoscopic laser speckle contrast imaging: Evaluation in an experimental porcine model - Wido Heeman, Aurelia Wildeboer, *A.C.L. Wildeboer, M. Al-Taher, J.E.M. Calon, L.P.S. Stassen, M. Diana, J.P.M. Derikx, G.M. van Dam, E.C. Boerma, N.D. Bouvy* - The Netherlands

18.00 - 19.00 Free paper oral

Sala 129 + 130

Stream: General

**S122 Emergency surgery**

Chairs: Selman Uranüs (Austria), Predag Andrejevic (Malta)

18:00 - 18:07 **O232** - Robot-assisted treatment of epigastric hernias with a suprapubic approach - Francesco Mongelli, *R. Pini, M. Di Giuseppe, JMA. Toti, M. Marcantonio, S. Spampatti, D. La Regina* - Switzerland

18:10 - 18:17 **O231** - Dilemma Of Testicular Torsion: A Single Centre Experience - Mohamed Salama, *W. Shabo, Mahmoud Salama, B. Sami, I. Ahmed, A.R. Nasr, S. El Masry* - Ireland

18:20 - 18:27 **O235** - Interval Appendectomy In The Era With Effective Antibiotics, Modern CT And Laparoscopy: A single Irish Centre Experience & Literature Review - *Mohamed Salama, Farah Kazi, F. Kazi, Mahmoud Salama, B. Sami, A.R. Nasr* - Ireland

18:30 - 18:37 **O233** - Is laparoscopic appendectomy safe enough during all trimesters of pregnancy? - *Baris Mantoglu, E. Gonullu, F. Altintoprak* - Turkey

18:40 - 18:47 **O230** - Laparoscopic Treatment also improves Recurrence Rate in Grade II and III Adhesive Small Bowel Obstruction - *Francesco Roscio, F.C. Clerici, I.S. Scandroglio* - Italy

18.00 - 19.00 Free paper oral

Sala 131 + 132

Stream: Technology

### **S123 Pinnacle of MIS surgery**

Chairs: Francesco Maria Carrano (Italy), Fanny Ficuciello (Italy)

18:00 - 18:07 **O236** - The Medrobotics Platform Flex Robot<sup>®</sup> for transanal surgery - *Alberto Arezzo, Edoardo Forcignanò* - Italy

18:10 - 18:17 **O239** - Animal validation of a new single-incision device for Flexible-Single-Incision-Surgery. - *José Noguera, Alba Gomez, L. Garcia, L. Castro, J. Garcia, M. Taboada* - Spain

18:20 - 18:27 **O241** - Comparison across Robotic Natural Orifice IntraCorporeal Anastomosis with Transrectal Extraction (NICE) and Minimally Invasive Extracorporeal Anastomosis (ECA) - *Eric M Haas, Thais Reif de Paula, T. Reif de Paula, R. Luna-Saracho, J.I. Ortiz De Elguea-Lizarraga, M.S. Smith, R. Secchi, J.P.J. LeFave* - USA

18:30 - 18:37 **O238** - Evaluating Surgeons' Experiences of Virtual Clinics During the COVID-19 Pandemic. - *Alexander Bush, M. Madanur, M. Goh, S. Sinha* - United Kingdom

18:40 - 18:47 **O240** - Early clinical adoption of a flexible robotic endoscope for rectal lesions: evolving technology, perfectible results - *Edoardo Forcignano, A. Arezzo, M. Morino* - Italy

18.00 - 19.00 Free paper oral

Sala 133

Stream: Colorectal

### **S124 Colorectal MIS**

Chairs: Kenneth Campbell (UK), Silviu Daniel Preda (Romania)

18:00 - 18:07 **O242** - Safety of Transanal Endoscopic Microsurgery in rectal polyps excision after attempt of endoscopic removal - *Monica Ortenzi, E. Forcignanò, A. Arezzo, G. Pentassuglia, F. Marinucci, R. Ghiselli, M. Morino, M. Guerrieri* - Italy

18:10 - 18:57 **O247** - Quantitative analysis of 18FDG-PET/MRI to assess pathological complete response following neoadjuvant radiochemotherapy in locally advanced rectal can - *Valentina Ferri, E. Vicente, Y. Quijano, H. Duran, E. Diaz, I. Fabra, R. Caruso, L. Malave, R. Agresott, P. Ruiz, G. De Nobili, V. Nola* - Spain

- 18:20 - 18:27 **O244** - Early Inflammatory Biomarkers as Predictive Factors for Freedom from Infection after Colorectal Cancer Surgery: A Prospective Cohort Study - Maria Sousa, *P. Leão, A. Goulart* - Portugal
- 18:30 - 18:37 **O245** - Impact of enhanced recovery after surgery (ERAS) program on clinical outcomes after elective colorectal surgery in a rural hospital. - Antonio Pesce, *M. Portinari, N. Fabbri, V. Sciascia, L. Uccellatori, L. Sattin, M. Vozza, E. Righini, C.V. Feo* - Italy
- 18:40 - 18:47 **O246** - C-reactive protein following major abdominal surgery in daily practice - Victor Plat, *D. Voeten, F. Daams, D.L. van der Peet, J. Straatman* - The Netherlands
- 18:50 - 18:57 **O243** - Impact of tumor location in early-onset colorectal cancer : analysis of 344 patients in a tertiary center - Caterina Foppa, *S. Tamburello, A. Maroli, F. Carrano, M. Carvello, A. Spinelli* - Italy

20.00 hrs congress party

### Saturday, 27<sup>th</sup> November 2021

#### **HO4.** Laparoscopic bile duct exploration Choledochoscopy

Course directors: Ahmad Nassar (UK) & Jaime Vilaça (Portugal)

Tutor: Rosa Jorba (Spain)

Whole day 09.00 - 17.00

Sala 118+119

#### **HO5.** Ultrasound

Course director: Calin Tiu (Romania), Andreas Melzer (Germany)

Whole day 09.00 - 17.00

Sala 120+121

This program is designed for a number of 30 participants and for four modules that will take place simultaneously.

- Abdominal Ultrasound
- US Guided Procedures
- eFAST (Trauma)
- Intraoperative Ultrasound

Tutors:

- Stavros Antoniou, Cyprus, Abdominal
- Ciprian Duta, Romania, Abdominal
- Valeriu Surlin Romania, Abdominal
- Alexandru Carap, Romania, eFAST
- Bogdan Socea Romania, eFAST
- Gerald Filip, Romania, Guided Puncture
- Vasile Bintintan, Romania, Guided Puncture
- Andrei Keidar, Israel, Guided Puncture
- Florin Botea (Romania), Intraoperative
- Oriana Elena Moraru, Romania, Vascular Doppler
- Elisei Radu (Romania), guided module