

Official program

13th INTERNATIONAL NOTES-WIDER-BARCELONA

NATURAL ORIFICE TRANSLUMINAL ENDOSCOPIC SURGERY



HOSPITAL UNIVERSITARI VALL D'HEBRON I L'INSTITUT DE RECERCA
DIPARTIMENTO DI DISCIPLINE CHIRURGICHE. UNIVERSITÀ DI GENOVA
UCM HOSPITAL CLÍNICO UNIVERSITARIO SAN CARLOS. MADRID

Advanced Endoluminal and Surgical Endoscopy Endoscopic Cooperative Surgery DISCUSSION FORUM

wider-barcelona.org

November 25 and 26, 2019

Paseo de la Vall d'Hebron, 119-129 • 08035 Barcelona • Tel. 93 274 61 00
Institut Catalán de la Salut • Hospital Universitario Vall d'Hebron. UAB



**VENUE: Auditorium of the Teaching Pavilion
HOSPITAL UNIVERSITARI VALL D'HEBRON**

Passeig de la Vall d'Hebron 119-129, Barcelona 08035

Two operating rooms of experimental surgery, located in the ground floor
of the Institut of Refence of the Vall d'Hebron University Hospital.

Endoscopy rooms

SECRETARY'S OFFICE: Ediciones MAYO S.A.

REGISTRATION: lauragimenez@edicionesmayo.es

FREE ACCESS TO FILL SEATS BY ORDER OF REGISTRATION

ALSO FOR RESIDENT DOCTORS



DIRECTORS

José Ramón Armengol-Miró, Manuel Armengol Carrasco, Antonio José Torres García and Joan Dot Bach

COORDINATORS

Jorge Olsina, Joaquim Balcells, Monder Abu Suboh Abadia and Jordi Armengol Bertrolí

COORDINATORS

Miquel Masachs Perecaula, Ana Benages and M^a. Dolores Castillo Cejas

DESCRIPTION

The 13th **International NOTES-WIDER-Barcelona** course has a two days program. It has a double activity stream. One theoretical composed of conferences about hot topics relating **NOTES**, and a practical one, performed by a team made of the organising staff and guest professors in two experimental surgery rooms, located in the ground floor of the **Institut de Recerca of the Hospital Universitari Vall d'Hebron**, including video broadcasting to the Auditorium of the Teaching Pavilion of the Hospital Universitari Vall d'Hebron.

The course is approved by the **Vall d'Hebron Hospital CEEA** (Animal experimentation ethical committee).

Created on Jan 8 1998, **CEEA** was created to look after the health of experimentation animals. Its functions are, amongst others: To inform about experiments, remove the unnecessary suffering and provide humanitarian euthanasia, and guarantee that all the legal and ethical norms relate to experimentation with animals are being followed.

Realized with the support and strength of the **WIDER-Barcelona, Hospital Universitari Vall d'Hebron** (Universitat Autònoma de Barcelona), **Institut de Recerca of the Hospital Universitari Vall d'Hebron** and **OLYMPUS EUROPA SE & CO** and the collaboration of the **Obra Social de la Fundació "la Caixa"**.

The course is aimed at gastroenterologists, clinical endoscopists and surgeons who feel curious and interested in the benefits that **CETON** (Natural orifice transluminal endoscopic surgery) and therapeutic interventionist techniques related to it (**TETON**), represent for the immediate future.

Transmission of cases from the rooms of the Institute de Recerca and Digestive Endoscopy Service of H.U.V.H. with interactive discussion with the auditorium of the Educational Pavilion H.U.V.H. between the Teams of the Chambers and Panel Discussion.

Demonstrations of anesthesia techniques, intubation. Anastomosis, transgastric Cholecystectomy, transvaginal, pancreatectomy, appendectomy and techniques for orifice closing. ERCP and support echoendoscopy and therapeutic. Mediastinum access, POEM, LECS, etc.



J. R. Armengol-Miró



M. Armengol Carrasco



A. J. Torres García



J. Dot Bach

OBJETIVES

- Understand and assess the possibilities, technical limitations and instrumental of NOTES today.
- Become familiar with the instrumental and learning in the Animal Laboratory.
- Assess the technical difficulties in developing different applications.
- Learn and understand the anatomical variants during live broadcasts.
- Understanding the possible selection of candidates in the future.
- Understand the different ways of approach transluminal.
- Understand and evaluate the different possibilities of combined procedures.
- Review the various possibilities of application in Ethics Committees of each center.

SPONSORED BY

SOCIETAT CATALANA MÈDICO-QUIRÚRGICA DE ENDOSCOPIA DIGESTIVA

FUNDACIÓN ESPAÑOLA DE ENDOSCOPIA DIGESTIVA

SOCIEDAD ESPAÑOLA MÈDICO-QUIRÚRGICA DE ENDOSCOPIA DIGESTIVA

WIDER-Barcelona

(WORLD INSTITUTE FOR DIGESTIVE ENDOSCOPY RESEARCH)

Teaching activity accredited by the Consell Català de Formació Continuada de les Professions Sanitàries-Comisión de Formación Continuada del Sistema Nacional de Salud.
Register number: 09/026423-MD. Credits: 2,0





World Institute for Digestive Endoscopy Research-Barcelona NOTES Team

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Joaquín Balsells

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Joan Dot Bach

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Miquel Masachs

Jordi Armengol Bertrolí

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M. Dolores Castillo Cejas

Jorge Guevara Cubas

Denise Sihuyay di Burga

Jaume Boix

Manuel Morales

Vicente Zanón

Jordi Pradell

Ramón Boque

Sandra Castro

José Antonio Baena

José Manuel Fort

Oscar González

Eloy Espin Martí

Francesc Vallribera

Jose Luis Sanchez

Jose Luis Lázaro

International

Sergey Kantsevoy

Per-Ola Park

Irving Waxman

Naohisa Yahagi

Kiyokazu Nakajima

Luis Carlos Sabbagh

Nageshwar Reddy

Abraham Mathew

Louis de Giau

Guillermo Domínguez

Lenardo Sosa

Sha, Weihong

Manoel Galvão Neto

Department of Surgery Hospital Universitari Vall d'Hebron

Urology Service

Juan Morote Robles

Institut de Recerca Hospital Universitari Vall d'Hebron

Marta Rosal

Marielle Esteves

Carla Fonseca

Alejandro Rojo

13th INTERNATIONAL NOTES-WIDER-BARCELONA

INVITED SPEAKERS

Abu Suboh, Monder (Spain)
Ahmed, Robin (P.R. China)
Al Haddad, Mohammad (USA)
Alonso Aguirre, Pedro (Spain)
Alonso Maillo, Germán (Spain)
Armengol Bertrolí, Jordi (Spain)
Armengol Carrasco, Manuel (Spain)
Armengol Miró, José Ramón (Spain)
Baena, José Antonio (Spain)
Balalykin, Aleksey (Russia)
Balibrea, J. M. (Spain)
Balsells, Joaquín (Spain)
Baptista, Alberto (Venezuela)
Benages, Ana (Spain)
Boix Valverde, Jaume (Spain)
Boqué Genovard, Ramón (Spain)
Brijak, Jadranka (Croatia)
Bulajic, Milutin (Serbia)
Burdyukov, Mikhail (Russia)
Cacho Acosta, Guillermo (Spain)
Carilli, Senol (Turkey)
Castillo Begines, Enrique (Spain)
Castillo Cejas, M.^a Dolores (Spain)
Castro, Sandra (Spain)
Charco, Ramón (Spain)
Cordova, José (Mexico)
Conigliaro, Rita (Italy)
Cugat, Esteban (Spain)
De Giau, Louis (Mexico)
De la Iglesia, Manuel (Spain)
De la Morena Madrigal, Emilio (Spain)
De, Suvranu (USA)
Diana, Michele (France)
Domínguez, Guillermo (Argentina)

Dot Bach, Joan (Spain)
Dzhantukhanova, Seda (Russia)
El-Khattabi, Mohamed (Morocco)
Escourrou, Jean (France)
Espín, Eloy (Spain)
Espinel Díez, Jesús (Spain)
Esteves, Marielle (Spain)
Fogel, Roberto (USA/Venezuela)
Fonseca, Carla (Spain)
Fort, José Manuel (Spain)
Frascio, Marco (Italy)
Galofré, Gonzalo (Spain)
Galloro, Giuseppe (Italy)
García-Cano Lizcano, Jesús (Spain)
Giménez, Mariano E. (Argentina)
González, Oscar (Spain)
Gupta, Rajesh (India)
Gusev, Denis (Russia)
Hani, Albis (Colombia)
Hassan, Cesare (Italy)
Hustak, Rastilav (Czech Republic)
Ivantcova, Marina (Russia)
Kantsevov, Sergey (USA)
Kashin, Sergey (Russia)
Kong, Ling-Jian (P.R. China)
Krajciová, Jana (Czech Republic)
Landolfi, Estefanía (Spain)
Laporte, Enric (Spain)
Larrea, Pedro (Peru)
Li, Deliang (P.R. China)
Li, Quanlin (P.R. China)
Lindado, Campo Elías (Venezuela)
Liu, Bing-Rong (P.R. China)
Liu, Li (P.R. China)



- Liu, Xiang** (P.R. China)
López, Manuel (Spain)
Martí, Marc (Spain)
Martinek, Jan (Czech Republic)
Martínez Alcalá, Felipe (Spain)
Martínez-Alcalá García, Álvaro (Spain)
Masachs, Miquel (Spain)
Menchén Fernández-Pacheco, Pedro (Spain)
Montori, Alberto (Italy)
Morales Gordo, Manuel (Spain)
Mulet Zayas, Octavio (Spain)
Muñoz Navas, Miguel (Spain)
Naval, Javier (Spain)
Noguera, José F. (Spain)
Olmedo, José (Spain)
Olsina Kissler, Jorge J. (Spain)
Ortiz, Jesús (Paraguay)
Panadés Arán, Agustín (Spain)
Paulov, Alexey (Russia)
Pellicer Bautista, Francisco (Spain)
Pérez Roldán, Francisco (Spain)
Piñeiro, Eduardo (Mexico)
Pou Fernández, Juan M.^a (Spain)
Pradell, Jordi (Spain)
Rocamora Serra, Juan (Spain)
Rodríguez Galván, Adriana (Mexico)
Rodríguez Muñoz, Sarbelio (Spain)
Rodríguez Sánchez, Eduardo (Spain)
Rojas, Fernando (Mexico)
Rojo, Alejandro (Spain)
Rosal, Marta (Spain)
Rustemovic, Nadan (Croatia)
Sabbagh, Luis Carlos (Colombia)
Sáenz Coromina, Alejandro (Spain)
Sáenz Fuenzalida, Roque (Chile)
Salord Osses, José C. (Spain)
Salas, Nereo Guillermo (Mexico)
Sánchez, José Luis (Spain)
Segal, Eduardo (Argentina)
Shumkina, Lada (Russia)
Song, Ji Tao (P.R. China)
Sosa, Leonardo (Venezuela)
Spicak, Julius (Czech Republic)
Starkov, Yury (Russia)
Stavropoulos, Stavros (USA)
Torres García, Antonio J. (Spain)
Trías i Folch, Manuel (Spain)
Valdovinos Andraca, Francisco (Mexico)
Vallribera Valls, Francesc (Spain)
Valverde, Claudia (Spain)
Veloso Veloso, Enrique (Spain)
Vidal, Oscar (Spain)
Vila Costa, Marta (Spain)
Vilallonga, Ramon (Spain)
Villalobos, Rafael (Spain)
Xu, Mei-Dong (P.R. China)
Yahagi, Naohisa (Japan)
Yamamoto, Shunsuke (Japan/Sweden)
Zanón Navarro, Vicente (Spain)
Zhang, Deyu (P.R. China)
Zhang, Xiaoguang (P.R. China)
Zhining, Fan (P.R. China)
Zilli, Maurizio (Italy)
Zhou, Ping-Hong (P.R. China)
Zhou, Siran (P.R. China)
Zucchi, Elena (Italy)

13th INTERNATIONAL NOTES-WIDER-BARCELONA

SCIENTIFIC PROGRAM: **Monday, November 25, 2019**

Auditorium of the Teaching Pavilion HOSPITAL UNIVERSITARI VALL D'HEBRON

08:30 **Registration**

08:45-09:00 **Presentation**

José Ramón Armengol-Miró (Spain),
Manuel Armengol Carrasco (Spain),
Antonio J. Torres García (Spain), Joan Dot
(Spain) y Alexey Paulov (Russia)

09:00-10:15 **Session 1 - NOTES** **Present and future**

EXPERIMENTAL NOTES

PRESIDENTS

Manuel Armengol Carrasco (Spain),
Marco Frascio (Italy), Liu Bing-Rong (P.R. China) y
Yury Starkov (Russia)

MODERATORS

Pedro Alonso Aguirre (Spain), Jean Escorrou
(France), Eduardo Segal (Argentina), Zhang
Xiaoguang (P.R. China), Maurizio Zilli (Italy)
y Felipe Martínez Alcalá (Spain)

- Teamwork of medical staff as a guarantee of quality and safety in endoscopy.
Marina Ivantcova (Russia)
- Endoscopic treatment of different complications of endoscopic resection.
Mei-Dong Xu (P.R. China)
- News in Development of a virtual reality simulator for endoscopic submucosal dissection. Suvrano De (USA)
- Endoscopic lymph node detection and resection: a new revelation of endoscopic therapy. Robin Ahmed (P.R. China)
- Técnicas de sutura endoscópica; pasado, presente y futuro. A propósito de prototipos y patentes.
Álvaro Martínez-Alcalá García (Spain)

10:15-10:45 **Special lecture**

New advances in EFTR.

Ping-Hong Zhou (P.R. China)

10:45-11:00 **Official Opening**

PRESIDENTS

José Ramón Armengol-Miró (Spain),
Manuel Armengol Carrasco (Spain),
Antonio J. Torres García (Spain),
Alexey Paulov (Russia) y Joan Dot (Spain)

11:00-11:30 **Conference**

New endoluminal therapeutic platform:
results of the first 500 colonic interventions.
Sergey Kantsevoy (USA)

11:30-12:00 *Coffee break*

12:00-12:30 **Actuality Masterly Conference**

PRESIDENTS

José Ramón Armengol-Miró (Spain),
Manuel Armengol Carrasco (Spain),
Antonio J. Torres García (Spain) y Joan Dot
(Spain)

MODERATORS

Liu Bing-Rong (P.R. China), Alberto Montori (Italy),
Sandra Castro (Spain), Maurizio Zilli (Italy),
Emilio de la Morena (Spain), Francisco Pellicer
(Spain) y Enrique Castillo Begines (Spain)

ADVANCES IN NOTES

- Endoscopic intervention for pediatric esophageal stricture and fistula.
Li Liu (P.R. China)
- Potential implementation of virtual biopsy and robotics in gastroenterology.
Nadan Rustemovic (Croatia)



Session 2

12:30-13:15 Live Session

Session with video transmission from the Research Institut and Clinical Department Working Group (Access and locking, tunneling techniques, myotomy, gastric reduction and others)

Teams Salas: Zhang Xiaoguang (P.R. China), Jorge Olsina (Spain), Juan Dot (Spain), Sergey Kantsevov (USA), Monder Abu Suboh (Spain), Marta Rosal (Spain), Marielle Esteves (Spain), Carla Fonseca (Spain), Alejandro Rojo (Spain), Liu Bing-Rong (P.R. China), Fan Zhining (P.R. China), Milutin Bulajic (Serbia), Giuseppe Galloro (Italy), Guillermo Domínguez (Argentina), Nereo Guillermo Salas (Mexico), Jordi Armengol Bertoli (Spain), Stavros Stavropoulos (USA), Eduardo Rodríguez, Sánchez (Spain) y Pedro Larrea (Peru)

Moderadores e invitados a la discusión:

José C. Salord Osés (Spain), Jean Escourrou (France), Song Ji-Tao (P.R. China), Roberto Fogel (USA/Venezuela), Jesús Ortiz (Paraguay), Deyu Zhang (P.R. China), Enrique Castillo Begines (Spain), Mohamed El-Khattabi (Morocco), Maurizio Zilli (Italy), Manuel de la Iglesia (Spain) y Siran Zhou (P.R. China)

13:15-14:15 EXPERIMENTAL and CLINICAL NOTES

PRESIDENTS

Manuel Armengol Carrasco (Spain), Marco Frascio (Italy), Liu Bing-Rong (P.R. China), Miguel Muñoz Navas (Spain) y Pedro Alonso Aguirre (Spain)

MODERATORS

Joaquin Balsells (Spain), Enrique Veloso (Spain), Senol Carilli (Turkey), Guillermo Cacho Acosta (Spain), Eduardo Piñeiro (Mexico) y Yury Starkov (Russia)

Masterly Conference

- If ERCP fails, what next? Rajesh Gupta (India)
- Evolution of endoscopic treatment of biliary strictures in patients with liver transplantation. Milutin Bulajic (Serbia)
- Submucosal Tunneling Endoscopic Resection (STER): applications, training and challenges. Mei-Dong Xu (P.R. China)
- Evaluación del espacio linfovascular por ultrasonido endoscópico: una nueva dimensión histológica y óptica. Leonardo Sosa Valencia (Venezuela)

Discussion guests. Gonzalo Galofré (Spain), Louis De Giau (Mexico), Manuel Trias i Folch (Spain), Alejandro Sáenz Coromina (Spain), Juan Rocamora Serra (Spain), Marco Frascio (Italy), Albis Hani (Colombia), Elena Zucchi (Italy) y Guillermo Cacho Acosta (Spain)

14:15-15:15 Lunch and video transmission from the Research Institut

Transmission of cases from the rooms of the Institute de Recerca with interactive discussion with the auditorium of the H.U.V.H. between the Teams Salas and Panel Discussion.

Teams Sala: Zhang Xiaoguang (P.R. China), Jorge Olsina (Spain), Sergey Kantsevov (USA) Joan Dot (Spain), M. Abu Suboh (Spain), Marta Rosal (Spain), Marielle Esteves (Spain), Carla Fonseca (Spain), Alejandro Rojo (Spain), Song Ji-Tao (P.R. China), Guillermo Domínguez (Argentina), Nereo Guillermo Salas (Mexico) y Pedro Larrea (Peru)

Discussion guests: Joaquim Balsells (Spain), Juan Rocamora (Spain), José Carlos Salord Osés (Spain), Enrique Castillo Begines (Spain), Sergey Kashin (Russia), Fernando Rojas (Mexico), Eduardo Segal (Argentina), Jesús Ortiz (Paraguay), Campo Elias Lindado (Venezuela) y José Ramón Armengol-Miró (Spain)

13th INTERNATIONAL NOTES-WIDER-BARCELONA

15:15-15:45 **Special lecture**

MODERATORS

José Ramón Armengol-Miró (Spain), Manuel Armengol Carrasco (Spain), Antonio J. Torres (Spain), Sergey Kantsevov (USA) y Sarbelio Rodríguez (Spain)

Endoscopic Full Thickness Resection Techniques.
Stavros Stavropoulos (USA)

15:45-17:45 **Disputes between
Endoscopic Surgery and
Endoluminal Endoscopy**

MODERATORS

Joaquín Balsells (Spain), Enrique Veloso (Spain), Senol Carilli (Turkey), Francisco Pellicer (Spain), Felipe Martínez Alcalá (Spain) y Yury Starkov (Russia)

- Endoscopic treatment of superficial duodenal neoplasia. Naohisa Yahagi (Japan)
- Adenocarcinoma of the Duodenum: Surgical or Endoscopic treatment?
Alberto Montori (Italy)
- An update on G-POEM: An efficacy and quality of life of life perspective?
Mohammad Al Haddad (EE. UU.)
- POEM Long Term Outcomes and Technique Evolution. Stavros Stavropoulos (USA)
- Current status of Endoscopic resection of GI subepithelial tumors. Mei-Dong Xu (P.R. China)
- Endoscopic treatment of gastroparesis.
Rastilav Hustak (Czech Republic)

Special Conferences

The advances of endoscopic treatment of early esophageal carcinoma and precancerous lesions.
Mei-Dong Xu (P.R. China)

When is the esophageal cancer too advanced for endoscopic treatment.

Jana Krajciová (Czech Republic)

Discussion guests: Gonzalo Galofré (Spain), M. Trias i Folch (Spain), Siran Zhou (P.R. China), Marco Frascio (Italy), Louis De Giau (Mexico), Pedro Menchén (Spain) y Albis Hani (Colombia)

17:45-18:15 **Coffee break**

18:15-19:30 **SIMPOSIO: Endoluminal endoscopy and EUS Joint venture**

PRESIDENTS

Pedro Alonso Aguirre (Spain), Alberto Montori (Italy), Sandra Castro (Spain), Maurizio Zilli (Italy), Ramón Charco (Spain), Enric Laporte (Spain)

MODERATORS

Francisco Pellicer (Spain), Joaquín Balcells (Spain), Louis De Giau (Mexico), Leonardo Sosa (Venezuela), Marta Vila Costa (Spain) y Song Ji-Tao (P.R. China)

- 25 años de Colangiopancreatografía retrógrada endoscópica (CPRE) en el Hospital Virgen de la Luz de Cuenca. Jesús García-Cano Lizcano (Spain)
- Eus from present to future.
Luis Carlos Sabbagh (Colombia)
- La nueva forma de hacer Ultrasonido Endoscópico: Googl-EUS navigation.
Leonardo Sosa Valencia (Venezuela)
- RFA in pancreatic biliary diseases - current status.
Rajesh Gupta (India)
- Endoscopic ultrasound-guided gastroenterostomy. Xiang Liu (P.R. China)

Discussion guests: Agustín Panadés Arán (Spain), Manuel Morales Gordo (Spain), Emilio De la Morena Madrigal (Spain), Sergey Kashin (Russia), Campo Elías Lindado (Venezuela), José Olmedo (Spain), Albis Hani (Colombia), Mohamed El-Khattabi (Morocco) y Milutin Bulajic (Serbia)



Monday, November 25, 21:30 • **SPECIAL EVENT (by personal invitation only)**

Museo CosmoCaixa Symposium Dinner-Welcome Banquet WIDER 2019

Welcome to Barcelona

Scientific Symposium

PRESIDENTS: José Ramón Armengol-Miró (Spain) y Alberto Montori (Italy)

MODERATORS: Rajesh Gupta (India) y Marco Frascio (Italy)

New way to perform Endoscopic Submucosal Dissection

Sergey Kantsevov (USA)

Recent advances of ESD for difficult GI neoplastic lesions

Naohisa Yahagi (Japan)



13th INTERNATIONAL NOTES-WIDER-BARCELONA

SCIENTIFIC PROGRAM: **Tuesday, November 26, 2019**

Auditorium of the Teaching Pavilion HOSPITAL UNIVERSITARI VALL D'HEBRON

08:30-10:30 **Session 3**

CLINICAL NOTES

PRESIDENTS

Manuel Armengol Carrasco (Spain), Marco Frascio (Italy), Antonio J. Torres (Spain), y Alberto Montori (Italy)

Masterly Conference

Outcome of the First International Consensus on Image-Guided Surgery, Navigation System and Hybrid Operating room.

Mariano E. Giménez (Argentina)

MODERATORS

Joaquín Balsells (Spain), Senol Carilli (Turkey), Sergey Kashin (Russia) y Luis Carlos Sabbagh (Colombia)

- The Virtual Reality in Real Surgery: Is this a Future for us? [Seda Dzhantukhanova \(Russia\)](#)
- The NICE project: Near-Infrared Coating of Equipment. [Michele Diana \(France\)](#)
- Cirugía invisible imanlap y Robótica. [Guillermo Manuel Domínguez \(Argentina\)](#)
- Hyperspectral imaging in digestive surgery? [Michele Diana \(France\)](#)
- Laparoendoscopic single site adrenalectomy experiences. [Senol Carilli \(Turkey\)](#)
- News en cirugía colorectal. [Eloy Espin \(Spain\)](#)

10:30-11:00 **Coffee break**

11:00-12:15 **Session 4**

NOTES FROM LATIN LATINOAMÉRICA

MODERATORS

Eduardo Segal (Argentina) y Jesús Ortiz Villalba (Paraguay)

- La enseñanza de la endoscopia y su actualización permanente. [Jose Cordova \(Mexico\)](#)
- Eficacia de la funduplicatura incisional transoral (TIF) para el tratamiento de la enfermedad por reflujo gastro esofágico (ERGE). [Fernando Rojas Mendoza \(Mexico\)](#)
- Endoscopic vertical gastroplasty in 2020. [Roberto Fogel \(USA/Venezuela\)](#)
- Barrett & Endoscopic therapy. [Albis Hani \(Colombia\)](#)
- Endoscopic management of dysplasia and early oesophageal cancer. [Francisco Valdovinos \(Mexico\)](#)

12:15-13:15 **SIMPOSIO:**
Artificial intelligence

PRESIDENTS

José Ramón Armengol-Miró (Spain) y Cesare Hassan (Italy)

- Inteligencia Artificial. [Cesare Hassan \(Italy\)](#)
- Inteligencia Artificial. [Sergey Kashin \(Russia\)](#)
- Artificial Intelligence and GI Endoscopy. A perspective. [Roque Sáenz Fuenzalida \(Chile\)](#)
- Utilizing new multi-image enhanced endoscopy; BLI and LCI. [Shunsuke Yamamoto \(Japan/Sweden\)](#)

13:15-13:45 **Special lectures**

MODERATORS

José Ramón Armengol-Miró (Spain) y Cesare Hassan (Italy)

Current estatus of erat en China.

[Deliang Li \(P.R. China\)](#)

Posibilidades diagnosticas y futuro de la cápsula de colon. [Miguel Muñoz Navas \(Spain\)](#)

13:45-14:45 **Lunch and video transmission from the Research Institut**

Transmission of cases from the rooms of the Institute de Recerca with interactive discussion with the auditorium of the H.U.V.H. between the Teams Salas and Panel Discussion.

Teams Salas: Zhang Xiaoguang (P.R. China), Eduardo Piñero (Mexico), Jorge Olsina (Spain), Joan Dot (Spain), Sergey Kantsevov (USA), Nereo Guillermo Salas (Mexico), Monder Abu Suboh (Spain), Marta Rosal (Spain), Marielle Esteves (Spain), Carla Fonseca (Spain), Alejandro Rojo (Spain), Maurizio Zilli (Italy), Milutin Bulajic (Serbia), Guillermo Domínguez (Argentina), Liu Bing-Rong (P.R. China), Jordi Armengol (Spain) y Stavros Stavropoulos (USA)

Discussion guests: Jaume Boix (Spain), Joaquín Balsells (Spain), Juan Rocamora (Spain), Octavio Mulet (Spain), Campo Elias Lindado (Venezuela), José Olmedo (Spain), Enrique Castillo (Spain), Albis Hani (Colombia), Manuel de la Iglesia (Spain), Guillermo Cacho Acosta (Spain), Jesús Espinel (Spain), Felipe Martínez Alcalá (Spain) y Eduardo Rodríguez (Spain)

14:45-16:30 **Session 5**

PRESIDENTS

Liu Bing-Rong (P.R. China), Luis Carlos Sabbagh (Colombia) y Alberto Montori (Italy)

MODERATORS

Joan M.^a Pou Fernández (Spain), Germán Alonso (Spain), Sarbelio Rodríguez (Spain), Eduardo Piñero (Mexico), Jaume Boix Valverde (Spain), Pedro Menchén (Spain) y Sergey Kashin (Russia)

ENDOLUMINAL THERAPEUTIC ENDOSCOPY

- Endoscopic or surgical myotomy - a lesson from the randomized trial.
Jan Martinek (Czech Republic)

- POEM in patients previously operated on gastroesophageal junction.
Lada Shumkina (Russia)
- Long term outcomeS of POEM for achalasia and it's new application. Quanlin Li (P.R. China)
- Non-standard decision for complicated virsungolithiasis. Clinical case from YES 2019.
Denis Gusev (Russia)
- Prevention and treatment of refractory stricture after ESD or radiation therapy for esophageal cancer. Fan Zhining (P.R. China)
- 10-years experience of celiac plexus block with subsequent neurolysis in patients with chronic abdominal. Mikhail Burdyukov (Russia)
- Best selected cases from Yaroslavl Endoscopy Symposium. Sergey Kashin (Russia)

16:30-17:30 **Session 6**

Special lectures

MODERATORS

Joan M.^a Pou Fernández (Spain), Sarbelio Rodríguez (Spain), Germán Alonso Maillo (Spain), Eduardo Piñero (Mexico) y Jaume Boix Valverde (Spain)

- Mucosectomia en el colon: un paso atrás para mirar hacia adelante.
Sarbelio Rodríguez (Spain)
- The use of the Ella stent in the strictures and fistulas of the GI tract.
Rita Conigliaro (Italy)
- Endoscopic Management of Ampullary Carcinoma. Jean Escourrou (France)
- Our expirience of 2-years follow up the patient after combined duodenal stenting and EUS-BD. Mikhail Burdyukov (Russia)

17:30-18:00 **Coffee break**



13th INTERNATIONAL NOTES-WIDER-BARCELONA

18:00-19:15 **Session 7**
OBESITY

MODERATORS

Antonio J. Torres (Spain), José Manuel Fort (Spain), Roberto Fogel (USA-Venezuela), Jaume Boix Valverde (Spain), José Antonio Baena (Spain) y Miguel Muñoz Navas (Spain)

Masterly Conference

The ethics of new Endoscopic/Surgical procedures bariatric/metabolic surgery.
Antonio J. Torres (Spain)

- Update Metabolic Surgery.
Ramon Vilallonga (Spain)
- Endoscopic Gastric Mucosal Ablation (EGMA) for weight loss. Liu Bing-Rong (P.R. China)
- Update Obesity Surgery.
José María Balibrea (Spain)

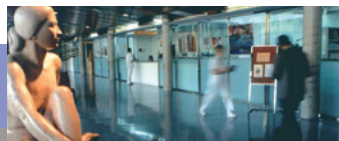
19:15 **Closure**





13th INTERNATIONAL NOTES-WIDER-BARCELONA

NATURAL ORIFICE TRANSLUMINAL
ENDOSCOPIC SURGERY



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