

Official program

11th INTERNATIONAL NOTES W.I.D.E.R.-BARCELONA

UAB
Universitat Autònoma
de 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 FORO DE DISCUSIÓN

wider-barcelona.org

November 27 and 28, 2017

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

11th INTERNATIONAL NOTES-W.I.D.E.R.- BARCELONA

DIRECTORES

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

COORDINADORES

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

COLABORADORES

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

DESCRIPCIÓN

The **11th International NOTES-W.I.D.E.R.-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 conference room in the 10th floor 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 **W.I.D.E.R.-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

W.I.D.E.R.-Barcelona

(WORLD INSTITUTE FOR DIGESTIVE ENDOSCOPY RESEARCH)

Teaching activity accredited by the Consell Català de Formació Continuada de les Professions Sanitàries (in 2016), with **2,6 credits** (non-regulated and non-formal education) organized by the Hospital Universitari Vall d'Hebron. **Accreditation requested for 2017.**

INVITED SPEAKERS

Abu Suboh, Monder (Spain)
Al Haddad, Mohamad (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)
Bapaye, Amol (India)
Baptista, Alberto (Venezuela)
Bergström, Maria (Sweden)
Bertani, Helga (Italy)
Bhandari, Pradeep (United Kingdom)
Bing-Rong Liu (PR China)
Boix Valverde, Jaume (Spain)
Bulajic, Milutin (Serbia)
Cacho Acosta, Guillermo (Spain)
Carilli, Senol (Turkey)
Castillo Begines, Enrique (Spain)
Castro, Sandra (Spain)
Charco, Ramón (Spain)
Dan Liu (P.R. China)
De Giau, Louis (Mexico)
De la Iglesia, Manuel (Spain)
De la Morena Madrigal, Emilio (Spain)
De, Suvranu (USA)
Delgado Bellido, Daniel (Spain)

Dezhi He (R.P. China)
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)
Farreres, Alberto R. (Argentina)
Foguel, Roberto (USA/Venezuela)
Fonseca, Carla (Spain)
Fort, José Manuel (Spain)
Frascio, Marco (Italy)
Galofré, Gonzalo (Spain)
Galloro, J. (Italy)
Garijo, Jesús (Spain)
Giménez, Mariano E. (Argentina)
Guangxing, Cui (PR China)
Gupta, Rajesh (India)
Gusev, Denis (Russia)
Hani, Albis (Colombia)
Ivantsova, Marina (Russia)
Kantsevov, Sergey (USA)
Kashin, Sergey (Russia)
Krajciová, Jana (Czech Republic)
Laporte, Enrique (Spain)
Li Liu (P.R. China)
Liang, Weimin (PR China)



Lindado, Campo Elías (Venezuela)

Liu, Dan (USA)

Lobontiu, Adrian (USA)

López Roses, Leopoldo (Spain)

Martínez Alcalá, Felipe (Spain)

Mei-Dong Xu (PR China)

Menchén Fernández-Pacheco, Pedro (Spain)

Montori, Alberto (Italy)

Morales Gordo, Manuel (Spain)

Mulet Zayas, Octavio (Spain)

Muñoz Navas, Miguel (Spain)

Nakajima, Kiyokazu (Japan)

Olmedo, José (Ciudad Real)

Olsina Kissler, J.J. (Spain)

Ortiz, Jesús (Paraguay)

Palazuelos, Carlos (Spain)

Park, Per-Ola (Sweden)

Paulov, Alexey (Russia)

Pellicer Bautista, Francisco (Spain)

Piñeiro, Eduardo (Mexico)

Pou Fernández, Juan M.^a (Spain)

Rocamora Serra, Juan (Spain)

Rodríguez Muñoz, Sarbelio (Spain)

Rodríguez Sánchez, Eduardo (Spain)

Rojas, Fernando (Mexico)

Rojo, Alejandro (Spain)

Rongying, Cen (PR China)

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)

Scopelliti, Filippo (Italy)

Segal, Eduardo (Argentina)

Shunsuke Yamamoto (Japón)

Siyu Sun (R.P. China)

Song Ji Tao (PR China)

Sosa, Leonardo (Venezuela)

Starkov, Yury (Russia)

Stavropoulos, Stavros (USA)

Testoni, Alberto (Italy)

Torres García, Antonio J. (Spain)

Trías i Folch, Manuel (Spain)

Valdovinos Andraca, Francisco (México)

Vallribera Valls, Francesc (Spain)

Veloso Veloso, Enrique (Spain)

Vila Costa, Marta (Barcelona)

Vilallonga, Ramon (Spain)

Wen, Li (PR China)

Zhang Xiaoguang (PR China)

Zhao Lixia (R.P. China)

Zhining, Fan (PR China)

Zilli, Maurizio (Italy)

Zucchi, Elena (Italy)

SCIENTIFIC PROGRAM: **Monday, November 27, 2017**

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)

09:00-10:30 **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), Per Ola Park (Sweden), Zhang Xiaoguang (P.R. China), Maurizio Zilli (Italy), Felipe Martínez Alcalá (Spain) y Rita Conigliaro (Italy)

- How wide can NOTES be used in the nearest future the hormon status of women for planned NOTES? Marina Ivantsova (Russia)
- Exploring pyloric dynamics in stenting using a distensibility technique. Per-Ola Park (Sweden)
- Inflammatory response after stent treatment for colonic obstruction, compared with surgery. Maria Bergström (Sweden)
- Predclinical training for "New NOTES" procedures. Suvrano De (USA)
- Resultados de una investigación sobre nuevos materiales para la endoscopia operativa. Joseppe Galloro (Italy)
- What have we learned from NOTES? Wen Li (P.R. China)

Discussion guests: Jesús Espinel Díez (Spain), Pedro Menchén (Spain), Francisco Pellicer (Spain), Senol Carilli (Turkey), Joseppe Galloro (Italy), Albis Hani (Colombia), Dezhi He (P.R. China) y Guangxin Cui (P.R. China)

10:30-10:45 **Special lecture**

Project ENGINE update: recent progress from R&D frontline. Kiyokazu Nakajima (Japan)

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 Juan Dot (Spain)

11:00-11:15 **Conference**

Endoscopic correction of surgical complications. Sergey Kantsevov (USA)

11:15-11:30 **Coffee break**

11:30-12:15 **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), Alberto Ferreres (Argentina), Emilio de la Morena (Spain), Francisco Pellicer (Spain), Jesús Garijo (Spain) y Enrique Castillo Begines (Spain)

ADVANCES IN NOTES

- The practice of NOTES, ERAT and Liu POEM in China. Liu Bing-Rong (P.R. China)
- The last endoscopic treatment techniques for the gastrointestinal bleeding (OTSC and Purastat gel). Rita Conigliaro (Italy)
- What's new in the third space endoscopy. New NOTES-Based on submucosal endoscopy. Mei-Dong Xu (P.R. China)



Session 2

12:15-13:00 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), Per-Ola Park (Sweden), Maria Bergström (Sweden), Monder Abu Suboh (Spain), Marta Rosal (Spain), Marielle Esteves (Spain), Carla Fonseca (Spain), Alejandro Rojo (Spain), Daniel Delgado Bellido (Spain), Liu Bing-Rong (P.R. China), Fan Zhining (P.R. China), Milutin Bulajic (Serbia), Joseppe Galloro (Italy), Guillermo Domínguez (Argentina), Nereo Guillermo Salas (Mexico), Kiyokazu Nakajima (Japan), Dan Liu (P.R. China), Jordi Armengol Bertoli (Spain), Stavros Stavropoulos (USA), Eduardo Rodríguez Sánchez (Spain) y Zhao Lixia (P.R. China)

MODERATORS and discussion guests:

José C. Salord Oses (Spain), Jean Escourrou (France), Song Ji-Tao (P.R. China), Roberto Fogel (USA/Venezuela), Jesús Ortiz (Paraguay), José Olmedo (Spain), Enrique Castillo Begines (Spain), Mohamed El-Khattabi (Morocco), Weimin Liang (P.R. China), Dezh He (P.R. China), Leopoldo López Roses (Spain), Maurizio Zilli (Italy), Manuel de la Iglesia (Spain) y Aleksey Balalykin (Russia)

13:00-14:00 **EXPERIMENTAL and CLINICAL NOTES**

PRESIDENTS

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

- Perspective NOTES. Aleksey Balalykin (Russia)
- The new endoscopic resection technique-EFTR; submucosal Tunneling Endoscopic Resecton (STER): applications, training and challenges. Mei-Dong Xu (P.R. China)
- The smart approach to surgical treatment of gastric and duodenal GISTs based on preoperative EUS-typing. Seda Dzhantukhanova y Yury Starkov (Russia)
- What is the difference in the outcome of colorectal ESD between Japan and western countries - from experiences in teaching in Europe. Shunsuke Yamamoto (Japan)

Discussion guests. Gonzalo Galofré (Spain), Octavio Mulet Zayas (Spain), M. Trias y Folch (Spain), Alejandro Sáez Coromina (Spain), J. Rocamora Serra (Spain), Marco Frascio (Italy), Albis Hani (Colombia), Elena Zucchi (Italy), Guangxin Cui (P.R. China) y Guillermo Cacho Acosta (Spain)

14:00-14:15 **Special lecture**

Endoscopic resection for Gastric wall tumors. Amol Bapaye (India)

MODERATORS

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

14:15-15:30 **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), Juan Dot (Spain), Dan Liu (P.R. China), 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 Zhao Lixia (P.R. China)

Discussion guests: Joaquim Balsells (Spain), Juan Rocamora (Spain), José Carlos Salord Osses (Spain), Enrique Castillo Begines (Spain), Sergey Kashin (Russia), Dezhi He (P.R. China), Fernando Rojas (Mexico), Eduardo Segal (Argentina), Jesús Ortiz (Paraguay), Campo Elías Lindado (Venezuela), José R. Armengol-Miró (Spain) y Aleksey Balalykin (Russia)

15:30-17:00 **Disputes between Endoscopic Surgery and Endoluminal Endoscopy**

MODERATORS

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

- Endoscopia Extrema (X-TREME Endoscopy). Alberto Baptista (Venezuela)
- The per oral myotomies, from POEM to G-POEM and beyond. Stavros Stavropoulos (USA)
- Advances in the endoscopic management of GI perforations, leaks and fistulas. Miguel Muñoz Navas (Spain)
- Difficult bile duct stones - endoscopic management in 2017. Rajesh Gupta (India)
- Combined endoscopic suturing and stenting for Closure of Esophageal Defects. Mohamad Al Haddad (USA)

Special Conferences

Current status and future perspectives in early gastric cancer management in Russia.

Sergey Kashin (Russia)

Estado actual de la cirugía intragástrica.

Jesús Garijo (Spain)

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

17:00-17:15 **Coffee break**

17:15-19:15 **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), Marta Vila Costa (Spain), Song Ji-Tao (P.R. China), Leonardo Sosa (Venezuela) y Alberto Testoni (Italy)

- I might made talk about virtual biopsy in GI endoscopy (elastography). Nadan Rustemovic (Croatia)
- EUS-guided drainage of post-pancreatectomy pseudocysts/collections. Filippo Scopelliti (Italy)
- EUS Beyond Tissue Acquisition: Core Biopsies of Solid Lesions. Luis Carlos Sabbagh (Colombia)
- EUS guided cholecystolithotomy. EUS guided biliary drainage: State of the art. Siyu Sun (P.R. China)
- EUS-guided radiofrequency ablation of unresectable pancreatic cancer: early experience. Filippo Scopelliti (Italy)
- EUS guided pancreatic pseudocysts drainage - an overview of complications and early endoscopic management (TRGPP). Elena Zucchi (Italy)
- FNA vs. FNB: how to perform effective EUS guided Tissue Sampling. Mohamad Al Haddad (USA)

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



Monday, November 27, 21:30 • **SPECIAL EVENT (by personal invitation only)**

Symposium Dinner-Welcome Banquet WIDER 2017- Museo CosmoCaixa

Welcome to Barcelona

Scientific Symposium

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

MODERATORS: Liu Bing-Rong (P.R. China) y Alberto Ferreres (Argentina)

Endoscopic rectal reconstruction post removal of large colonic lesions
Sergey Kantsevov (USA)

Estado actual de la Cirugías de la Diabetes
Antonio J. Torres García (Spain)

SCIENTIFIC PROGRAM: Tuesday, November 28, 2017

Auditorium of the Teaching Pavilion HOSPITAL UNIVERSITARI VALL D'HEBRON

08:30-10:30 Session 3

CLINIC NOTES

PRESIDENTS

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

Masterly Conference

Surgical innovation: balancing discovery and
patient safety. Alberto Ferreres (Argentina)

MODERATORS

Joaquín Balsells (Spain), Senol Carilli (Turkey)
Sergey Kashin (Russia), Luis Carlos Sabbagh
(Colombia), Cen Rongying (P.R. China)

- Intraoperative imaging: the augmented eye for precision surgery. Endoluminal triangulation 2.0: development of a robotically-assisted surgical endoscopic platform. Michel Diana (France)

- Qué hemos aprendido estos años usando la simulación en el entrenamiento de cirujanos. Carlos Palazuelos (Spain)
- Cost analysis of single port colectomy versus four ports procedure. Marco Frascio (Italy)
- Minimal invasive surgery: where are we after more than 25 years? Alberto Ferreres (Argentina)
- Cirugía Magnética 10 años de experiencia en Argentina. Guillermo Domínguez (Argentina)
- State of the Art of Single Incision Laparoscopic Surgery. Senol Carilli (Turkey)
- Evolución de la cirugía transanal. Francesc Vallribera (Spain)
- Update of surgical approach of achalasia. Sandra Castro (Spain)

10:30-10:45 **Coffee break**

10:45-11:30 **Session 4**

NOTES IN LATIN AMERICA

MODERATORS

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

- Flat polyps. Roque Sáenz (Chile)
- New needles for a new era in NOTES Eco Endoscopy. Luis Carlos Sabbagh (Colombia)
- El manejo actual de Acalasia. Albis Hani (Colombia)

11:30-12:00 **Lecturas especiales**

Cirugia Robotica colorectal.Estado actual y controversias. Eloy Espin (Spain)

Transoral fundoplication (TIF 2.0) with EsophyX Device is safe, durable and cost-effective.

Adrian Lobontiu (USA)

Special discussion. Alberto Testoni (Italy)

12:00-14:15 **Session 5**

PRESIDENTS

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

MODERATORS

J.M. Pou Fernández (Spain), Germán Alonso (Spain), Sarbelio Rodríguez (Spain), Eduardo Piñeiro (Mexico), Jaume Boix Valverde (Spain), Pedro Menchén (Spain) y Sergey Kashin (Russia)

ENDOLUMINAL THERAPEUTIC ENDOSCOPY

- Endoscopic novel approaches for esophageal benign stricture: our experience and recent advances. Li Liu (P.R. China)
- Endoscopic treatment of esophageal neoplasias. The Czech experience. Jana Krajcova (Czech Republic)
- Stent placement with ultrathin scope in advanced upper GI cancer: complications, advantages and long term outcomes. Denis Gusev (Russia)

- Tratamiento endoscópico del Esófago de Barrett con displasia. Francisco Valdovinos (Mexico)
- POEM: refinamientos técnicos, nuevos abordajes y nuevas indicaciones. Alberto Baptista (Venezuela)
- Endoscopic tunnelling beyond POEM. Are we at the end of the tunnel? Amol Bapaye (India)
- Clinical application of endoscopic submucosal tunnel technique: our experience and recent advances. Fan Zhining (P.R. China)
- New method of delineating the margin of Sessile serrated adenoma/polyp. Shunsuke Yamamoto (Japan)
- Conference. Pradeep Bhandari (United Kingdom)

14:15-16:00 **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 Piñeiro (Mexico), Jorge Olsina (Spain), Joan Dot (Spain), Sergey Kantsevov (USA), Per-Ola Park (Sweden), Nereo Guillermo Salas (Mexico), Zhao Lixia (P.R. China), 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), Stavros Stavropoulos (USA), Dezhi He (P.R. China) y Dan Liu (P.R. China)

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 (Spain), Jesús Espinel (Spain), Felipe Martínez Alcalá (Spain), Eduardo Rodríguez (Spain) y Aleksey Balalykin (Russia)

16:00-16:45 **Session 6**

Special lectures

- ESD in the colon: Paving the pathway for ESD adoption in the West.
[Stavros Stavropoulos \(USA\)](#)
- Stent treatment or surgical closure for perforated duodenal ulcers - a randomized.
[Per-Ola Park \(Sweden\)](#)
- Prótesis de Colon como puente a la Cirugía ¿sí se puede?
[Pedro Alonso Aguirre \(Spain\)](#)

16:45-17:00 **Coffee break**

17:00-18:15 **Session 7**

MODERATORS

- J.M. Pou Fernández (Spain), Sarbelio Rodríguez (Spain), Germán Alonso Maillo (Spain), Eduardo Piñeiro (Mexico) y Jaume Boix Valverde (Spain)
- Uso de prótesis metálicas para control de sangrado postesfinterotomía.
[Nereo Guillermo Salas \(Mexico\)](#)
 - Digital single-operator cholangiopancreatography.
[Fernando Rojas \(Mexico\)](#)
 - Update of cholangioscopy.
[Sarbelio Rodríguez \(Spain\)](#)

- Minimal invasive treatment of severe necrotising pancreatitis reduces mortality.
[Maria Bergström \(Sweden\)](#)
- Pancreatic fluid collection-A step up approach to management. [Rajesh Gupta \(India\)](#)

18:15-19:30 **OBESITY**

MODERATORS

[Antonio J. Torres \(Spain\)](#), [José Manuel Fort \(Spain\)](#), [Roberto Fogel \(USA- Venezuela\)](#), [Jaume Boix Valverde \(Spain\)](#) y [José Antonio Baena \(Spain\)](#)

Masterly Conference

Papel actual de la Endoscopia en el abordaje Multidisciplinar de la Obesidad.

[Antonio J. Torres \(Spain\)](#)

- Update Metabolic Surgery.
[Ramon Vilallonga \(Spain\)](#)
- Endoscopic Gastric Mucosal Ablation (EGMA) for weight loss. [Liu Bing-Rong \(P.R. China\)](#)
- Gastric reduction endoscopy.
[Roberto Fogel \(USA- Venezuela\)](#)
- Endoscopic Treatment of bariatric surgery complications. [Jean Escourrou \(France\)](#)
- Update Obesity surgery.
[José María Balibrea \(Spain\)](#)

19:30 **Closure**





World Institute for Digestive Endoscopy Research-Barcelona N.O.T.E.S. Team

José Ramón Armengol-Miró
Jorge Olsina
Joaquín Balsells
Ramon Vilallonga
Manel Armengol Carrasco
Joan Dot Bach
Monder Abu Suboh Abadia
Miquel Masachs
Jordi Armengol Bertrolí
Ana Benages
M. Dolores Castillo Cejas
Jorge Guevara Cubas
Denise Sihuay di Burga
Jaume Boix
Manuel Morales
Daniel Delgado Bellido
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 Kantsevov
Per-Ola Park
Irving Waxman
Naohisa Yahagi
Kiyokazu Nakajima
Luis Carlos Sabbagh
Nageshwar Reddy
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Louis de Giau
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