14th INTERNATIONAL NOTES-WIDER-BARCELONA

NATURAL ORIFICE TRANSLUMINAL ENDOSCOPIC SURGERY

Advanced Endoluminal and Surgical Endoscopy
Endoscopic Cooperative Surgery
DISCUSSION FORUM

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

Generalitat de Catalunya
UAB
Fundación “la Caixa”
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 Reference of the Vall d’Hebron University Hospital.
Endoscopy rooms

SECRETARY’S OFFICE: Ediciones MAYO S.A.
REGISTRATION: raquelmoran@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 Mª. Dolores Castillo Cejas

DESCRIPTION
The 14th International NOTES-WIDER-Barcelona, on this occasion with a hybrid format (in-person and online), consists of a two-day 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 Autónoma de Barcelona), Institut de Recerca of the Hospital Universitari Vall d’Hebron and OLYMPUS EUROPA SE & CO and the collaboration of the Fundación “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.
**OBJECTIVES**

- 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 MÉDICO-QUIRÚRGICA DE ENDOSCOPIA DIGESTIVA**
- **FUNDACIÓN ESPAÑOLA DE ENDOSCOPIA DIGESTIVA**
- **SOCIEDAD ESPAÑOLA MÉDICO-QUIRÚRGICA DE ENDOSCOPIA DIGESTIVA**
- **WIDER-BARCELONA (WORLD INSTITUTE FOR DIGESTIVE ENDOSCOPY RESEARCH)**

2021 Accreditation requested to the Consell Català de Formació Continuada de les Professions Sanitàries (Non-regulated and non-formal education) organized by the Hospital Universitari Vall d’Hebron.
World Institute for Digestive Endoscopy Research-Barcelona NOTES Team

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Manel Armengol Carrasso
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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 Giu
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
**INVITED SPEAKERS**

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Martí, Marc (Spain)
Martínez Alcalá, Felipe (Spain)
Martínez-Alcalá García, Álvaro (Spain)
Masachs, Miquel (Spain)
Menchén Fernández-Pacheco, Pedro (Spain)
Montanelli, Julieta (Argentina)
Montori, Alberto (Italy) In memoriam
Morales Gordo, Manuel (Spain)
Mulet Zayas, Octavio (Spain)
Muñoz Navas, Miguel (Spain)
Nakajima, Kiyokazu (Japan)
Naval, Javier (Spain)
Noguera, José F. (Spain)
Olmedo, José (Spain)
Olsina Kissler, Jorge J. (Spain)
Ortiz, Jesús (Paraguay)
Panadés Arán, Agustín (Spain)
Park, Per-ola (Sweden)
Paulov, Alexey (Russia)
Pelliser 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 Corominas, Alejandro (Spain)
Sáenz Fuenzalida, Roque (Chile)
Salord Ossete, José C. (Spain)
Salas, Nereo Guillermo (Mexico)
Sánchez, José Luis (Spain)
Segal, Eduardo (Argentina)
Seo, DongWan (South Korea)
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)
Trias 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)
Way, Jerry (USA)
Wen, Li (P.R. China)
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)
08:30  Registration

08:45-09:00  Presentation
José Ramón Armengol-Miró (Spain),
Manuel Armengol Carrasco (Spain),
Antonio J. Torres García (Spain) and
Joan Dot (Spain)

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

EXPERIMENTAL NOTES

PRESIDENTS
Manuel Armengol Carrasco (Spain),
Marco Frascio (Italy) and Yury Starkov (Russia)

MODERATORS
Pedro Alonso Aguirre (Spain),
Jean Escorrou (France), Eduardo Segal (Argentina) and Felipe Martínez Alcalá (Spain)

- Design of a virtual endoluminal surgery simulation (VESS) for training colorectal endoscopic submucosal dissection (ESD). Suvranu De (USA) (Virtual)
- Endoscopic treatment of epiphrenic diverticulum. Lada Shumkina (Russia) (Virtual)
- Endoscopic flexible technologies: from HD-endoscopes to AI navigation and robotic platforms. Seda Dzhantukhanova (Russia) (Virtual)
- EUS Guided liver biopsy: where do we stand in G-POEM for refractory gastroparesis. Mohammad Al Haddad (USA)
- The Future of NOTES ~ Endoscopic Surgery. Li Wen (P.R. China) (Virtual)

10:15-11:00  OFFICIAL OPENING

10:30-11:00  Presentation of the book “Digestive endoscopy terminology” 7th edition
Dr. Jerry Way (USA) (Virtual), Lars Aarbakken (Norway) (Virtual), José Ramón Armengol-Miró (Spain) and Franz Reuter (Germany)

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

11:00-11:30  Conference
- Prospective Randomized Controlled Trial Comparing Traditional ESD With Device-Assisted ESD For Removal Of Large Colonic Lesions. Sergey Kantsevoy (USA)

11:30-12:00  Coffee break

12:00-12:30  Special lecture
- New concept of endoscopic MIS: ERBEC. Ping-Hong Zhou (P.R. China) (Virtual)
- Are We Now Ready to Take the “3rd Space” Training-Wheels Off and Revisit Traditional NOTES in the “2nd Space”? Ping-Hong Zhou (P.R. China) (Virtual)

12:30-13:00  Actuality Masterly Conference

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

MODERATORS
Sandra Castro (Spain), Emilio de la Morena (Spain), Francisco Pellicer (Spain) and
Enrique Castillo Begines (Spain)
ADVANCES IN NOTES
• Future of ERCP Nadan Rustemovic (Croatia)
• Use of SpyGlass – not only in the common bile duct. Per-Ola Park (Sweden)

Session 2
13:00-13:30  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: Jorge Olsina (Spain), Juan Dot (Spain), Sergey Kantsevoy (USA), Monder Abu Suboh (Spain), Marta Rosal (Spain), Marielle Esteves (Spain), Carla Fonseca (Spain), Alejandro Rojo (Spain), Jordi Armengol Bertroli (Spain), Eduardo Rodriguez, Sanchez (Spain) and Pedro Larrea (Peru)

Moderadores e Discussion guests:
José C. Salord Oses (Spain), Jean Escourrou (France), Roberto Fogel (USA/Venezuela), Jesús Ortiz (Paraguay), Enrique Castillo Begines (Spain) and Manuel de la Iglesia (Spain)

13:30-14:30  EXPERIMENTAL and CLINICAL NOTES

PRESIDENTS
Manuel Armengol Carrasco (Spain), Marco Frascio (Italy), Miguel Muñoz Navas (Spain) and Pedro Alonso Aguirre (Spain)

MODERATORS
Joaquim Balsells (Spain), Enrique Veloso (Spain) and Yury Starkov (Russia)

Masterly Conference
• Duodenal duplication, case report. Jorge Alberto Arroyo Vázquez (Sweden)
• Treatment of digestive tract obstructions by endoscopic stent insertion. A small center experience. Jesús García-Cano Lizcano (Spain)
• Optimizing endoscopic treatment of pancreolithiasis. Rajesh Gupta (India) (Virtual)
• Tratamiento endoscópico de las lesiones premalignas y del cáncer precoz en el colon: ¿es necesario complicar la estrategia terapéutica? Sarbelio Rodríguez (Spain)

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) and Albin Hani (Colombia)

14:30-15:15  Lunch and video transmission from the Institut de Recerca
Transmission of cases from the rooms of the Institut de Recerca with interactive discussion with the auditorium of the H.U.V.H. between the Teams Salas and Panel Discussion.

Teams Sala:
Jorge Olsina (Spain), Sergey Kantsevoy (USA), Joan Dot (Spain), M. Abu Suboh (Spain), Marta Rosal (Spain), Marielle Esteves (Spain), Carla Fonseca (Spain), Alejandro Rojo (Spain) and Pedro Larrea (Peru)

Discussion guests: Joaquim Balsells (Spain), Jorge Olsina (Spain), Sergey Kantsevoy (USA), Joan Dot (Spain), M. Abu Suboh (Spain), Marta Rosal (Spain), Marielle Esteves (Spain), Carla Fonseca (Spain), Alejandro Rojo (Spain) and Pedro Larrea (Peru)

15:15-15:45  Special lecture

MODERATORS
José Ramón Armengol-Miró (Spain), Manuel Armengol Carrasco (Spain), Antonio J. Torres (Spain), Sergey Kantsevoy (USA) and Sarbelio Rodríguez (Spain)

• Endoscopic Full Thickness Resection Techniques. Stavros Stavropoulos (USA) (Virtual)
15:45-17:15  **Controversies between Endoscopic Surgery and Endoluminal Endoscopy**

**MODERATORS**
Joaquim Balsells (Spain), Enrique Veloso (Spain), Francisco Pellicer (Spain), Felipe Martínez Alcalá (Spain) and Yury Starkov (Russia)

- Endoscopic management of duodenal lesions (video). Naohisa Yahagi (Japan) (Virtual)
- Resection of duodenal tumor (video). Stavros Stavropoulos (USA) (Virtual)
- POEM: update on GERD. Stavros Stavropoulos (USA) (Virtual)
- Long term results of POEM-the Czech. Kristina Hugoba (Czech Republic)
- G-POEM and gastroparesis. Jan Martinek (Czech Republic)
- Endoscopic revision of RYGD obese patients with weight regain. Milutin Bulajic (Serbia)

17:15-17:45  **Conference**

- Endoscopic management of pancreatic collections (drainage, stents, necrosectomy). Abdenor Badaoui (Belgium) (Virtual)

**Discussion guests:** Gonzalo Galofré (Spain), M. Trias i Folch (Spain), Marco Frascio (Italy), Louis De Giau (Mexico), Pedro Menchén (Spain) and Albis Hani (Colombia)

17:45-18:15  **Coffee break**
Museo CosmoCaixa
Symposium Dinner-Welcome Banquet WIDER 2021

Welcome to Barcelona

Scientific Symposium

PRESIDENTS: José Ramón Armengol-Miró (Spain) and Yury Starkov (Russia)
MODERATORS: Marina Ivantcova (Russia) and Sarbelio Rodríguez (Spain)

World War C: Coronavirus Impact on Gastroenterology
Nina Malyutina (USA) and Sergey Kantsevoy (USA)

Professor J.R. Armengol-Miró and Russian endoscopy
Aleksey Balalikyn (Russia)
08:30-10:30  Session 3  
TABLE CLINICAL NOTES

PRESIDENTS
Manuel Armengol Carrasco (Spain), Marco Frascio (Italy), Antonio J. Torres (Spain)

MODERATORS
Joaquim Balsells (Spain), Sergey Kashin (Russia) and Luis Carlos Sabbagh (Colombia)

- ¿Qué fue de la colecistectomia transvaginal? Alberto Ferreres (Argentina)
- Cirugía invisible imanlap y Robótica. Guillermo M. Domínguez (Argentina) (Virtual)
- Surgical Optical Imaging Towards Precision Surgery. Michele Diana (France)
- Robotic General Surgery - Codes of Our Location. Senol Carilli (Turkey) (Virtual)
- ¿Qué se necesita para hacer una cirugía avanzada? Jesús Garijo (Spain)
- News en cirugía colorectal. Eloy Espin (Spain)

Masterly Conferences
- Estado actual del abordaje multidisciplinario de la Obesidad. Antonio J. Torres (Spain)
- Severe Acute Pancreatitis, 10 lessons learned. Mariano E. Giménez (Argentina)

10:30-11:00  Coffee break

11:00-12:00  Conferences
- The R&D Frontline 2021: Update from Project ENGINE. Kiyokazu Nakajima (Japan)
- ERAT (Endoscopic Retrograde Appendicitis Therapy) 12 years-- From infancy to youth. Bing-Rong Liu (P.R. China) (Virtual)

12:00-13:45  Session 4
NOTES IN LATIN AMERICA

MODERATORS
Eduardo Segal (Argentina) and Jesús Ortiz Villalba (Paraguay)

- Chicago 4.0 Qué hay de nuevo. Albis Hani (Colombia)
- Endoscopic Ultrasonography guided biliary drainage 2021. Luis Carlos Sabaggh (Colombia)
- X Tag or Endoscopic Suturing. Roberto Fogel (USA/Venezuela)
- Calidad en endoscopia. José Cordova Villalobos (Mexico)
- Manejo endoscópico del refluo gastroesofágico. Fernando Rojas Mendoza (Mexico)
- Barrett y displasia: Actualidades en las técnicas de ablación. Francisco Valdovinos (Mexico)
- Lesiones submucosas. Cuál es el de mayor rendimiento EUS FNB o kneedle Knife. Biopsia. Pedro Larrea (Peru)

13:45-14:00  Special lecture

MODERATORS
José Ramón Armengol-Miró (Spain) and Cesare Hassan (Italy)

- El impacto del Covid-19 en el aumento de la mortalidad por el cáncer colorectal. Miguel Muñoz Navas (Spain)
14:00-15:00  SYMPOSIUM:  
Artificial Intelligence

PRESIDENTS
José Ramón Armengol-Miró (Spain), Cesare Hassan (Italy) and Marina Ivantcova (Russia)

• AI in colonoscopy: where are we heading? Cesare Hassan (Italy)
• The role of Artificial intelligence assisted colonoscopy in CRC screening. Sergey Kashin (Russia)
• Artificial intelligence in endoscopy: fears and hopes. Aleksey Balalykin (Russia) and Marina Ivantcova (Russia)
• La IA en EUS. ¿Qué es? Leonardo Sosa (Venezuela)

15:00-16:00  Lunch and video transmission from the Institut de Recerca

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

Teams Salas: Jorge Olsina (Spain), Joan Dot (Spain), Sergey Kantsevoy (USA), Monder Abu Suboh (Spain), Marta Rosal (Spain), Marielle Esteves (Spain), Carla Fonseca (Spain), Alejandro Rojo (Spain) and Jordi Armengol (Spain)

Discussion guests: Jaume Boix (Spain), Joaquim Balsells (Spain), Juan Rocamora (Spain), Campo Elias Lindado (Venezuela), Enrique Castillo (Spain), Albis Hani (Colombia), Manuel de la Iglesia (Spain), Felipe Martinez Alcalá (Spain) and Eduardo Rodríguez (Spain)

16:00-16:45  Session 5

PRESIDENTS
Luis Carlos Sabbagh (Colombia) and Sergey Kashin (Russia)

MODERATORS
Joan M.ª Pou Fernández (Spain), Germán Alonso (Spain), Sarbelio Rodríguez (Spain), Marina Ivantcova (Russia), Jaume Boix Valverde (Spain) and Pedro Menchén (Spain)

ENDOLUMINAL THERAPEUTIC ENDOSCOPY

• Endoscopic stenting in the treatment of recurrent epiphrenic diverticulum after laparoscopic diverticulectomy. clinical case report. Alexey Gvozdev (Russia)
• Sentinel lymph node navigation in early gastric cancer. Sergey Kashin (Russia)
• EUS-guided cholangioduodenostomy. Denis Gusev (Russia)

16:45-17:15  Coffee break

17:15-18:15  Session 6  
TABLE OBESITY

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

Masterly Conferences

• Actualizaciones del tratamiento quirúrgico de la obesidad. Impacto de la tecnología y la robótica. Ramon Vilallonga (Spain)
• Tratamiento endoscopico de la obesidad. Roberto Fogel (USA/Venezuela)
• Update Obesity Surgery. José María Balibrea (Spain)
• Endoscopic revision of RYGD obese patients with weight regain. Milutin Bulajic (Serbia)

18:15  Closure
14.º INTERNATIONAL NOTES-WIDER-BARCELONA
Images from the operating theaters of the Department of Digestive Endoscopy at Hospital Vall d’Hebron, and from the Welcoming Dinner Symposium.
14th INTERNATIONAL NOTES-WIDER-BARCELONA
NATURAL ORIFICE TRANSLUMINAL ENDOSCOPIC SURGERY

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We expect you all!

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