

# 7<sup>th</sup> 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 DISCUSSION FORUM

[wider-barcelona.org](http://wider-barcelona.org)

**November 25 and 26, 2013**

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**



**Vall d'Hebron**  
Institut de Recerca



**Obra Social**  
Fundación "la Caixa"

# 7th INTERNATIONAL NOTES-W.I.D.E.R.- BARCELONA

## NATURAL ORIFICE TRANSLUMINAL ENDOSCOPIC SURGERY

### DIRECTORS

José Ramón Armengol-Miró, Manuel Armengol Carrasco  
and Antonio J. Torres García

### COORDINATORS

Jorge Olsina, Juan Dot, Joaquim Balcells and Monder Abu Suboh Abadia

### CONTRIBUTORS

José C. Salord Osses, Jordi Armengol Bertroli y Miquel Masachs Perecaula

### DESCRIPTION

The **7th International N.O.T.E.S.-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 del 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 **Institute of the Hospital Universitari Vall d'Hebron** (Universitat Autònoma de Barcelona) and **OLYMPUS Endoscopy, Laboratoris INIBSA** 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 Institute's rooms and Gastrointestinal Endoscopy Service HUVH with the auditorium HUVH Teaching Pavilion (Monday) and Cosmo-Caixa room (Tuesday) 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... etc.**

The course will also address the new implementation techniques arising from recent developments in research in NOTES as the **POEM** and **LECS** (Laparoscopic and Endoscopic Cooperative Surgery).



## 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.
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## SPONSORED BY

**FUNDACIÓN ESPAÑOLA DE ENDOSCOPIA DIGESTIVA**

**SOCIEDAD ESPAÑOLA MÉDICO-QUIRÚRGICA DE ENDOSCOPIA DIGESTIVA**

**W.I.D.E.R.-BARCELONA**

**(WORLD INSTITUTE FOR DIGESTIVE ENDOSCOPY RESEARCH)**

Actividad docente acreditada por el Consell Català de Formació Continuada de les Professions Sanitàries (en 2012), con **2,8 créditos, 15 horas lectivas**. (Enseñanza no reglada y sin carácter oficial) organizada por el Hospital Universitari Vall d'Hebron. Solicitada acreditación para 2013.

# 7th INTERNATIONAL NOTES-W.I.D.E.R.- BARCELONA

## NATURAL ORIFICE TRANSLUMINAL ENDOSCOPIC SURGERY

### SCIENTIFIC PROGRAM **Monday, November 25, 2013**

Auditorium of the Teaching Pavilion HOSPITAL UNIVERSITARI VALL D'HEBRON

08:30 **Registration**

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

José Ramón Armengol-Miró (Barcelona), Manuel Armengol Carrasco (Barcelona) y Antonio J. Torres García (Madrid)

09:00-10:45 **Session 1 - NOTES Present and future**

#### NOTES EXPERIMENTAL

##### PRESIDENTS

Manuel Armengol Carrasco (Barcelona), Zhou Pinghong (R.P. China) y J. Manuel Herrerías (Sevilla)

##### MODERATORS

Pedro Alonso Aguirre (A Coruña), Jean Escourrou (Francia), Eduardo Segal (Argentina), Per Ola Park (Suecia), y Zhang Xiaoguang (R.P. China)

- NOTES Closure techniques: endoscopic purse-string suture technique. Fan Zhining (R.P. China)
- NOTES assisted minilaparoscopic cholecystectomy. Julius Spicak (Rep. Checa)
- Endoscopic Closure of Iatrogenic colonic perforations: Randomized Controlled Trial on Animal Model and Init. Clinica Experience. M. Massachs (Barcelona)
- Endoscopic Retrograde Appendicitis Therapy (ERAT). Bing-Rong Liu (R.P. China)
- Contamination of abdominal cavity during transgastric NOTES procedure. Per Ola Park (Suecia)

**Discussion guests:** Jesús Espinel Díez (León), Luis Menchén VISO (Madrid), Marco Frascio (Italia), Zhang Xiaoguang (R.P. China), Julius Spicak (Rep. Checa), F. Pellicer Batista (Sevilla)

##### Special lecture

Future of NOTES. Sergey Kantsevoy (USA)

10:45-11:00 **Coffe break**

11:00-11:15 **Official Opening**

##### MODERATORS

José Ramón Armengol-Miró (Barcelona), Manuel Armengol Carrasco (Barcelona), Antonio J. Torres García (Madrid), y Zhou Pinghong (R.P. China)

11:15-11:55 **Actuality Masterly Conference**

##### PRESIDENTS

José Ramón Armengol-Miró (Barcelona), Manuel Armengol Carrasco (Barcelona) y Antonio J. Torres García (Madrid)

##### MODERATORS

Pedro Alonso Aguirre (A Coruña), Bing-Rong Liu (R.P. China), Josep Llach Vila (Barcelona), Alberto Montori (Italia) y Sandra Castro (Barcelona) y Alexandro Zambelli (Italia)

##### ACHALASIA—POEM: PERSPECTIVES: FACE TO FACE

- Estado actual. Experience, results. Stavros Stavropoulos (USA)
- Experience and expertise. Zhou Pinghong (R.P. China)

**Sesión 2 - Alternatives to NOTES**

11:55-13:55 **SYMPOSIUM: Single Port Access**

##### MODERATORS

Paul G. Curcillo (USA), Joaquin Balsells (Barcelona), Enrique Veloso (Tarrasa), Senol Carilli (Turquía) y Yury Starkov (Rusia)

##### Masterly Conference

State of the Art Sils 2013. Paul G. Curcillo (USA)

- Dispositivos, pincería, imagen, robótica en puerto único. Jesús Garijo (Madrid)
- Methods of performing safe SILS Cholecystectomy. Senol Carilli (Turquía)
- Comparativa colecistectomía transvaginal y PU. Resultados. José Noguera (Valencia)
- Colectomía derecha PU. Técnica. Tipos de anastomosis y resultados. Ida Isaias Alarcón (Sevilla)
- Colectomía izquierda PU. Técnica. Tipos de anastomosis, extracciones y resultados. Carlos Moreno (Alcázar de San Juan)
- Colectomía total PU. Técnica. Tipos de anastomosis y resultados. Marc Martí (Barcelona)
- Apendicectomía PU & Laparoscópica. Resultados. Rafael Villalobos (Lérida)
- Esplenectomía PU & transvaginal. Carmen Balagué (Barcelona)
- Adrenalectomía PU. Vía anterior o posterior. Oscar Vidal (Barcelona)

**Discussion guests:** Gonzalo Galofré (Barcelona), Octavio Mulet Zayas (Sevilla), M. Trias y Folch (Barcelona), Carlos Palazuelos (Santander) y J. Rocamora Serra (Alicante)

11:55-13:55 **Session 2 bis** (adjacent room).

##### Parallel Session with video transmission from the Research Institut. Working Group (Access and locking, tunneling techniques, myotomy, gastric reduction)

Transmisión del servicio de endoscopia digestiva, POEM.

**Teams Rooms:** Zhang Xiaoguang (R.P. China), Zhou Pinghong (R.P. China), Jorge Olsina (Lérida), Juan Dot (Barcelona), Sergey Kantsevoy (USA), Per-Ola Park (Suecia), Maria Bergström (Suecia), Joaquín De la Peña (Santander), Monder Abu Suboh (Barcelona), Marta Rosal (Barcelona), Marielle Esteves (Barcelona), Daniel Delgado Bellido (Sevilla), Bing-Rong Liu (R.P. China), Fan Zhining (R.P. China)

**Moderators and discussion guest:** Yanjun Guo (R.P. China), Ramon Boqué Genovard (Barcelona), J. M. Herrerías (Sevilla), Jose C. Salord Osés (Barcelona), Sun Qi Yu (R.P. China), Jean Escourrou (Francia), Song Ji-Tao (R.P. China), Pedro De las Vacas (Cáceres), Servando Fernández Díez (Madrid), Cui Guangxing (R.P. China), Roberto Foguel (USA/Venezuela), Jesús Ortiz (Paraguay), Julius Spicak (República Checa), J. Ramon Armengol-Miró (Barcelona), Dong Wan Seo (S. Korea), Mohamed El-Khattabi (Marruecos), Yongqiang Li (R.P. China), Weimin Liang (R.P. China) y Shihua Ding (R.P. China)



### 13:55-14:10 **Special lecture**

Preventive Surgery is it an acceptable strategy for cancer prevention? Alberto Montori (Italia)

#### **MODERATORS**

José Ramón Armengol-Miró (Barcelona), Manuel Armengol Carrasco (Barcelona), Antonio J. Torres García (Madrid), Sergey Kantsevov (USA), Maximo Crespi (Italia), Yanjun Guo (R.P. China)

### 14:10-15:30 **Lunch and video transmission from the Research Institut**

Transmission of cases from the Institut de Recerca rooms with interactive discussion with the hall of the General Hospital between Team in rooms and the panel discussion.

**Teams Room:** Zhang Xiaoguang (R.P. China), Zhou Pinghong (R.P.China), Jorge Olsina (Lérida), Juan Dot (Barcelona), Sergei Kantsevov (USA), Louis De Giau (México), J. De la Peña (Santander), M. Abu Suboh (Barcelona), Marta Rosal (Barcelona), Marielle Esteves (Barcelona), Song Ji-Tao (R.P. China)

**Discussion Panel:** Daniel Delgado Bellido (Sevilla), Servando Fernández Díez (Madrid), Joaquín Balsells (Barcelona), Juan Rocamora (Alicante), José Carlos Salord Osses (Barcelona), Enrique Castillo Begines (Burgos), Sergey Kashin (Rusia), José Olmedo (Ciudad Real), Fernando Rojas (Mexico), Eduardo Segal (Argentina), Jesús Ortiz (Paraguay), Campo Elías Lindado (Venezuela), José R. Armengol-Miró (Barcelona)

Transmisión del servicio de endoscopia digestiva, POEM. Zhou Pinghong (R.P.China), Bing-Rong Liu (R.P. China) y Fan Zhining (R.P. China)

### 15:30-17:15 **New Indications and technologies in Biliopancreatic Disease**

Simpósio: Endoluminal endoscopy and EUS Joint venture

#### **PRESIDENTS**

Pedro Alonso Aguirre (A Coruña), Alberto Montori (Italia), Sandra Castro (Barcelona), Alexandro Zambelli (Italia), Ramón Charco (Barcelona), Enric Laporte (Barcelona), Julius Spicak (Rep. Checa), Pedro Menchén Fernández-Pacheco (Madrid), Yanjun Guo (R.P. China)

#### **MODERATORS**

Luis Abreu (Madrid), Francisco Pellicer Bautista (Sevilla), Josep Llach (Barcelona), Joaquín Balcells (Barcelona), Louis De Giau (México), José Olmedo (Ciudad Real) y Marta Vila Costa (Barcelona), Song Ji-Tao (R.P. China), Alberto Testoni (Italia)

- Utility of contrast-enhancement harmonic EUS in pancreatobiliary malignancies. Dong Wan Seo (S. Korea)
- Controversial Issues in IPMN: EUS imaging and puncture. Kenneth Binmoeller (USA)
- Descriptive study about the correlation of findings of pancreatic cysts lesions by confocal laser microscopy and other diagnostic procedures (Premilinar). Miquel Masach (Barcelona)
- Endoscopic resection of ampullary tumors. Jean Escourrou (Francia)
- ERCP techniques roux-en-Y after gastric by-pass surgery. Maria Bergström (Suecia)
- EUS-guided biliary drainage after failed ERCP. Dong Wan Seo (S. Korea)

- Experiencia a single center, reference hospital, ERCP-EUS joint venture. Monder Abu Suboh (Barcelona)
- Definitive pancreatic drenaje by EUS guided in chronic pancreatitis. Joan Dot (Barcelona)
- Endoscopic approach of pancreatic pseudocyst and collections. Juan Gornals Soler (Hospitalet de Llobregat)

#### **Discussion guest:**

Agustín Panadés Arán (Barcelona), M. Morales Gordo (Barcelona), Emilio De la Morena Madrigal (Madrid), Sergey Kashin (Rusia), Campo Elías Lindado (Venezuela), Alberto Testoni (Italia), Mohamed El-Khattabi (Marruecos), Gregorio Zugasti Urdapilleta (San Sebastián)

### 17:15-17:30 **Coffe break**

### 17:30-17:45 **Special lecture**

Docencia en cirugía mínimamente invasiva. Futuro. Eduardo Targarona (Barcelona)

### 17:45 -19:00 **Mesa Abordaje Transanal**

#### **PRESIDENTS**

Manuel Armengol Carrasco (Barcelona), Yury Starkov (Rusia), Antonio J. Torres (Madrid), Alberto Montori (Italia)

#### **MODERATORS**

Javier Naval (Barcelona), Eloy Espín (Barcelona), Carlos Palazuelos (Santander) y Enric Laporte (Barcelona)

- Indicaciones actuales. Sistemas de acceso. Francesc Vallribera (Barcelona)
- Abordaje transanal. Indicaciones. Técnica. Resultados. Eloy Espín (Barcelona)
- Abordaje robótico en la vía transanal. Técnica y resultados. Marcos Gómez Ruiz (Santander)
- Extracción de piezas por vía naturales. Indicaciones y técnica. Ida Isaías Alarcón (Sevilla)
- Abordajes híbridos en las resecciones de colon. J. Francisco Noguera (Valencia)

### **SPECIAL EVENT [by personal invitation only]**

#### **Symposium Dinner-Welcome Banquet WIDER 2013- Museo CosmoCaixa**

Welcome to Barcelona.  
Dr. Xavier Trias i Vidal de Llobatera (Alcalde de Barcelona)

#### **Scientific Symposium**

#### **PRESIDENTS**

José Ramón Armengol-Miró (Barcelona), Alberto Montori (Italia)

#### **MODERATORS**

Zhou Pinghong (R.P.China), Curcillo, Paul G. (USA), Jean Escourrou (Francia), Yury Starkov (Rusia)

- Current status of endoscopic Therapy in S.Korea. Dong Wan Seo (S. Korea)
- New Ideas por Therapeutic Endoscopy. Sergey Kantsevov (USA)

**SCIENTIFIC PROGRAM** **Tuesday, November 26, 2013**

Science Museum CosmoCaixa. Isaac Newton, 26

08:30-10:00 **Session 3**

**OBESITY BOARD**

**MODERATORS**

Alberto Testoni (Italia), Antonio J. Torres (Madrid), Jose Manuel Fort (Barcelona), Roberto Foguel (USA)

Conferencia Magistral. Cirugía metabólica. Realidad o futuro. Antonio J. Torres (Madrid)

- Sleeve & By-passby SILS. Salvadora Delgado (Barcelona)
- Gastroplasty vertical endoscópica endoluminal, dos años de seguimiento. Roberto Foguel (USA/Venezuela)
- Cirugía bariátrica con Robot. Ramon Vilallonga (Barcelona)
- Métodos Barrera en tratamiento de la obesidad. Manoel Galvao (Brasil)
- Solución endoscópica de las complicaciones del tratamiento la obesidad. J. Boix (Badalona)
- Evidencia actual en el tratamiento de la obesidad, endoscopia & cirugía. J. M. Balibrea (Barcelona)

10:00-10:15 **Coffe break**

Durante toda la jornada, se realizarán transmisiones en directo de intervenciones, simultánea e interactivamente con el auditorio, desde el Servicio de Endoscopia Digestiva y el Institut de Recerca

10:15-12:15 **Endoscopic resections techniques**

- Conventional Polypectomy
- Endoscopic Mucosal Resection (EMR)
- Endoscopic Submucosal Dissection (ESD)
- Endoscopic Subserosal or Submuscular Dissection (ESSD)
- Endoscopic Submucosal Tunnel Dissection (ESTD)
- Endoscopic Full-Thickness Resection (EFTR)

**PRESIDENTS:**

José Ramón Armengol-Miró (Barcelona), Manuel Armengol Carrasco (Barcelona) y Antonio J. Torres García (Madrid), Alberto Montori (Italia) y Mohamed El-Khattabi (Marruecos)

**MODERATORS:**

Eloy Espín (Barcelona), Felipe Martínez Alcalá (Sevilla), Luis Abreu (Madrid), Leopoldo Lopez Roses (Lugo), Guillermo Cacho Acosta (Madrid), Enrique Castillo Begines (Burgos), Cui Guangxing (R.P.China), Alberto Testoni (Italia), Yury Starkov (Rusia), J. Miguel Esteban López Jamar (Madrid), Zhang Xiaoguang (R.P. China), Sandra Castro (Barcelona), Per-Ola Park (Suecia), Julius Spicak (Rep. Checa), Marc Martí (Barcelona)

**Introductory lecture by Sergey Kantsevoy on the "Road from biopsy to EFTR"**

Subepithelial Tumors

N. Yahagi (Japón), Stavros Stavropoulos (USA), Sergey Kantsevoy (USA), Zhou Pinghongn (R.P.China), Fan Zhining (R.P. China), Bing-Rong Liu (R.P. China), Sandra Castro (Barcelona), Claudia Valverde (Barcelona), Estefania Landolfi (Barcelona), J.Ramon Armengol-Miro (Barcelona), Leonardo Sosa (Venezuela), Kenneth Binmoeller (USA)

12:15-12:30 **Coffe break**

12:30-13:10 **Uptodate in Endoscopic Submucosal Dissection (ESD).** N. Yahagi (Japón)

13:10-14:15 **Endoscopic Full-Thickness Resection**

Stavros Stavropoulos (USA), Zhou Pinghongn (R.P. China), Sergey Kantsevoy (USA), Fan Zhining (R.P. China), Bing-Rong Liu (R.P. China), N. Yahagi (Japón)

**Discussion Panel**

J.M. Pou Fernández (Barcelona), Josep Llach Vila (Barcelona) Javier Naval (Barcelona), F. Pellicer Batista (Sevilla), Sarbelio Rodríguez Muñoz (Madrid), Pedro Menchén Fdez.-Pacheco (Madrid), Germán Alonso Mailló (Alicante), Eduardo Rodríguez Sánchez (Ciudad Real), Alberto Testoni (Italia), Sergey Kashin (Rusia), Luis C. Sabbagh (Colombia), Jaume Boix (Badalona), Servando Fernández Díez (Madrid), Joaquin Balsells (Barcelona), Juan Rocamora (Alicante), Jose L. Calleja (Madrid), Octavio Mulet Zayas (Sevilla), Yongqiang Li (R.P. China), Weimin Liang (R.P. China), Shihua Ding (R.P. China), Campo Elias Lindado (Venezuela), José R. Armengol-Miró (Barcelona) y Song Ji-Tao (R.P. China)

14:15-15:30 **Lunch**

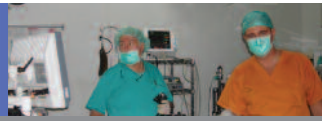
15:30-16:00 **Endoscopic Full-Thickness Resection Continued**

16:00-18:00 **VIDEO FORUM ENDOSCÓPICO Y QUIRÚRGICO**

Se anunciarán in situ. Mesa de videos a demanda.

18:00 **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  
Jose C. Salord  
Juan Dot  
Monder Abu Suboh Abadia  
Miquel Masachs  
Jordi Armengol  
Ana Benages  
M. Dolores Castillo Cejas  
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  
Marc 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

## Cuerpo Facultativo del Departamento de Cirugía Hospital Universitari Vall d'Hebron

Servicio de Cirugía Cardíaca  
Rafael Rodríguez Lecoq

Servicio de Cirugía Vascolar  
Manuel Matas Docampo  
Beatriz Álvarez García

Servicio de Urología  
Juan Morote Robles  
Miguel Ángel López Pacios

## Institut de Recerca Hospital Universitari Vall d'Hebron

Marta Rosal  
Marielle Esteves  
Carla Fonseca  
Alejandro Rojo



**E-NOTES (WIDER-B) List of invited speakers:**

<b>Abreu, Luis</b> (Madrid)	<b>Espinel Díez, Jesús</b> (León)
<b>Alonso Aguirre, Pedro</b> (A Coruña)	<b>Esteban López Jamar, Jose Miguel</b> (Madrid)
<b>Alonso Maillo, Germán</b> (Alicante)	<b>Fernández Díez, Servando</b> (Madrid)
<b>Balagué, Carmen</b> (Barcelona)	<b>Foguel, Roberto</b> (Florida USA - Venezuela)
<b>Balibrea, J.M.</b> (Barcelona)	<b>Fort, José Manuel</b> (Barcelona)
<b>Bergström, Maria</b> (Suecia)	<b>Frascio, Marco</b> (Génova, Italia)
<b>Bing-Rong Liu</b> (Harbin-R.P. China)	<b>Galofré, Gonzalo</b> (Barcelona)
<b>Binmoeller, Kenneth</b> (USA)	<b>Galvão Neto, Manoel</b> (Sao Paulo, Brasil)
<b>Boix Valverde, Jaume</b> (Badalona)	<b>Garijo, Jesús</b> (Madrid)
<b>Cacho Acosta, Guillermo</b> (Madrid)	<b>Gómez Fleitas, Manuel</b> (Santander)
<b>Calleja Panero, José Luis</b> (Madrid)	<b>Gómez Ruiz, Marcos</b> (Santander)
<b>Carilli, Senol</b> (Turquía)	<b>Gornals Soler, Joan</b> (Barcelona)
<b>Castillo Begines, Enrique</b> (Burgos)	<b>Guangxing, Cui</b> (Harbin, R.P. China)
<b>Castro, Sandra</b> (Barcelona)	<b>Herrerías Gutiérrez, Juan Manuel</b> (Sevilla)
<b>Charco, Ramón</b> (Barcelona)	<b>Isaias Alarcón, Ida</b> (Sevilla)
<b>Crespi, Máximo</b> (Italia)	<b>Kandilarov, N.</b> (Rusia)
<b>Curcillo, Paul G.</b> (Filadelfia, USA)	<b>Kantsevov, Sergey</b> (Baltimore, USA)
<b>De Giau, Louis</b> (México)	<b>Kashin, Sergey</b> (Rusia)
<b>De la Morena Madrigal, Emilio</b> (Madrid)	<b>Korolyov Michail</b> (Rusia)
<b>De la Peña, Joaquín</b> (Santander)	<b>Landolfi, Estefania</b> (Barcelona)
<b>De Lacy, Antonio M.</b> (Barcelona)	<b>Laporte, Enric</b> (Barcelona)
<b>Delgado Bellido, Daniel</b> (Sevilla)	<b>Li, Yongqiang</b> (R.P. China)
<b>Delgado Rivilla, Salvadora</b> (Barcelona)	<b>Liang, Weimin</b> (R.P. China)
<b>Ding, Shihua</b> (R.P. China)	<b>Lindado, Campo Elías</b> (Punto Fijo, Venezuela)
<b>El-Khattabi, Mohamed</b> (Marruecos)	<b>Llach Vila, Josep</b> (Barcelona)
<b>Escourrou, Jean</b> (Toulouse, Francia)	<b>López Roses, Leopoldo</b> (Lugo)
<b>Espín, Eloy</b> (Barcelona)	<b>Marti, Marc</b> (Barcelona)





## E-NOTES (WIDER-B) List of invited speakers:

- Martínez Alcalá, Felipe** (Sevilla)
- Menchén Fernández-Pacheco, Pedro** (Madrid)
- Menchén Viso, Luis** (Madrid)
- Montori, Alberto** (Roma, Italia)
- Morales Gordo, Manuel** (Barcelona)
- Moreno, Carlos** (Alcázar de San Juan)
- Morote, Juan** (Barcelona)
- Mulet Zayas, Octavio** (Sevilla)
- Naval, Javier** (Barcelona)
- Nikonov, Evgeny** (Rusia)
- Noguera, José F.** (Valencia)
- Olmedo, José** (Ciudad Real)
- Ortiz, Jesús** (Paraguay)
- Palazuelos, Carlos** (Santander)
- Panadés Arán, Agustín** (Barcelona)
- Park, Per-Ola** (Suecia)
- Pellicer Bautista, Francisco** (Sevilla)
- Pérez Roldán, Francisco** (Ciudad Real)
- Pou Fernández, Juan M<sup>a</sup>.** (Barcelona)
- Pradell, Jordi** (Barcelona)
- Rocamora Serra, Juan** (Alicante)
- Rodríguez Muñoz, Sarbelio** (Madrid)
- Rodríguez Sánchez, Eduardo** (Ciudad Real)
- Rojas, Fernando** (México)
- Sabbagh, Luis Carlos** (Colombia)
- Sánchez, José Luis** (Barcelona)
- Segal, Eduardo** (Argentina)
- Seo, Dong Wan** (S. Korea)
- Song Ji-Tao** (Harbin-R.P. China)
- Sosa, Leonardo** (Venezuela)
- Spicak, Julius** (Praga-Rep. Checa)
- Starkov, Yury** (Rusia)
- Stavropoulos, Stavros** (USA)
- Swanstrom, Lee** (Oregon, USA)
- Targarona, Eduardo M.** (Barcelona)
- Testoni, Alberto** (Italia)
- Torres García, Antonio J.** (Madrid)
- Trías i Folch, Manuel** (Barcelona)
- Urdapilleta Zugasti, Gregorio** (San Sebastián)
- Vallribera Valls, Francesc** (Barcelona)
- Valverde, Claudia** (Barcelona)
- Veloso Veloso, Enrique** (Tarrasa)
- Vidal, Oscar** (Barcelona)
- Vila Costa, Marta** (Barcelona)
- Villalobos, Rafael** (Lérida)
- Yahagi, Naohisa** (Japón)
- Yanjun Guo** (R.P. China)
- Zambelli, Alexandro** (Italia)
- Zanón Navarro, Vicente** (Barcelona)
- Zhang Xiaoguang** (R.P. China)
- Zhou Pinghong** (R.P. China)
- Zhining, Fan** (R.P. China)

# 7<sup>th</sup> INTERNATIONAL NOTES W.I.D.E.R.-BARCELONA

## NATURAL ORIFICE TRANSLUMINAL ENDOSCOPIC SURGERY

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[www.e-notes.es](http://www.e-notes.es)  
[www.ceton.es](http://www.ceton.es)  
[www.semqed.org](http://www.semqed.org)

### VENUES:

**MONDAY, 25:** 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.

**TUESDAY, 26:** MUSEO DE LA CIENCIA COSMOCAIXA  
C/ Isaac Newton 26, Barcelona 08022

### SECRETARY'S OFFICE: EDIMSA

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