

Official program

# 6<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



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**December 3-4th, 2012**

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"

## **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**

## **DESCRIPTION**

The **6th 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 with interactive discussion between the team and the discussion Panel.**

**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.**

## 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

**FUNDACIÓN ESPAÑOLA DE ENDOSCOPIA DIGESTIVA**

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

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

(WORLD INSTITUTE FOR DIGESTIVE ENDOSCOPY RESEARCH)

Esta actividad docente con número de expediente 09/06820-MD, está acreditada por el Consell Català de Formació Continuada de les Professions Sanitàries, con **2,8 créditos, 15 horas lectivas**. (Enseñanza no reglada y sin carácter oficial) organizada por el Hospital Universitari Vall d'Hebron.

## **SCIENTIFIC PROGRAM**

**Monday, December 3, 2012**

**08.30 Registration**

**08.45-09.00 Presentation**

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

**Session 1 - NOTES Present and future (09.00 – 10.45)**

### **NOTES EXPERIMENTAL**

#### **PRESIDENTS**

Manuel Armengol Carrasco (Barcelona), Sha Weihong (R.P. China) y JM Herrerías (Sevilla)

#### **MODERATORS**

Pedro Alonso Aguirre (A Coruña), Jean Escorrou (France), Eduardo Segal (Argentina), Abraham Mathew (USA), Francisco Valdovinos (Mexico) y Roque Saenz (Chile)

- Complications of NOTES: The Need for Refined Techniques. **Mohammad Al-Haddad (USA)**
- Infection prophylaxis study for NOTES. **Annette Fritscher-Raven (Alemania)**
- Full thickness biopsy technique and equipment. **Annette Fritscher-Raven (Alemania)**
- Choledocoduodenostomy. Gastroyeunostomy diferent options. **Juan Dot (Barcelona)**
- NOTES Closure techniques: How good are we in 2012? **Mohammad Al-Haddad (USA)**
- Mucosal vs. serosal OTSC closure: a randomized comparison study. **Tomas Hucl (Cz Rep.)**
- Video of endoscopic zenkers diverticulotomy. **Abraham Mathew (USA)**

**Discussion guests:** Jesús Espinel Díez (León), Dimitri Coumaros (Francia), Luis Menchén Viso (Madrid), Marco Frascio (Italia), Zhang Xiaoguang (R.P. China)

**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), Zhou Pinghong (R.P.China) y Evgeny Nikonov (Rusia)

**11.15-11.55 Masterly Conference**

“Steady Pressure Automatically Controlled Endoscopy (SPACE).” And prototype devices. **Kiyokazu Nakajima (Japón)**

Endoscopic suturing device: What it can add to your practice? **Sergey Kantsevov (USA)**

**Session 2 - Alternatives to NOTES**

**SIMPOSIUM: Single Port Access (11.55 – 13.55)**

#### **MODERATORS**

Paul G. Curcillo (USA), Joaquín Balsells (Barcelona), Enrique Veloso (Tarrasa), Salvador Morales Conde (Sevilla), Senol Carilli (Turkey) y Yury Starkov (Rusia)

#### **Masterly Conference:**

Reduced Port Surgery – Combining all Platforms for the Future. **Paul G. Curcilo (USA)**

**Session 2 12.10-13.55**

#### **SINGLE PORT BOARD**

- Cirugía intragástrica por Puerto Único. **Jesús Garijo (Madrid)**
- Comparison study of Magnet, Endograb, Single suture and two sutures retraction methods in single incision laparoscopic cholecystectomy. **Senol Carilli (Turkey)**
- Appendicectomía por puerto único. Está justificada? **Rafael Villalobos (Lérida)**
- Colectomía total por puerto único. Técnica. **Marc Martí (Barcelona)**
- Cirugía de cólon por puerto único, extracción por orificios naturales versus transumbilical. ¿Qué aporta? **Salvador Morales ( Sevilla)**
- Cirugía radical de colon mínimamente invasiva sin estoma y sin incisión de asistencia. **Eloy Espín (Barcelona)**
- Adrenalectomías por puerto único. Técnicas, resultados y estado actual. **Oscar Vidal (Barcelona)**
- Splenectomía por puerto único. Técnicas e indicaciones. **Eduardo Targarona (Barcelona)**
- A novel single incision TEP repair of inguinal hernia. **Senol Carilli (Turkey)**

#### **DISCUSSION**

#### **Discussion guests:**

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

**Session 2bis (adjacent room). Parallel Session with video transmission from the Research Institut. Working Group (Access and locking, tunneling techniques, myotomy, gastric reduction) (11.55 – 13.55)**

Transmisión del servicio de endoscopia digestiva, POEM. **Zhou Pinghong (R.P.China), Harohiro Innoue (Japan)**



**Teams Rooms:** Zhang Xiaoguang (R.P. China), Zhou Pinghong (R.P.China), Harohiro Innoue (Japan), Jorge Olsina (Lérida), Juan Dot (Barcelona), Guillermo Domínguez (Argentina), Sergey Kantsevov (USA), Per-Ola Park (Suecia), Maria Bergstrom (Suecia), Joaquín De la Peña (Santander), Monder Abu Suboh (Barcelona), Marta Rosal (Barcelona), Marielle Esteves (Barcelona), Daniel Delgado Bellido (Sevilla), Annette Fritscher-Raven (Alemania), Abraham Mathew (USA), Mohammad Al-Haddad (USA)

**Moderators and discussion guests:** Ramon Boqué Genovard (Barcelona), J M Herrerías (Sevilla), Jose C. Salord Oses (Barcelona), Dimitri Coumaros (Francia), Jean Escourrou (Francia), Pedro De las Vacas (Cáceres), Servando Fernández Díez (Madrid), Roberto Foguel (USA-Venezuela), Jesús Ortiz (Paraguay), Weihong Sha (R. P. China), Tomas Hucl (República Checa), José R. Armengol-Miró (Barcelona)

### 13.55-14.10 Lecturas especiales

#### MODERATORS

José Ramón Armengol-Miró (Barcelona), Manuel Armengol Carrasco (Barcelona), Antonio J. Torres García (Madrid), Luis Carlos Sabbagh (Colombia) y Sergey Kantsevov (USA)

Minimizing abdominal wall trauma in bariatric surgery: looking for NO scar procedures. Antonio J. Torres García (Madrid)

### 14.10-16.00 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 Rooms:** 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), Daniel Delgado Bellido (Sevilla)

**Discussion Panel:** Alejandro Fernández Simón (Cáceres), Servando Fernández Díez (Madrid), Joaquin Balsells (Barcelona), Juan Rocamora (Alicante), José C. Salord Oses (Barcelona), Enrique Castillo Begines (Burgos), Sergey Kashin (Rusia), Jose Olmedo (Ciudad Real), Fernando Rojas (Mexico), Eduardo Segal (Argentina), Jesus Ortiz (Paraguay) Campo Elias Lindado (Venezuela), José R. Armengol-Miró (Barcelona)

Transmisión del servicio de endoscopia digestiva, POEM. Zhou Pinghong (R.P.China), Harohiro Innoue (Japan)

### 16.00-17.00 Symposium: Achalasia - Poem

#### PRESIDENTS

Weihong Sha (R.P. China), Vicente Zanón Navarro (Barcelona), Pedro Alonso Aguirre (A Coruña), Alberto Montori (Italy) y Sandra Castro (Barcelona)

- History, methods and Results. Harohiro Innoue
- Estado actual. Stavropoulos Stavros
- JPOEM for Achalasia. Which to do. J. Ponsky (USA)
- Experience and expertise. Zhou Pinghong (R.P.China)

### 17.00 -18.45 New Indications and technologies in Biliopancreatic Disease

#### MODERATORS

Luis Abreu (Madrid), Francisco Pellicer Bautista (Sevilla), Josep Llac (Barcelona), Ramón Charco (Barcelona), Louis De Giau (México), José Olmedo (Ciudad Real) y Marta Vila Costa (Barcelona)

- Modern strategies for bile duct stones. Jeffrey Ponsky (USA)
- Manejo endoscópico de las complicaciones biliares después del trasplante hepático. Andrés Cárdenas (Barcelona)
- Cancer de pancreas. EUS contra todos. Leonardo Sosa (Venezuela)
- Tumores subepiteliales patrones diagnosticos por EUS. Leonardo Sosa (Venezuela)
- Endoscopic treatment of pancreatic pseudocyst. Juan Gornals Soler (Hospitalet Llobregat)
- Drainage of pancreatic abscessis/cysts - different options". Perola Park (Sweden)
- Minimally Invasive Management of pancreatic necrosis and fluid collections. Monder Abu Suboh (Barcelona)

#### Discussion guests:

M. Morales Gordo (Barcelona), Emilio De la Morena Madrigal (Madrid), Sergey Kashing (Rusia), Campo Elías Lindado (Venezuela), Alberto Testoni (Italia)

## SPECIAL EVENT [by personal invitation only]

### Symposium Dinner-Welcome Banquet WIDER 2012- CAIXAFORUM

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

#### Cientific Symposium

##### PRESIDENTS

José Ramón Armengol-Miró (Barcelona), Alberto Montori (Italia) y Jeffrey Ponsky (USA)

##### MODERATORS

Weihong Sha (R.P. China) y Dong Ki Lee (S. Korea)

- Current status of endoscopic resection in China: Zhongshan's experience. Zhou Pinghong (R.P.China)
- Portable intraluminal Operating Room: A Gastroenterologist's dream finally came true. Sergey Kantsevov (Baltimore, USA)

# 6th INTERNATIONAL NOTES-W.I.D.E.R.- BARCELONA

## NATURAL ORIFICE TRANSLUMINAL ENDOSCOPIC SURGERY

**Tuesday, December 4, 2012**

### **Session 3 - (08.30 – 10.30)**

#### **CLINIC NOTES BOARD**

##### **PRESIDENTS**

Manuel Armengol Carrasco (Barcelona),  
Antonio Torres (Madrid), Alberto Montori (Italia)

##### **MODERATORS**

Alberto Testoni (Italia), Sergey Kasin (Rusia), Luis Carlos Sabbagh (Colombia), Cen Rongying (R.P. China) y Sandra Castro (Barcelona)

- TEM. PRESENTE Y FUTURO. Francesc Vallribera Valls (Barcelona)
- Transvaginal NOTES- Technique and Complications. Ricardo Zorron (Alemania)
- Ensayo clínico de colecistectomía vía puerto único y vía transvaginal con endoscopio flexible. Jose Noguera (Palma de Mallorca)
- Endoluminal fundoplication by Esophyx. Alberto Testoni (Italia)
- Transrectal NOTES as the Future of Colorectal Surgery. Ricardo Zorron (Alemania)
- Novedades en Cirugía colorrectal mediante NOTES. Antonio M. De Lacy (Barcelona)

#### **Video transmission from the Hospital Universitari de Lleida Arnau de Vilanova**

Servicio de Cirugía. Jorge Olsina (Lérida)

Cirugía con Imanes. Guillermo Domínguez (Argentina)

10.30-10.45 **Coffe break**

### **Session 4 - (10.45 – 11.45)**

#### **Special Lectures**

##### **MODERATORS**

Felipe Martínez Alcalá (Sevilla), Luis Abreu (Madrid), Leopoldo Lopez Roses (Lugo), Guillermo Cacho Acosta (Madrid), Enrique Castillo Bégines (Burgos) y Andres Cardenas (Barcelona)

- Endoscopic management of difficult benign biliary strictures: through SEMS and MCA. Dong Ki Lee (R.Soud Korea)
- "Anastomotic leakage and endoscopic treatment options". Per-Ola Park (Sweden)
- Mejoras en la disección endoscópica submucosa: hidrodissección. Joaquín De la Peña (Santander)
- The power of the scopes: Digestive Endoscopy meet Abdominal Surgery. Alberto Montori (Itali)

### **Session 5 - (12.00 – 14.00)**

#### **ENDOLUMINAL THERAPEUTIC ENDOSCOPY**

##### **MODERATORS**

J.M. Pou Fernández (Barcelona), Sarbelio Rodríguez Muñoz (Madrid), Pedro Menchén Fdez.-Pacheco (Madrid), Germán Alonso Mailló (Alicante) y Eduardo Rodríguez Sánchez (Ciudad Real)

- Perforated duodenal ulcer and stenting. Maria Bergstöm (Sweden)
- Endoscopic approach to post-surgical fistulas (Self- expandable metallic or plastic stent (SEMS) (SEPS) OTSC, APONOS CLIP Endosponge Vicryl plugs). Rita Conigliaro (Italy)
- Endoscopic management of Barret's oesophagus with superficial neoplastic lesions. Dimitri Coumaros (Francia)
- Oesophageal, gastroduodenal and colonic stents in the management malignant obstructions. Dimitri Coumaros (Francia)

#### **Discussion guests:**

Alejandro Fernández Simón (Barcelona) Luis Eduardo Zamora Nava (México) y Zhang Xiaoguang (R.P. China)

#### **14.00-16.00 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 Rooms:** Zhang Xiaoguang (R.P. China), Zhou Pinghong (R.P.China), Harohiro Innoue (Japón), Jorge Olsina (Lérida), Juan Dot (Barcelona), Peter N. Meier (Alemania), Sergey Kantsevov (USA), Per-Ola Park (Suecia), Joaquín De la Peña (Santander), Monder Abu Suboh (Barcelona), Marta Rosal (Barcelona), Marielle Esteves (Barcelona) y Daniel Delgado Bellido (Sevilla)

**Discussion Panel:** Jaume Boix (Barcelona), Servando Fernández Díez (Madrid), Joaquin Balsells (Barcelona), Juan Rocamora (Alicante), Jose L. Calleja (Madrid), Octavio Mulet Zayas (Sevilla), Campo Elias Lindado (Venezuela), José Armengol-Miró (Barcelona)

## Session 6 - (16.00-17.00)

### OBESITY BOARD

#### MODERATORS

Antonio Torres (Madrid), Jose Manuel Fort (Barcelona), Roberto Foguel (USA) y Ricardo Zorron (Alemania)

- Nuevas técnicas en cirugía bariátrica. Antonio Torres (Madrid)
- Sleeve gastrectomy puerto único versus reduced port. Técnica e indicaciones. Carmen Balaguer (Barcelona)
- Sleeve gastrectomy via NOTES híbrida. Técnica e indicaciones. Salvadora Delgado (Barcelona)
- Gastroplastia vertical endoscópica un año de seguimiento. Roberto Foguel (USA)
- New applications of NOTES and Single Port for Bariatric Surgery. Ricardo Zorron (Alemania)
- Tratamiento Endoscópico de las Complicaciones de la cirugía bariátrica. Jaime Boix Valverde (Badalona)

17.00-17.15 Coffe break

## Session 7 - (17.15-18.30)

### ROBOTICS BOARD

#### MODERATORS

Juan Morote (Barcelona), Javier Naval (Barcelona), Eloy Espín (Barcelona), Carlos Palazuelos (Santander) y Enrique Laporte (Barcelona)

- Prostatectomía radical robótica Juan Morote (Barcelona)
- Experiencia en la resección de colon y recto mediante robótica por laparoscopia. Indicación, ventajas e inconvenientes. Eloy Espín (Barcelona)
- Robótica aplicada a la cirugía de la obesidad. Sleeve & by pass. Indicaciones, ventajas e inconvenientes. José Manuel Fort (Barcelona)
- Aportaciones de la tecnología robótica a la NOTES. Marcos Gómez Ruiz (Santander)

Closure



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

José Ramón Armengol-Miró

Jorge Olsina

Joaquín Balsells

Ramón Vilallonga

Manel Armengol Carrasco

José C. Salord

Juan Dot

Monder Abu Suboh Abadia

Miquel Masachs

Jordi Armengol

Ana Benages

Louis de Giau

Jaume Boix

Manuel Morales

Daniel Delgado Bellido



Vicente Zanón

Jordi Pradell

Ramón Boque

Sandra Castro

José Antonio Baena

José Manuel Fort

Oscar Gonzalez

Eloy Espín

Marc Martí

Francesc Vallribera

José Luis Sanchez

José Luis Lázaro

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

### Servicio de Cirugía Cardíaca

Rafael Rodríguez Lecoq

### Servicio de Cirugía Vascular

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

### International

Sergey Kantsevov

Per-Ola Park

Irving Waxman

Naohisa Yahagi

Kiyokazu Nakajima

Luis Carlos Sabbagh

Nageshwar Reddy

Abraham Mathew

Louis de Giau

Guillermo Domínguez

Leonardo Sosa

Sha, Weihong

Manoel Galvão Neto

**E-NOTES (WIDER-B) Lista de ponentes invitados:**

**Abreu, Luis** (Madrid)

**Al-Haddad, Mohammad** (Indiana, USA)

**Alonso Aguirre, Pedro** (A Coruña)

**Alonso Maillo, Germán** (Alicante)

**Bergström, Maria** (Suecia)

**Boix Valverde, Jaume** (Badalona)

**Cacho Acosta, Guillermo** (Madrid)

**Calleja Panero, José Luis** (Madrid)

**Cardenas, Andrés** (Barcelona)

**Cardos, Fernando** (Argentina)

**Castillo Begines, Enrique** (Burgos)

**Castro, Sandra** (Barcelona)

**Charco, Ramón** (Barcelona)

**Conigliaro Rita** (Italia)

**Coumaros, Dimitri** (Francia)

**Curcillo, Paul G.** (Filadelfia, USA)

**De Giau, Louis** (México)

**De Lacy, Antonio M.** (Barcelona)

**De la Morena Madrigal, Emilio** (Madrid)

**De la Peña, Joaquín** (Santander)

**De las Vacas, Pedro** (Cáceres)

**Delgado Bellido, Daniel** (Sevilla)

**Delgado Rivilla, Salvadora** (Barcelona)

**Domínguez, Guillermo** (Argentina)

**Dong Ki Lee** (S. Korea)

**Escourrou, Jean** (Toulouse, Francia)

**Espinel Díez, Jesús** (León)

**Esteban Lopez Jamar, Jose Miguel** (Madrid)

**Fernández Díez, Servando** (Madrid)

**Fernández Simón, Alejandro** (Barcelona)

**Foguel, Roberto** (Florida USA - Venezuela)

**Fort, José María** (Barcelona)

**Frascio, Marco** (Génova, Italia)

**Fritscher-Raven, Annette** (Alemania)

**Galofré, Gonzalo** (Barcelona)

**Garijo, Jesús** (Madrid)

**Gómez Fleitas, Manuel** (Santander)

**Gómez Ruiz, Marcos** (Santander)

**Gornals Soler, Joan** (Barcelona)

**Herrerías Gutiérrez, Juan Manuel** (Sevilla)

**Hucl, Tomas** (Rep. Checa)

**Innue Haruhiro** (Japón)

**Joung Kito** (Panamá)

**Kandilarov, N.** (Bulgaria)

**Kantsevov, Sergey** (Baltimore, USA)

**Kashin, Sergey** (Rusia)

**Korolyov Michail** (Rusia)

**Laporte, Enrique** (Sabadell)

**Lindado, Campo Elías** (Punto Fijo, Venezuela)

**Llach Vila, Josep** (Barcelona)





## E-NOTES (WIDER-B) Lista de ponentes invitados:

- López Roses, Leopoldo** (Lugo)
- Marc, Marti** (Barcelona)
- Martínez Alcalá, Felipe** (Sevilla)
- Mathew, Abraham** (Pensilvania, USA)
- Menchén Fernández-Pacheco, Pedro** (Madrid)
- Menchén Viso, Luis** (Madrid)
- Montori, Alberto** (Roma, Italia)
- Morales Conde, Salvador** (Sevilla)
- Morales Gordo, Manuel** (Barcelona)
- Mulet Zayas, Octavio** (Sevilla)
- Nakajima, Kiyokazu** (Osaka, Japón)
- Naval, Javier** (Barcelona)
- Nikonov, Evgeny** (Rusia)
- Noguera, José F.** (Palma de Mallorca)
- 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)
- Piñeiro, Eduardo** (Mexico)
- Ponsky, Jeffrey** (USA)
- Pou Fernández, Juan M<sup>a</sup>.** (Barcelona)
- Rocamora Serra, Juan** (Alicante)
- Rodríguez Muñoz, Sarbelio** (Madrid)
- Rodríguez Sánchez, Eduardo** (Ciudad Real)
- Rojas, Fernando** (México)
- Rongying, Cen** (R. P. China)
- Sabbagh, Luis Carlos** (Colombia)
- Sáenz Coromina, Alejandro** (Barcelona)
- Sáenz, Roque** (Chile)
- Segal, Eduardo** (Argentina)
- Sha, Weihong** (R. P. China)
- Sosa, Leonardo** (Venezuela)
- Spicak, Julius** (Praga, República Checa)
- Starkov, Yury** (Rusia)
- Stavropoulos Stavros N.** (USA)
- Targarona, Eduardo M.** (Barcelona)
- Testoni, Alberto** (Italia)
- Torres García, Antonio J.** (Madrid)
- Trías i Folch, Manuel** (Barcelona)
- Valdovinos, Francisco** (Mexico)
- Veloso Veloso, Enrique** (Terrasa)
- Vidal, Oscar** (Barcelona)
- Vila Costa, Marta** (Barcelona)
- Zamora Nava, Luis Eduardo** (Mexico)
- Zanón Navarro, Vicente** (Barcelona)
- Zhang Xiaoguang** (R. P. China)
- Zhou Pinghong** (China)
- Zorron, Ricardo** (Alemania)

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

## NATURAL ORIFICE TRANSLUMINAL ENDOSCOPIC SURGERY

[www.wider-barcelona.org](http://www.wider-barcelona.org) • [director@wider-barcelona.org](mailto:director@wider-barcelona.org)



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

### **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.



**REGISTRATION:** [edimcat@edimsa.es](mailto:edimcat@edimsa.es)

### **SECRETARY'S OFFICE: EDIMSA**

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