

Official program

10th INTERNATIONAL NOTES W.I.D.E.R.-BARCELONA

UAB
Universitat Autònoma
de Barcelona

NATURAL ORIFICE TRANSLUMINAL ENDOSCOPIC SURGERY

HOSPITAL UNIVERSITARI VALL D'HEBRON 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**

**10
YEARS LATER**

wider-barcelona.org

November 21 and 22, 2016

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

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 Vall d'Hebron
Institut de Recerca

 **"la Caixa" Foundation**

10th INTERNATIONAL NOTES-W.I.D.E.R.-BARCELONA

NATURAL ORIFICE TRANSLUMINAL ENDOSCOPIC SURGERY

DIRECTORS

J.R. Armengol-Miró, M. Armengol Carrasco, A.J. Torres García y Joan Dot Bach

COORDINATORS

Jorge Olsina, Joaquim Balsells, Monder Abu Suboh Abadia y Jordi Armengol Bertrolí

CONTRIBUTORS

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

DESCRIPTION

The **10th 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 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 **WIDER-Barcelona, Hospital Universitari Vall d'Hebron** (Universitat Autònoma de Barcelona), **Institute of the Hospital Universitari Vall d'Hebron** (Universitat Autònoma de Barcelona) 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.



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.

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FUNDACIÓN ESPAÑOLA DE ENDOSCOPIA DIGESTIVA
SOCIEDAD ESPAÑOLA MÈDICO-QUIRÚRGICA DE ENDOSCOPIA DIGESTIVA
W.I.D.E.R.-BARCELONA
(WORLD INSTITUTE FOR DIGESTIVE ENDOSCOPY RESEARCH)

10th INTERNATIONAL NOTES-W.I.D.E.R.-BARCELONA

NATURAL ORIFICE TRANSLUMINAL ENDOSCOPIC SURGERY

SCIENTIFIC PROGRAM **Monday, November 21, 2016**

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), Antonio J. Torres García (Madrid) y Joan Dot (Barcelona)

09:00-10:15 **Session 1 - NOTES Present and future New ways of seeing g in Minimally Invasive Surgery**

PRESIDENTS

Manuel Armengol Carrasco (Barcelona), Marco Frascio (Italia), Liu Bing-Rong (R.P. China) y Yury Starkov (Rusia)

MODERATORS

Eduardo M. Targarona (Barcelona), Jorge Olsina (Lérida) y Joaquim Balsells (Barcelona)

- New ways in Imaging: 3d and 4k. Eduardo M. Targarona (Barcelona)
- Fluorescence guided surgery. Basic knowledge and potential developments. M. Diana, Strasbourg (Francia)
- Fluorescence guided surgery. Clinical applications and results. S. Morales (España)
- Fusion and Hibrid Imaging Surgery. Landmark or Fashion?: Concept and indications. M. Giménez (Argentina)

Discussion guests: Gonzalo Galofré (Barcelona), Octavio Mulet Zayas (Sevilla), M. Trias i Folch (Barcelona), Alejandro Sáez Coromina (Barcelona), J. Rocamora Serra (Alicante), Albis Hani (Colombia) y Alberto Ferreres (Argentina)

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

Endoluminal resection: Defining the Holy Grail for Flexible Endoscopic surgery
Sergey Kantsevov (USA)

10:45-11:15 **Official Opening**

MODERATORS

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

Conference

WIDER-BARCELONA the next step:
Multidisciplinary operating room
José Ramón Armengol-Miró (Barcelona)

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

11:30-12:15 **Actuality Masterly Conference**

PRESIDENTS

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

MODERATORS

Bing-Rong Liu (R.P. China), Alberto Montori (Italia), Sandra Castro (Barcelona), Maurizio Zilli (Italia) y Alberto Ferreres (Argentina)

ADVANCES in NOTES

- The R&D frontline: 10 years' summary and towards next 10 years. Kiyokazu Nakajima (Japón)
- What's new in the third space endoscopy. Mei-Dong Xu (R.P. China). Zhou Pinghong (R.P. China)
- EMR and ESD in the treatment of non polypoid of the rectum lesions. Alberto Montori (Italia)

Session 2

12:15-13:00 **Live Sesion**

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 (R.P. China), Jorge Olsina (Lérida), Juan Dot (Barcelona), Sergey Kantsevov (USA), Per-Ola Park (Suecia), Maria Bergström (Suecia), Monder Abu Suboh (Barcelona), Marta Rosal (Barcelona), Marielle Esteves (Barcelona), Daniel Delgado Bellido (Sevilla), Bing-Rong Liu (R.P. China), Lin Shijian Kong (R.P. China), Fan Zhiming (R.P. China), Milutin Bulajic (Serbia), J. Galloro (Italia), Guillermo Dominguez (Argentina), Nereo Guillermo Salas (México), Kiyokazu Nakajima (Japón), Celso González Marsal (Venezuela), Jordi Armengol Bertroli (Barcelona) y Stavros Stavropoulos (USA)

Moderators and discussion guests: J. M. Herrerías (Sevilla), José C. Salord Oses (Barcelona), Jean Escourrou (Francia), Song Ji-Tao (R.P. China), Roberto Foguel (USA/Venezuela), Jesús Ortiz (Paraguay), J. Ramon Armengol-Miró (Barcelona), Mohamed El-Khattabi (Marruecos), Yongqiang Li (R.P. China), Weimin Liang (R.P. China) y Maurizio Zilli (Italia)

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

PRESIDENTS. Manuel Armengol Carrasco (Barcelona), Marco Frascio (Italia) y Liu Bing-Rong (R.P. China)

MODERATORS. Jean Escourrou (Francia), Eduardo Segal (Argentina), Per Ola Park (Suecia), Zhang Xiaoguang (R.P. China), Maurizio Zilli (Italia), Eduardo M. Targarona (Barcelona) y Jorge Olsina (Lérida)

- Endoscopic submucosal dissection for losing weight. Liu Bing-Rong (R.P. China)
- Stent treatment or surgical closure for perforated duodenal ulcers, preliminary results from a Swedish randomized controlled trial. Jorge Arroyo Vázquez (Suecia)
- Gastric/duodenal bacterial colonisation in a Swedish population - is there a need for changes in antibiotic prophylaxis. Maria Bergström (Suecia)
- Transrectal Gallbladder Preserving Cholecystolithotomy (TRGPC) and Transrectal Gallbladder Preserving Polypectomy (TRGPP). Liu Bing-Rong (R.P. China)
- Pyloric response to stentplacement. Per-Ola Park (Suecia)

Discussion guests: Luis Menchén Viso (Madrid), Francisco Pellicer Batista (Sevilla), Senol Carilli (Turquía), Josep Galloro (Italia), Albis Hani (Colombia) y Sha Weihong (R.P. China)

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

G-POEM and EFTR: New kids on the block

Mei-Dong Xu (R.P. China). Zhou Pinghong (R.P. China)



MODERATORS

José Ramón Armengol-Miró (Barcelona), Manuel Armengol Carrasco (Barcelona), Antonio J. Torres García (Madrid), Sergey Kantsevov (USA), Sarbelio Rodríguez (Madrid) y Lin Shijan Kong (R.P. China)

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

Transmisión de casos desde las salas de Recerca con discusión interactiva con el salón de actos del Hospital General entre los Team de las Salas y el Panel de discusión.

Teams Sala: Zhang Xiaoguang (R.P. China), Jorge Olsina (Lérida), Juan Dot (Barcelona), Sergei Kantsevov (USA), M. Abu Suboh (Barcelona), Celso González Marsal (Venezuela), Marta Rosal (Barcelona), Marielle Esteves (Barcelona), Song Ji-Tao (R.P. China), Guillermo Domínguez (Argentina) y Nereo Guillermo Salas (México)

Discussion Panel: Joaquim Balsells (Barcelona), Juan Rocamora (Alicante), José Carlos Salord Osses (Barcelona), Enrique Castillo Begines (Burgos), Sergey Kashin (Rusia), Fernando Rojas (Mexico), Eduardo Segal (Argentina), Jesús Ortiz (Paraguay), Campo Elias Lindado (Venezuela), José R. Armengol-Miró (Barcelona)

Transmisión del servicio de endoscopia digestiva. Bing-Rong Liu (R.P. China), Fan Zhining (R.P. China), Stavros Stavropoulos (USA), Zhou Pinghong (R.P. China) y Sergey Kantsevov (USA)

15:30-16:50 **Disputes between Endoscopic Surgery and Endoluminal Endoscopy**

MODERATORS

Joaquim Balsells (Barcelona), Enrique Veloso (Tarrasa), Senol Carilli (Turquía), Yury Starkov (Rusia) y Bing-Rong Liu (R.P. China)

POEM

- Submucosal endoscopy (POEM, G-POEM, STER, etc.) - the Czech experience. Jan Martinek (Rep. Checa)
- The current status of POEM outcomes and POEM technique including pitfalls, tips and tricks. Stavros Stavropoulos (USA)
- Current outcomes and GERD. Stavros Stavropoulos (USA)
- Post procedure care of POEM patients, is imaging necessary? Abraham Mathew (USA)
- From start to now. Zhou Pinghong (R.P. China)
- Surgical point view. Sandra Castro (Barcelona)

Hiatal Hernia

- Clinical application of GERDx for antireflux therapy (Plicator). George Spaun Castro (Austria)
- Transoral Fundoplication Offers Durable Symptom Control for Chronic GERD: 3-year Report from the TEMPO Randomized Trial. Adrian Lobontiu y Skip Baldino (USA)
- Endoscopic surgical point of view. Sandra Castro (Barcelona)

Discussion guests: Gonzalo Galofré (Barcelona), Octavio Mulet Zayas (Sevilla), M. Trias i Folch (Barcelona), Alejandro Sáez Coromina (Barcelona), J. Rocamora Serra (Alicante), Marco Frascio (Italia) y Albis Hani (Colombia)

16:50-17:05 **Coffee break**

17:05-19:20 **SIMPOSIO: Endoluminal endoscopy and EUS Joint venture**

PRESIDENTS

Alberto Montori (Italia), Sandra Castro (Barcelona), Maurizio Zilli (Italia), Ramón Charco (Barcelona), Enric Laporte (Barcelona)

MODERATORS

Francisco Pellicer Bautista (Sevilla), Joaquim Balsells (Barcelona), José Olmedo (Ciudad Real) y Marta Vila Costa (Barcelona) y Song Ji-Tao (R.P. China)

Special Conference

Abordaje pancreático por endosonografía. Irving Waxman (USA)

ERCP

- How to perform safe ERCP - A systematic approach. Rajesh Gupta (India)
- The use of radiofrequency ablation for GI disease. Helga Bertani (Italia)
- Current challenges in endoscopic treatment of malignant hilar strictures. Milutin Bulajic (Serbia)
- Percutaneous approach to Bile duct Injury Percutaneous techniques in unresectable HBP cancer Images & Surgery. Where do we stand? Mariano Giménez (Argentina)
- Transrectal Gallbladder Preserving Cholecystolithotomy (TRGPC) and Transrectal Gallbladder Preserving Polypectomy (TRGPP) Bing-Rong Liu (China)
- Endoscopic management of high level benign stricture with modified full covered metal stent. Dong Ki Lee (S. Korea)
- Endoscopic management of completely obstructed/ disconnected bile duct lesions. Dong Ki Lee (S. Korea)

Discussion guests: Agustín Panadés Arán (Barcelona), M. Morales Gordo (Barcelona), Emilio De la Morena Madrigal (Madrid), Sergey Kashin (Rusia), Campo Elias Lindado (Venezuela), Mohamed El-Khattabi (Marruecos), Milutin Bulajic (Serbia) y Albis Hani (Colombia)

SPECIAL EVENT [by personal invitation only]

Symposium Dinner-Welcome Banquet WIDER 2016- Museo CosmoCaixa

Welcome to Barcelona

Hble. Antoni Comín (Conseller de Salut de la Generalitat de Catalunya)

Scientific Symposium

PRESIDENTS

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

MODERATORS

Kiyokazu Nakajima (Japón), Liu Bing-Rong (R.P. China), Maurizio Zilli (Italia), Antonio J. Torres García (Madrid)

- La endoscopia en Chicago en los diez últimos años. Irving Waxman (USA)
- Diagnostic and therapeutic endoscopy: What is next? Sergey Kantsevov (USA)

10th INTERNATIONAL NOTES-W.I.D.E.R.-BARCELONA

NATURAL ORIFICE TRANSLUMINAL ENDOSCOPIC SURGERY

SCIENTIFIC PROGRAM **Tuesday, November 22, 2016**

Auditorium of the Teaching Pavilion HOSPITAL UNIVERSITARI VALL D'HEBRON

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

CLINIC NOTES BOARD

PRESIDENTS

Manuel Armengol Carrasco (Barcelona), Marco Frascio (Italia), Antonio Torres (Madrid), Alberto Montori (Italia), Alberto Ferreres (Argentina)

MODERATORS

José Manuel Fort (Barcelona), Sergey Kasin (Rusia), Luis Carlos Sabbagh (Colombia), Cen Rongying (R.P. China)

Masterly Conference

Minimally Invasive Surgery: Which is the way after 25 years?
Antonio J. Torres (Madrid)

- El Puerto Único en Cirugía General en España: estado actual. Jesús Garijo (Madrid)
- ¿Qué hemos aprendido en estos diez años en cirugía laparoscópica del colon y recto? Eloy Espín (Barcelona)
- ¿Qué hemos aprendido en estos diez años en cirugía laparoscópica? José Noguera (La Coruña)
- Surgeon's obligations to patients regarding the introduction of new technologies. Alberto Ferreres (Argentina)
- Ethical and legal issues after complications of lap. chole. Alberto Ferreres (Argentina)
- Timeline and Current Status of Reduced Port and Transluminal Surgery in Russia. Seda Dzhantukhanova and Yury Starkov (Rusia)
- Transrectal Gallbladder Preserving Cholecystolithotomy (TRGPC) and Transrectal Gallbladder Preserving Polypectomy (TRGPP). Bing-Rong Liu (R.P. China)
- Errors in minimal invasive surgery. Alberto Ferreres (Argentina)
- LESS TEP repair in inguinal hernia. Senol Carilli (Turquía)

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

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

MODERATORS

Felipe Martínez Alcalá (Sevilla), Jaume Boix Valverde (Badalona), Guillermo Cacho Acosta (Madrid), Enrique Castillo Begines (Burgos) y Albis Hani (Colombia)

Imanes

- Imanes quirúrgicos en MIS, aportes y usos. Guillermo Domínguez (Argentina)
- Usos de imanes en cirugía pediátrica. Manuel López. (Barcelona)
- Endoscopic management of completely obstructed/disconnected bile duct lesions. Dong Ki Lee (S. Korea)
- El uso de imanes en técnicas de disección endoscópica. MESSI system (MAGNET ENDOSCOPIC SINGLE SYSTEM INTERACTION). Miquel Masachs (Barcelona)
- Curso interactivo del uso de imanes en el Estabulario. Diversas técnicas.

NOTES en Latinoamérica

MODERATORS Jesús Ortiz (Paraguay) y Eduardo Segal (Argentina) y Mariano Giménez (Argentina)

- 10 anys després del NOSCAR. Roqué Sáenz de Tejada y Fuenzalida (Chile)
- El Impacto de la EUS/NOTES hoy. Luis Carlos Sabbagh (Colombia).
- Como mejorar el ADR. Jesús Ortiz Villalba (Paraguay)

Special lectures

Quality in colonoscopy. Impact of new devices and scopes. Miguel Muñoz Navas (Pamplona)

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

MODERATORS

J.M. Pou Fernández (Barcelona), Sarbelio Rodríguez (Madrid), Germán Alonso Maillo (Alicante), Eduardo Piñeiro (México) y Jaume Boix Valverde (Badalona)

ENDOLUMINAL THERAPEUTIC ENDOSCOPY

Special lectures

- Platelet-rich Plasma (PRP) in G.I. Endoscopic Resection. Jaume Boix Valverde (Badalona)
- A Virtual Transluminal Endoscopic Skill Trainer. Suvranu De (USA)
- Resecciones endoscópicas de cáncer precoz de tubo digestivo: más de dos décadas de progreso continuo. Sarbelio Rodríguez (Madrid)
- Diagnosis and treatment of Barrett's esophagus with dysplasia: current guidelines and new technologies. Sergey Kashin (Rusia)
- Endolaparoscopic rendezvous and other procedures in the treatment of CBDs. Alberto Montori (Italia)
- Single-Operator cholangioscopy altering patient's management. Vincenzo G. Mirante (Italy)

14:15-16:00 **Lunch and videotransmission from the Research Institut**

Transmisión de casos desde las salas del Institut de Recerca con discusión interactiva con el salón de actos del Hospital General entre los Teams de las Salas y el Panel de discusión.

Teams Salas: Zhang Xiaoguang (R.P. China), Eduardo Piñeiro (México), Jorge Olsina (Lérida), Joan Dot (Barcelona), Sergey Kantsevov (USA), Celso González Marsal (Venezuela), Per-Ola Park (Suecia), Nereo Guillermo Salas (México), Monder Abu Suboh (Barcelona), Marta Rosal (Barcelona), Marielle Esteves (Barcelona), Maurizio Zilli (Italia), Milutin Bulajic (Serbia) y Guillermo Domínguez (Argentina)

Discussion panel: Jaume Boix (Badalona), Joaquim Balsells (Barcelona), Juan Rocamora (Alicante), Octavio Mulet Zayas (Sevilla), Campo Elias Lindado (Venezuela), J. R. Armengol-Miró (Barcelona) y Albis Hani (Colombia)



16:00-17:00 **Session 5 bis**
BILIOPANCREATIC MISCELANEA

MODERATORS

J.M. Pou Fernández (Barcelona), Sarbelio Rodríguez (Madrid), Germán Alonso Maillo (Alicante), Eduardo Piñeiro (México) y Jaume Boix Valverde (Badalona)

- La ecoendoscopia en la patología pancreática: ¿Qué hemos aprendido? **Leonardo Sosa (Venezuela)**
- Management of acute pancreatitis. Where do we stand? **Mariano Giménez (Argentina)**
- Self expandable metal stents in pancreaticobiliary disorders-A new paradigm. **Rajesh Gupta (India)**
- Direct endoscopic necrosectomy: where do we stand in 2016? **Mohamad Al Haddad (USA)**
- Non-alcohol cocktail for ablation of pancreatic cysts. **Abraham Mathew (USA)**
- Pushing the envelope, what we can accomplish for out patients in 2016. **Abraham Mathew (USA)**

OBESITY BOARD

MODERATORS. Antonio J. Torres (Madrid), José Manuel Fort (Barcelona), Roberto Foguel (USA- Venezuela) y Jaume Boix Valverde (Badalona)

Masterly Conference

Bariatric and Metabolic Surgery: ¿Qué hemos aprendido en estos 10 años? **Antonio J. Torres (Madrid)**

- Videofórum Endoscópico. **Roberto Foguel (USA- Venezuela)**
- Resultados con el robot en cirugía bariátrica. **Ramon Vilallonga (Barcelona)**
- Cirugía de la obesidad; evolución en estos 10 últimos años. **J.M. Balibrea (Barcelona)**

Discussion guest:

José Antonio Baena (Lérida)

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

17:15-18:45 **Session 7**

VIDEO TECHNICAL FORUM , COMPLICATIONS AND SETTLEMENT OF COMPLICATIONS IN DRAIN BILIOPANCREATIC

MISCELLANEOUS EXTRACTION UNUSUAL FOREIGN BODIES

MISCELLANY

18:45 **CLOSURE**

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

José Ramón Armengol-Miró	Daniel Delgado Bellido
Jorge Olsina	Vicente Zanón
Joaquim Balsells	Jordi Pradell
Ramon Vilallonga	Ramón Boque
Manel Armengol Carrasco	Sandra Castro
Joan Dot Bach	José Antonio Baena
Monder Abu Suboh Abadia	José Manuel Fort
Miquel Masachs	Óscar González
Jordi Armengol	Eloy Espin
Ana Benages	Marc Martí
M.ª Dolores Castillo Cejas	Francesc Vallribera
Jorge Guevara Cubas	José Luis Sánchez
Denise Sihuay di Burga	José Luis Lázaro
Jaume Boix	Marc Pigrau
Manuel Morales	

International

Sergey Kantsevov
Per-Ola Park
Irving Waxman
Naohisa Yahagi
Kiyokazu Nakajima
Luis Carlos Sabbag
Nageshwar Reddy
Abraham Mathew
Louis de Giau
Guillermo Domínguez
Lenardo Sosa
Sha, Weihong
Manoel Galvão Neto

Staff of Department of Surgery Hospital Universitari Vall d'Hebron

Department of Cardiac Surgery
Rafael Rodríguez Lecoq

Department of Vascular Surgery

Manuel Matas Docampo
Beatriz Álvarez García

Department of Urology

Juan Morote Robles
Miguel Ángel López Pacios

Institut de Recerca Hospital Universitari Vall d'Hebron

Marta Rosal
Marielle Esteves
Carla Fonseca
Alejandro Rojo

10th INTERNACIONAL NOTES-W.I.D.E.R.-BARCELONA

NATURAL ORIFICE TRANSLUMINAL ENDOSCOPIC SURGERY

www.wider-barcelona.org • director@wider-barcelona.org



Award for Professional Excellence 2015

The College of Physicians of Barcelona has distinguished team of Digestive Endoscopy Unit of the University Hospital Vall d' Hebron with the Award for Professional Excellence 2015.

www.e-notes.es

www.ceton.es

www.semqed.org

VENUE: SAuditorium 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

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