



***XLIV MEETING ON
"WHAT IS NEW IN MINIMALLY INVASIVE SURGERY"***

**INNOVATION
IN MINIMALLY INVASIVE SURGERY**

LAPAROSCOPIC SURGERY XXXII

***CHAPTER OF MINIMALLY INVASIVE SURGERY AND INNOVATION IN TECHNOLOGY
SPANISH ASSOCIATION OF SURGERY (AEC)***

DEPARTMENT OF SURGERY OF THE UNIVERSITY OF SEVILLA

***UNIT OF GENERAL AND DIGESTIVE SURGERY
UNIVERSITY HOSPITAL "VIRGEN DEL ROCÍO"***

***UNIT OF GENERAL AND DIGESTIVE SURGERY
UNIVERSITY HOSPITAL "VIRGEN MACARENA"***

Course Directors:

Prof, S Morales Conde

***Head of the Department of General and Digestive Surgery
University Hospital Virgen Macarena***

Prof, FJ Padillo Ruiz

***Head of the Department of General and Digestive Surgery
University Hospital Virgen del Rocío***

Honorary President: Prof. S Morales Méndez†

SEVILLA (Spain), February 5-7th, 2025

Organizing Committee:

<i>Honorary President:</i>	<i>Prof. S. Morales Méndez</i>
<i>Course Directors</i>	<i>Dr. S. Morales Conde</i> <i>Prof. FJ Padillo Ruiz</i>
<i>Secretary:</i>	<i>Dra. M Socas Macías</i> <i>Dr. I Alarcón del Agua</i> <i>Dr. M. Bustos Jiménez</i> <i>Dr. F. López Bernal</i> <i>Dra. A Senent Boza</i> <i>Dra. A Cano Matías</i> <i>Dr. J Valdés Hernández</i>
<i>Scientific Committee:</i>	<i>Dr. MA Gómez Bravo</i> <i>Dr. D Díaz Gómez</i> <i>Dr. JM Martos Martínez</i> <i>Dr F Pareja Ciuró</i> <i>Dr. F de la Portilla de Juan</i> <i>Dr. L Tallón Aguilar</i> <i>Dr. JR Naranjo Fernández</i> <i>Dr. A Nogales Muñoz</i> <i>Dr. C Marín Velarde</i> <i>Dr. E Domínguez-Adame Lanuza</i> <i>Dr. J López Ruiz</i> <i>Dr. JC Gómez Rosado</i> <i>Dp. R Montoro</i> <i>Dp. M^aM Martínez Gómez</i> <i>Dp. MD Picón</i>

WEDNESDAY 5th

15.45h: WELCOME MESSAGE:

Course Director:	:	Dr. S Morales Conde
		Dr. FJ Padillo Ruiz
Secretary - Chapter MIS-IT of the AEC:		Dr J Bellido Luque
Vice-President of the AEC:		Dr. MA Gómez Bravo
Managing Director HUVR:		Dr. M Molina
Managing Director HUVM:		Dr. M Colmenero

CONTROVERSIES IN MINIMALLY INVASIVE ABDOMINAL WALL SURGERY

16.00h: Challenges in Minimally Invasive Repair of Inguinal Hernia.

Chairs: Dra. P Hernández Granado
Dr. L Tallón Aguilar

16.00h: SURGICAL TREATMENT OF LARGE INGUINAL HERNIAS – ROLE OF MINIMALLY INVASIVE APPROACH
Dr. E Parra Dávila

16.15h: SURGICAL TREATMENT OF RECURRENT AND MULTI-RECURRENT INGUINAL HERNIAS - ¿WHAT CAN I DO NOW?
Dr. E Parra Dávila

16:30h: Discussion
Dr. JM Suárez Grau
Dra. L Navarro Morales

16:45h: Conference

CLOSING THE DEFECT IN ABDOMINAL WALL SURGERY: LIMITS AND NEW TRENDS
Dr. F Malcher

Comments: Dr. P Hernández Granado
Dr. M López Cano

17.05h: Posterior Component separation- TAR: always?, how?

Chairs: Dr. M López Cano
Dr. J Gómez Menchero

17.05h: LIRA AS AN ALTERNATIVE TO POSTERIOR COMPONENT SEPARATION-TAR
Dr S Morales Conde

17.15h: SHOULD WE AVOID TAR?
Dr F Malcher

17.30h: TIPS AND TRICKS FOR ROBOTIC TAR
Dr F Malcher

17:45h: Discussion
Dr. JR Naranjo Fernández
Dr. M Bustos Jiménez

18.00h: Break

CONTROVERSIES IN BARIATRIC AND METABOLIC SURGERY

18:30h: Conference

LIMITS OF SLEEVE GASTRECTOMY
Dr. M Gagner

Comments: Dra. S Martínez Cortijo
Dra. A Senent Boza

18:50h: New trends in Bariatric and Metabolic Surgery

Chairs: Dra. S Martínez Cortijo
Dra. C Balagué Pons

18:50h: DRUGS vs BARIATRIC SURGERY or AS "NEOADYUVANT" THERAPY?
Dra. R. Sánchez Santos

19.00h: THE CONCEPT OF GASTRIC BIPARTITION: ARE THESE TECHNIQUES NEEDED?
DR. R Zorrón

19.10h: ILEAL TRANSPOSITION WITH/WITHOUT DUODENAL DIVERSION: WHAT DOES THIS
TECHNIQUE OFFER?
Dr. I Arteaga

19:20h: *Discussion*
Dr. E Domínguez-Adame Lanuza
Dr. I Alarcón del Agua

19:40h: Conference

ANASTOMOSIS WITH MAGNETS IN BARIATRIC AND DIGESTIVE SURGERY
Dr. M Gagner

Comments: Dra. A Torres García
Dra. M^a D Frutos Bernal

20:00h: End of Day 1

THURSDAY 6th

LIVE SURGERY

(possibility of Immersive Visualization Experience inside the OR from the venue)

Chair:

Dr. A Torres García

Comments:

Colorectal:

Dra. S Delgado Rivilla
Dr. R Farrés Coll
Dra. R Jiménez Rodríguez

Upper G-I:

Dr. A Aranzana Gómez
Dra. S Martínez Cortijo
Dra. C Balagué Pons

Abdominal Wall:

Dr. M López Cano
Dra. P Hernández Granados
Dr. J Tinoco González.

- 8.30h:** *Clinical history of the patients:*
Por determinar
Dra. M Socas Macías/Dr. M Lozano/Dr. A Balla
- 8.30h: OR 1:** **SUBTOTAL GASTRECTOMY WITH ICG-GUIDED D2 LYMPHADENECTOMY WITH COLOR SEGMENTATION**
Surgeon: Dr. S Morales Conde
- 8.45h: OR 2:** **ROBOTIC LOW ANTERIOR RESECTION GUIDED BY ARTIFICIAL INTELLIGENCE AND HYPERSPECTRAL IMAGE**
Surgeon: Dr. E Parra Dávila
- 10.00h: OR 3:** **RIGHT COLONIC RESECTION WITH MODULAR ROBOTIC PLATFORM**
Surgeon: Dr. A Arroyo Sebastián
- 10.15h: OR 4:** **LAPAROSCOPIC INGUINAL HERNIA REPAIR WITH IDENTIFICATION OF ANATOMICAL LANDMARK BY ARTIFICIAL INTELLIGENCE**
Surgeon: Dr. S Morales Conde
- 11:30h: OR 5:** **LAPAROSCOPIC SIGMOID RESECTION WITH PRESERVATION OF THE LEFT COLIC ARTERY AND PREVIOUS VASCULAR RECONSTRUCTION**
Surgeon: Dra. R Jiménez Rodríguez

DEBATE ABOUT BARRET ESOPHAGUS

13.25h: Conference

BARRET ESOPHAGUS: SURGERY vs ENDOSCOPIC TREATMENT
Dr. L Bonavina

Comments: Dr. A Martínez Isla
Dr. A Aranzana Gómez

13.40h: Lunch Break (Symposium-lunch)

BREAKING PARADIGMS IN UPPER G-I SURGERY

15:00h: Impact of New Devices as an alternative to Fundoplication for antireflux surgery: does it make sense?

Chairs: Dr. M Toledano Trincado
Dr. I Alarcón del Agua

15.00h: REFLUXSTOP SYSTEM: RATIONALE, TECHNIQUE AND RESULTS
Dr. J Zehetner

15.15h: LYNX SYSTEM: RATIONALE, TECHNIQUE AND RESULTS
Dr. L Bonavina

15:30h: *Discussion*
Dr. A Tejada Gómez
Dra. F López Bernal

15:40h: Impact of Flexible Endoscopy in Uper G-i Surgery

ENDOSCOPIC INTRALUMINAL GASTRO-JEJUNAL ANASTOMOSIS
Dr. C Ortiz Moyano

Comments: Dr. P Mascagni
Dr. J Bellido Luque

16.00h: Impact of AI in Upper G-I Surgery

IA FOR PREDICTION OF ONCOLOGICAL OUTCOMES IN UPPER G-I SURGERY
Dr. M van Berge Hengouwen

Comments: Dr. M Socas Macías
Dr. A Martínez Isla

LIVE SURGERY BY LAPAROSCOPY ASSISTED BY FLEXIBLE ENDOSCOPY

Chairs:
Dr. M Toledano Trincado
Dr. A Martínez Isla

Comments:

orectal:
Dr. D Díaz Gómez
Dr. J Cintas Catena

Esófago-gástrica:
Dra. C Balagué Pons
Dr. A Aranzana Gómez

16.20h: OR 1: TAMIS WITH DEVICE FOR ACCESS, FLEXIBLE ENDOSCOPY AND HYDRODISSECTION

Surgeons: Dr JF Noguera Aguilar
Dr. J Valdés Hernández

17.00h: OR 2: ANTIREFLUX SURGERY WITH ENDOSCOPIC LOCALIZATION OF THE LOWER ESOPHAGEAL SPHINCTER

Surgeon: Dra. M Socas Macías
Dr. I Alarcón del Agua

Assistants: Dr. I Alarcón del Agua
Dra. A Senent Boza

18.15h: Transfer to the Royal Academy of Medicine and Surgery of Sevilla

SESSION AT THE ROYAL ACADEMY OF MEDICINE

“The 2023 EAES-iMIS session”

“TELEPRESENCE AND TELEASSISTANCE IN SURGERY”

Presidency: Excmo. Sr. President of the Royal Academy of Medicine and Surgery of Sevilla
Ilmo Sr. Dean of the Medical School of the University of Sevilla
Sr. Chair of the Department of Surgery of the Medical School of the University of Sevilla
Sr. Managing Director of the University Hospital “Virgen del Rocío”. Sevilla
Sr. Managing Director of the University Hospital “Virgen Macarena”. Sevilla
Sr. Medical Director of the University Hospital “Virgen del Rocío”. Sevilla
Sr. Medical Director of the University Hospital “Virgen Macarena”. Sevilla
Sr. Vice-President of the Spanish Association of Surgery
Sr. Head of General and Digestive Surgery “Virgen del Rocío”. Sevilla
Sr. Head of General and Digestive Surgery “Virgen Macarena”. Sevilla

20.00h: Welcome Message

Excmo. Sr. Dr. D. C. Infantes Alcón

EAES-iMIS SESSION

***“TELEPRESENCE AND TELEASSISTANCE IN SURGERY:
THE ROLE OF ROBOTICS AND ARTIFICIAL INTELLIGENCE”***

Chair: Ilmo. Sr. Prof. Dr. S. Morales Conde

20.05h:

“IS REMOTE SURGERY POSSIBLE?”

Dr E Parra-Dávila

Comments: Prof. Dr. FJ Padillo Ruiz

20:20h:

“IS POSSIBLE THAT ARTIFICIAL INTELLIGENCE TELEASSIST SURGERY?”

Dr P Mascagni

Comments: Prof. Dr. MA Cuesta Valentín

Final Comments: Ilmo. Sr. Prof. Dr. E Targarona Soler

“III AWARD OF INNOVATION IN SURGERY

21.00h: Closing remarks

Excmo. Sr. Presidente de la Real Academia de Medicina de Sevilla

Excmo. Sr. Dr. D. C. Infantes Alcón

FRIDAY 7th

LIVE SURGERY

(possibility of Immersive Visualization Experience inside the OR from the venue)

Chair:

Dr. E Targarona Soler

Comments:

Colorectal:

Dra. M Pascual Damieta

Dr. B Flor Lorente

Dra. S Delgado Rivilla

Bariátrica:

Dra. R Sánchez Santos

Dr. JL Balibrea del Castillo

Dra. M^a D Frutos Bernal

Pared Abdominal:

Dr. M López Cano

Dra. P Hdz Granados

Dr. L Totti Cavazzola

8.15h: *Clinical history of the patients:*
Tbd
Dr. I Alarcón del Agua/Dra. I Pérez Andrés/Dr. A Balla

8:30h: OR 1: LAPAROSCOPIC LOW ANTERIOR RESECTION GUIDED BY ARTIFICIAL INTELLIGENCE AND PLANNIFICATION BY HOLOGRAMS
Surgeon: Dr. S Morales-Conde

9.00h: OR 2: RIGHT COLONIC RESECTION WITH ROBOTIC MODULAR PLATFORM
Surgeon: Dr JM^a Fernández Cebrián

10.00h: OR 3: ROBOTIC VENTRAL HERNIA REPAIR CLOSING THE DEFECT WITH MESH-SUTURE
Surgeon: Dr. F Malcher

11.00h: OR 4: SASI FOR SURGICAL TREATMENT OF MORBID OBESITY
Surgeon: Dr. R Zorrón

13.30h: Lunch Break

NEW TRENDS OF INNOVATION IN SURGERY

15.00h: Organ-preserving strategy for the esophagus and rectum

Chairs: Dr. A Martínez Isla
Dr. F de la Portilla de Juan

15.00h: SURGERY AND ORGAN-PRESERVING STRATEGY IN THE TREATMENT OF ESOPHAGEAL CANCER
Dr. S Gisbertz

15.15h: ORGAN-PRESERVING STRATEGY IN THE TREATMENT OF RECTAL CANCER
Dr. A Forgione

15:30h: *Discussion*
Dr. AM^a García Cabrera
Dr. D Díaz Gómez

15.40h: Innovations within our reach that will change our future

Chairs: Dr. B Flor Lorente
Dr. MA Gómez Bravo

15:40h: *Image* – NEW MIXED/VIRTUAL REALITY GLASSES TO IMPROVE THE EXPERIENCE IN ROBOTIC SURGERY
Dr. J Tarascó Palomares

15:55: *Robotic* – SINGLE PORT ROBOTIC COLORECTAL SURGERY
Dr. P Cranavali

16:10h: *Artificial Intelligence* – THE REAL IMPACT OF AI IN SURGERY

Dr. A Forgione

16:25h: *Anastomosis* – COMPRESSION ANASTOMOSIS
Dr. R Jiménez Rodríguez

16:40h: *Discussion*
Dra I Ramallo Solís
Dr. C Torres Arcos

16.50h: Break

DEBATES IN COLORECTAL SURGERY

Chairs: Dra. S Delgado Rivilla
Dr. JC Gómez Rosado

17.20h: Face-to-face I – Approach for Right Colonic resection

APPROACH FOR CME DURING RIGHT COLONIC RESECTION

“BOTTOM-UP”
Dra. M Pascual Damietta

“CRANIAL APPROACH”
Dr. S Morales Conde

17.50h: Face-to-face II – Protective Ileostomy for Rectal Cancer

ALTERNATIVE FOR PROTECTIVE ILEOSTOMIES

“PRECUTANEOUS ILEOSTOMY”
Dr. O Mulet Zayas

“GOSHT ILEOSTOMY”
Dr. B Flor Lorente

Discussion: Dra. M^ªL Reyes Díaz
Dra. A Cano Matías

18.20h: Conference

LIMITS OF ROBOTI SURGERY IN ELECTIVE AND EMERGENCY SURGERY
Dr. J Balibrea del Castillo

Comments: Dra. R Jiménez Rodríguez
Dr. JM Álamo Martínez

18.40h: CLOSING REMARKS

Dr. S Morales-Conde
Prof. FJ Padillo Ruiz

INTERNATIONAL SPEAKERS:

Bonavina, L.- Milan (Italy)
Carnavali, P.- Milan (Italy)
Cuesta, MA.- Amsterdam (The Netherlands)
Forgione, A.- Strasbourg (Francia)
Gagner, M.- Westmount (Canada)
Gisbertz, S.- Amsterdam (The Netherlands)
Malcher, F.- Nueva York (USA)
Martínez Isla, A.- London (UK)
Mascagni, P.- Roma (Italia)
Parra-Dávila, E.- Palm Beach (USA)
van Berge Hengouwen, M.- Amsterdam (Holanda)
Zehetner, J.- Bern (Switzerland)
Zorron, R.- Lisbon (Portugal)

NATIONAL SPEAKERS:

Aranzana Gómez, A.- Hospital Virgen de la Salud. Toledo
Arroyo Sebastián, A.- Hospital Universitario de Elche
Arteaga González, I.- Complejo Hospitalario Universitario de Canarias. Tenerife
Balagué Pons, C.- Hospital Mútua de Tarrasa. Barcelona
Balibrea del Castillo, J.- Hospital Universitario germans Trias i Pujol. Barcelona
Ballesta López, C.- Centro Médico Teknon. Barcelona
Delgado Rivilla, S.- Hospital Mútua de Tarrasa. Barcelona
Farrés Coll, R.- Hospital Universitario Dr Josep Trueta. Gerona
Fernández Cebrián, JM^a.- Hospital Universitario Ramón y Cajal. Madrid
Flor Lorente, B.- Hospital Universitario la Fe. Valencia
Frutos Bernal, MD.- Hospital Virgen de la Arrixaca. Murcia
Gómez Menchero, J.- Hospital de Río Tinto. Huelva
Hernández Granados, P.- Hospital Fundación Alcorcón. Madrid
López Cano, M.- Hospital Vall d'Hebron. Barcelona
Martínez Cortijo, S.- Hospital Fundación Alcorcón. Madrid.
Noguera Aguilar, JF.- Hospital Obispo Polanco. Teruel
Pascual Damieta, M.- Hospital del Mar. Barcelona
Sánchez Santos, R.- Complejo Hospitalario de Vigo. Vigo
Tarascó Palomares, J.- Hospital Universitario germans Trias i Pujol. Barcelona
Targaron Soler, E.- Hospital de la Santa Cruz y San Pablo. Barcelona
Toledano Trincado, M.- Hospital Universitario Río Hortega. Valladolid
Torres Costales, P.- Medical Affairs Manager. Johnson & Jonhson. Madrid
Torres García, A.- Hospital Clinico Universitario. Madrid

LOCAL SPEAKERS:

Álamo Martínez, JM.- Hospital Universitario "Virgen del Rocío". Sevilla
Alarcón del Agua, I.- Hospital Universitario "Virgen del Rocío". Sevilla
Balla, A.- Hospital Universitario "Virgen Macarena". Sevilla
Bellido Luque, J.- Hospital Universitario "Virgen Macarena". Sevilla
Bustos Jiménez, M.- Hospital Universitario "Virgen del Rocío". Sevilla
Cano Matías, A.- Hospital Universitario "Virgen Macarena". Sevilla
Cintas Catena, J.- Hospital Universitario "Virgen Macarena". Sevilla
Díaz Gómez, D.- Hospital Universitario "Virgen del Rocío". Sevilla
Domínguez-Adame Lanuza, E.- Hospital Universitario "Virgen Macarena". Sevilla
García Cabrera, AM^a.- Hospital Universitario "Virgen del Rocío". Sevilla
Gómez Bravo, MA.- Hospital Universitario "Virgen del Rocío". Sevilla
Gómez Rosado, JC.- Hospital Universitario "Virgen Macarena". Sevilla
Infantes Alcón, C.- Real Academia de Medicina. Sevilla
Jiménez Rodríguez, R.- Hospital Universitario "Virgen del Rocío". Sevilla
López Bernal, F.- Hospital Universitario "Virgen del Rocío". Sevilla
López Romero, JL.- Hospital Universitario "Virgen del Rocío". Sevilla
López Ruiz, J.- Hospital Universitario "Virgen Macarena". Sevilla
Lozano, M.- Hospital Universitario "Virgen del Rocío". Sevilla
~~Naranjo Fernández, JR.- Hospital Universitario "Virgen Macarena". Sevilla~~
Martínez Gómez, M^a del M.- Hospitales Universitarios "Virgen del Rocío". Sevilla
Martos Martínez, JM.- Hospitales Universitarios "Virgen del Rocío". Sevilla
Mirón Cordo, P.- Hospital Universitario "Virgen del Rocío". Sevilla
Montoro, R.- Hospital Universitario "Virgen del Rocío". Sevilla
Morales Conde, S.- Hospital Universitario "Virgen Macarena". Sevilla
Mulet Zatas, O.- Hospital Universitario Virgen de Valme. Sevilla
Naranjo Fernández, JR.- Hospital Universitario "Virgen Macarena". Sevilla
Navarro Morales, L.- Hospital Quironsalud Sagrado Corazón. Sevilla
Nogales Muñoz, A.- Hospital Universitario "Virgen Macarena". Sevilla
Ortiz Moyano, C.- Hospital Universitario "Virgen Macarena". Sevilla
Padillo Ruiz, FJ.- Hospital Universitario "Virgen del Rocío". Sevilla
Pareja Ciuró, F.- Hospital Universitario "Virgen del Rocío". Sevilla
Pérez Andrés, I.- Hospital Universitario "Virgen del Rocío". Sevilla
de la Portilla de Juan, F.- Hospital Universitario "Virgen del Rocío". Sevilla
Ramallo Solís, I.- Hospital Universitario "Virgen del Rocío". Sevilla
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~~Rodríguez Téllez, M.- Hospital Universitario "Virgen Macarena". Sevilla~~
Sánchez Ramírez, M.- Hospital Universitario "Virgen Macarena". Sevilla
Senent Boza, A.- Hospital Universitario "Virgen del Rocío". Sevilla
Socas Macías, M. - Hospital Universitario "Virgen del Rocío". Sevilla
Suarez Grau, JM.- Hospital Universitario "Virgen del Rocío". Sevilla
Tallón Aguilar, L.- Hospital Universitario "Virgen del Rocío". Sevilla
Tejada Gómez, A.- Hospital Universitario "Virgen Macarena". Sevilla
Torres Arcos, C.- Hospital Universitario "Virgen Macarena". Sevilla
Tinoco González, J.- Hospital Universitario "Virgen del Rocío". Sevilla
Torres Arcos, C.- Hospital Universitario "Virgen Macarena". Sevilla
Valdés Hernández, J.- Hospital Universitario "Virgen Macarena". Sevilla
~~Valera Sánchez, Z.- Hospital Universitario "Virgen Macarena". Sevilla~~
Zorrilla, E.- Hospital Universitario "Virgen del Rocío". Sevilla

Course Venue:

Hotel Meliá Lebreros (Course and pre-course)
Calle Luis de Morales 2
41005 Sevilla
(walking distance from train-AVE-station)

Real Academia de Medicina de Sevilla (Thursday at 20:00)
Calle Abades, 10-12.
Sevilla

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