



16th Edition

Gynecological Minimally Invasive Surgery Course

Comprehensive hands-on course with live surgery

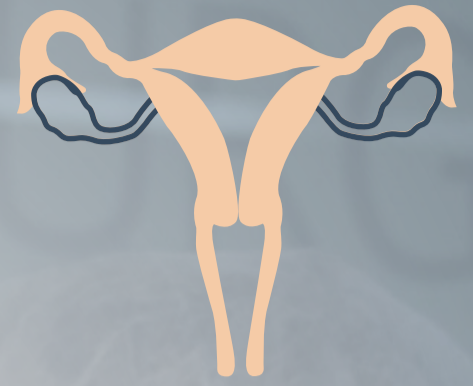
Cadaver or porcine model

MAY 14-16

School of Medicine | University of Minho
Braga, Portugal



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SCHOOL OF MEDICINE | UNIVERSITY OF MINHO | BRAGA, PORTUGAL

COURSE OBJECTIVES

The proposed update program formally integrates three fundamental pillars of innovation:

- **CADAVERIC SURGICAL TRAINING**

Allowing detailed three-dimensional anatomical understanding and advanced dissection in a high-fidelity environment

- **ROBOTIC SURGERY INTEGRATION**

With emphasis on ergonomics, safe use of energy, advanced suturing, and strategies for complex procedures

- **IMAGE-GUIDED SURGERY**

Including fluorescence imaging (ICG) and other technologies supporting intraoperative decision-making

The goal is to evolve the course into a progressive and contemporary training pathway that combines:

- Structured anatomical revision
- Hands-on practice across increasing levels of complexity
- Exposure to emerging technologies
- Discussion of advanced surgical strategies and patient safety principles

This approach will reinforce the course's distinctive value and align it with current international standards for minimally invasive surgical education and competency-based training frameworks.

Scientific Endorsement



Educational Support



REGISTRATION:

b-acis.pt/gynecological-minimally-invasive-surgery

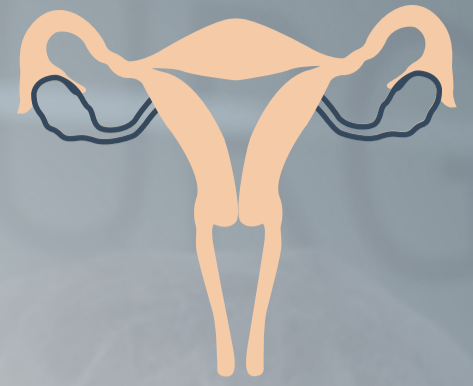
CONTACT:

training@b-acis.pt

ORGANIZATION:



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SCHOOL OF MEDICINE | UNIVERSITY OF MINHO | BRAGA, PORTUGAL

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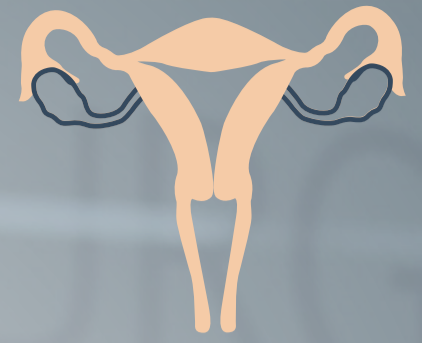
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Day 1 - May, 14th

- 08:15 - 08:45** Registration at the School of Medicine Hall
- 08:45 - 09:00** Opening remarks | Helder Ferreira, Cristina Nogueira-Silva, João Bernardes
- 09:00 - 13:00** Lectures - Session I | Chairs: João Bernardes, Cristina Nogueira-Silva
L1: Navigating the pelvic anatomy by laparoscopy and robotics | Hugo Gaspar
L2: Safe use of energy in surgery (laparoscopy and robotics) | Helder Ferreira
L3: Minimally invasive management of adnexal masses | Fátima Faustino
L4: Challenging hysterectomies: technical "key-steps" | Margarida Martinho
- Lectures - Session II | Chairs: João Bernardes, Luís Ferreira Vicente
L5: Complications: are they avoidable? | Nuno Nogueira-Martins
L6: Minimally invasive surgery in Gynecology: from laparoscopy to robotics | Joerg Keckstein
L7: Ryeqo in the combinedtherapeutic approach to endometriosis | Geraldina Castro
- 13:00 - 14:00** Lunch
- 14:00 - 18:00** Lectures - Session III | Chairs: Helder Ferreira, Maria João Carvalho
L8: Reproductive surgery | Luís Ferreira Vicente
L9: Toward Centers of Excellence in Endometriosis Care: The Surgical Perspective | Pawel Basta
L10: Surgical treatment of adenomyosis | António Setúbal
L11: Prevent adhesionand preserve fertility with 4Dryfield | Claas Haake
- Pre-Lab Session
Hands-on Session III

Day 2 - May, 15th

- 08:00 - 13:00** Lectures - Session IV | Chairs: Fátima Faustino, Margarida Martinho
L12: Laparoscopic and Robotic approach to severe endometriosis | Helder Ferreira
L13:Complications In Deep Endometriosis Surgery: The Other Side of The Coin | Pawel Basta
L14: Myomectomy: step by step | Filipa Osório
- Hands-on Session II
- 13:00 - 14:00** Lunch
- 14:00 - 18:00** Lectures - Session V | Chairs: António Setúbal, Nuno Nogueira-Martins
L15: Revolutionizing recovery:state-of-the-art minimally invasive techniques for genital prolapse correction | Helder Ferreira
- Pre-Lab Session
Hands-on Session III

Day 3 - May, 16th

- 08:00 - 13:00** Interactive Live Laparoscopic Surgery | Chairs: António Setúbal, Fátima Faustino, Joerg Keckstein
Case: Severe endometriosis
- Lectures - Session VI | Chairs: Hugo Gaspar, Paulo Aldinhas
L16: Specimen extraction: tips and tricks | José Lourenço Reis
L17: Minimally invasiveapproach to oncology: where are we now? | Hugo Gaspar
- 13:00 - 14:00** Lunch
- 14:00 - 16:00** Lectures - Session VI (continue) | Chairs: Hugo Gaspar, Paulo Aldinhas
L18: Education and training of Minimally Invasive Surgery in Europe | Istvan Argay

INTERACTIVE LIVE LAPAROSCOPIC SURGERY

Opportunity to witness surgery for a gynecological pathology, using a laparoscopic approach. Interactive surgery with technical laparoscopic descriptions. Possibility to ask questions and get real-time answers about the "state of art" on minimally invasive surgery.

HANDS-ON SESSIONS PROCEDURES:

- Hysterectomy
- Suturing and Knotting
- Ergonomy, Trocars Insertion and Pneumoperitoneum
- Use of Indocyanine green (ICG) for lymphatic mapping
- Use of Energy and Dissection
- Anatomy and Exposure
- Lymphadenectomy