ORSI ACADEMY | INTUITIVE

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MASTERCLASS ROBOT-ASSISTED HEPATOBILIARY SURGERY

KU LEUVEN · UNIVERSITEIT GENT · Royal College of Surgeons of England · NASCE · acadac INTERNATIONAL · ACS AMERICAN COLLEGE OF SURGEONS · International Laparoscopic Liver Society

Masterclass Robot-assisted Hepatobiliary Surgery

1-day / 2-day

120 seats per session

SCAN FOR DATES & DETAILS!

Who is this course for?

This masterclass is designed for surgeons with basic knowledge of robotic surgery who are familiar with minimally invasive liver procedures and wish to advance their skills in robot-assisted hepatobiliary surgery.

What will I learn?

You will learn robotic liver resection techniques, how to set up the robotic platform for liver surgery, the use of advanced energy during dissection, and the integration of imaging technologies for surgical guidance.

Who will I learn from?

Dr. Mathieu D'Hondt
AZ Groeninge Hospital

Dr. Iswanto Sucandy
AdventHealth

Dr. Mohammad Abu Hilal
Fondazione Poliambulanza Istituto Ospedaliero Multispecialistico

Dr. Fabrizio Di Benedetto
University of Modena and Reggio Emilia

Dr. John Martinie
Atrium Health Carolinas Medical Center

Dr. Pieter Jan Steelant
AZ Groeninge Hospital

Dr. Rutger-Jan Swijnenburg
Amsterdam UMC

Included in your course

- Course materials
- Use of procedure-specific training models
- Certificate of attendance
- Possibility to apply for CME credits
- Access to the Orsi Academy network
- Lunch and coffee breaks

Training models

Human cadaver model
Offers exact human anatomy for precise anatomical reconstruction and procedural refinement.

Timeline

DAY 1

Lectures

07:45 **Welcome at Orsi Academy**

07:45 **History & evolution of minimally invasive hepatopancreatobiliary surgery & future possibilities**

Dr. Mohammad Abu Hilal

08:10 **Implementation of robotic liver surgery – my personal experience**

Dr. John Martinie

08:40 **Live broadcasting from AZ Groeninge – Kortrijk**

Dr. Mathieu D'Hondt

09:00 **Patient selection and preoperative preparation for robotic liver surgery**

Dr. Iswanto Sucandy

09:30 **Anesthesia in minimally invasive liver surgery**

Dr. Pieter Jan Steelant

10:00 **Coffee break**

11:00 **Port placement for various types of liver surgery, OR set-up and robotic surgical instrumentation**

Dr. Rutger-Jan Swijnenburg

11:30 **Techniques for inflow dissection and Pringle Maneuver**

Dr. Fabrizio Di Benedetto

12:00 **Intraoperative liver ultrasound for tumor assessment and vascular mapping. Use of indocyanine green with firefly technology**

Dr. Rutger-Jan Swijnenburg

12:30 **Lunch at the Orsi restaurant**

13:30 **Different techniques for Parenchymal transection and choice of instruments. Why I do it this way?**

- Hybrid Robotic-laparoscopic CUSA
  - Dr. Iswanto Sucandy
- Energy devices (ultrasonic synchroseal/vessel sealer...
  - Dr. Iswanto Sucandy

14:00 **Management of intraoperative events (portal vein/hepatic vein/IVC bleeding and bile leak and conversion to open**

Dr. Mathieu D'Hondt

14:30 **Technique of robotic biliary surgery/hepaticojejunostomy**

Dr. Fabrizio Di Benedetto

15:00 **Coffee break**

15:20 **Video technique review & operative tips and tricks**

- Robotic left lateral sectionectomy
  - Dr. Rutger-Jan Swijnenburg
- Robotic right hepatectomy
  - Dr. Fabrizio Di Benedetto
- Robotic right posterior sectionectomy
  - Dr. Iswanto Sucandy
- Robotic complex liver resections
  - Dr. Mathieu D'Hondt
- Robotic non-anatomical resection/ posterosuperior segment 7 or 8 or 4a resection
  - Dr. Rutger-Jan Swijnenburg
- Robotic hepatectomy and biliary reconstruction
  - Dr. Iswanto Sucandy

17:20 **Wrap-up of day 1**

19:30 **Social dinner**

For faculty & participants of the 2-day masterclass

DAY 2 Hands-on training on human cadaver tissue

08:00 **Welcome & breakfast**

08:30 **Hands-on training: Robotic liver resection**

- Visualization of the hepatic hilar by drop-in probe
- Robotic left lateral sectionectomy (prior to left hepatectomy)
- Robotic left hepatectomy

12:00 **Lunch at the Orsi restaurant**

12:45 **Hands-on training: Robotic liver resection**

- Robotic right posterior sectionectomy (prior to right hepatectomy)
- Robotic right hepatectomy
- Robotic biliary resection and hepaticojejunostomy

16:00 **End of the masterclass**

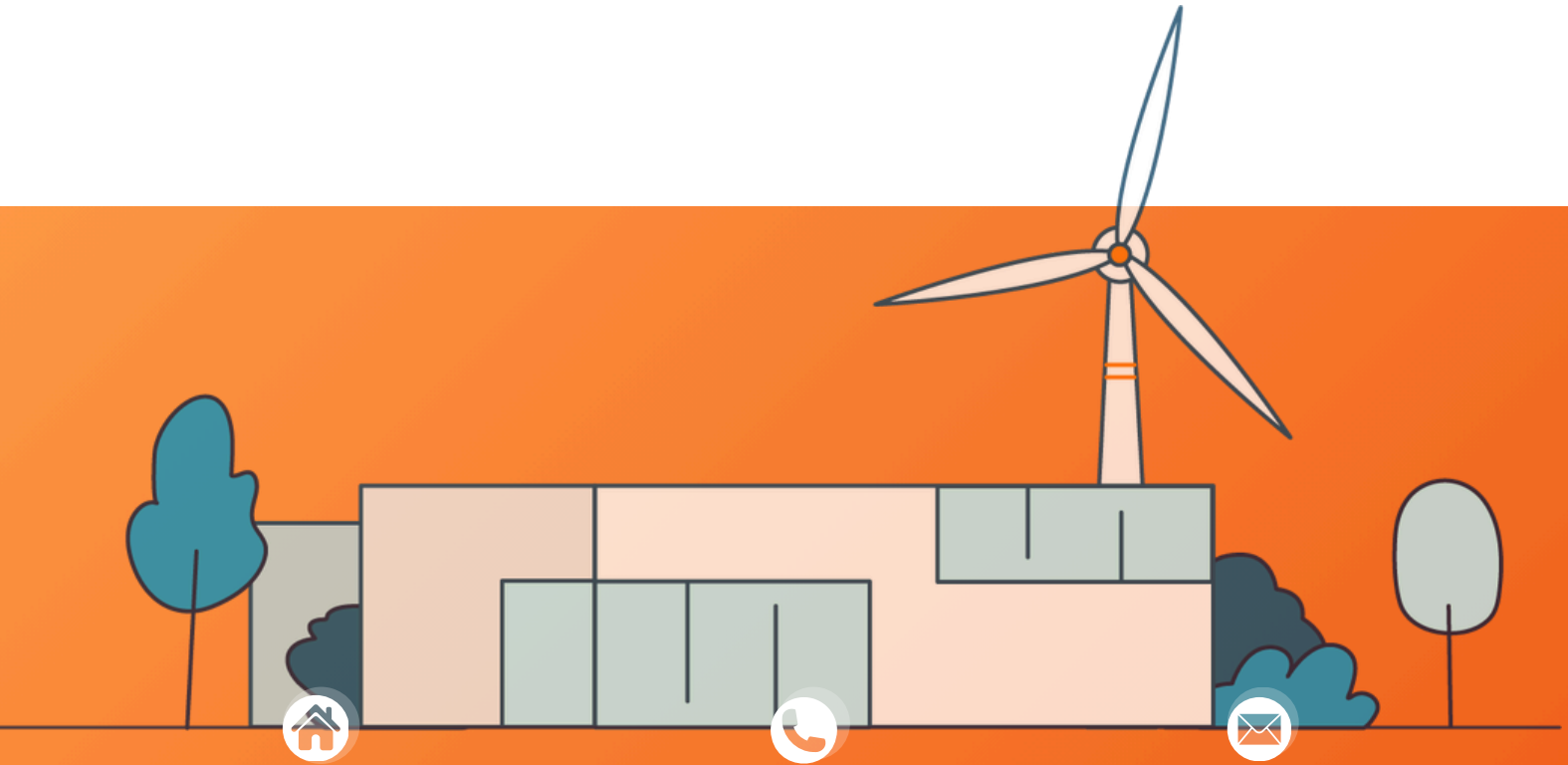
Masterclass options

1-Day Masterclass

- Full day of scientific lectures, incl. a livestream broadcast of robotic general surgery procedure
- Lunch and coffee breaks

2-Day Masterclass with practical training

- Full day of scientific lectures, incl. a livestream broadcast of robotic general surgery procedure
- Full day of hands-on robotic training at Orsi skills lab
- Lunch and coffee breaks
- Transfer between partner hotel and Orsi Academy included



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