



E-AHPBA Introductory Course to HPB Robotic Surgery

Location: Orsi Academy, Ghent, Belgium

Dates: 26th and 27th November 2018

<http://eahpba.org/education-and-training/e-ahpba-activities/>

Organised by:

Professor M. Abu-Hilal, Southampton University Hospital

Dr. Aude Vanlander, Universitair Ziekenhuis Gent



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E-AHPBA Introductory Course to HPB Robotic Surgery

Programme – Group 1

Day 1 - Monday 26th November 2018:

- 09:00 Introduction, *Professors Rogiers, Abu Hilal* (Group 1 and 2)
- 09:30 Introduction, *Professors Boggi, Di Benedetto and Keck* (Group 1 and 2)
- 10:00 Coffee break
- 10:15 System Overview and Dry Lab on Plastic Model and Venezuelan Chicken:
- Initial assessment on the Da Vinci skill simulator and simulation training (topics: camera and clutching, energy and dissection, suturing...)
 - Complete system overview of the Da Vinci Si, Xi and X with dedicated trainer (difference, docking process...)
 - Suturing (tips and tricks): suturing pad (plastic model) Vs Venezuelan chicken (live tissue)
- 13:00 Lunch
- 14:00 Oriented Dry Lab Session on Isolated Organs
- Cholecystectomy on isolated liver (harvested from chickens)
 - Anastomosis of duodenum (as preperation of a pylorus preserving pancreaticoduodenectomy)
 - Liver resection
 - Troubleshooting and emergency conversion
 - Final assessment on the Da Vinci skill simulator
- 17:00 Course concludes, transfer back to the hotel

Day 2 – Tuesday 27th November 2018:

- 08:00 Theoretical Introduction in Robotic Surgery
- 08:30 Team Needs and Organisation in the Operating Room
- 09:00 Pit Falls and Back-Up
- 09:30 Coffee break
- 10:00 Strengths and Weaknesses of Robotic Surgery from the Viewpoint of the HPB Surgeon, *Dr Vanlander*
- 10:30 Patient Positioning, Robotic Positioning and Trocar Placement (for Si, X & Xi), *Professor Keck*
- 11:00 Non-Technical Skills: Very Important in Robotic Surgery
- 11:30 Where Do We Stand with Robotic Surgery in HPB?
- Liver and Biliary, *Professor Di Benedetto*
 - Pancreas, *Professor Boggi*
- 12:30 Summary and conclusion
- 13:00 Lunch



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Programme – Group 2

Day 1 - Monday 26th November 2018:

- 09:00 Introduction, *Professors Rogiers, Abu Hilal* (Group 1 and 2)
- 09:30 Introduction, *Professors Boggi, Di Benedetto and Keck* (Group 1 and 2)
- 10:00 Coffee break
- 10:30 Theoretical Introduction in Robotic Surgery
- 11:00 Team Needs and Organisation in the Operating Room
- 11:30 Pit Falls and Back-Up
- 12:00 Strengths and Weaknesses of Robotic Surgery from the Viewpoint of the HPB Surgeon, *Dr Vanlander*
- 12:30 Patient Positioning, Robotic Positioning and Trocar Placement (for Si, X & Xi), *Professor Keck*
- 13:00 Lunch
- 14:00 Non-Technical Skills: Very Important in Robotic Surgery
- 14:30 Where Do We Stand with Robotic Surgery in HPB?
- Liver and Biliary, *Professor Di Benedetto*
 - Pancreas, *Professor Boggi*
- 15:30 Coffee break
- 16:00 Summary and discussion
- 17:00 Course concludes, transfer back to the hotel

Day 2 – Tuesday 27th November 2018:

- 08:00 System Overview and Dry Lab on Plastic Model and Venezuelan Chicken:
- Initial assessment on the Da Vinci skill simulator and simulation training (topics: camera and clutching, energy and dissection, suturing...)
 - Complete system overview of the Da Vinci Si, Xi and X with dedicated trainer (difference, docking process...)
 - Suturing (tips and tricks): suturing pad (plastic model) Vs Venezuelan chicken (life tissue)
- 11:00 Coffee break
- 11:30 Oriented Dry Lab Session on Isolated Organs
- Cholecystectomy on isolated liver (harvested from chickens)
 - Anastomosis of duodenum (as preparation of a pylorus preserving pancreaticoduodenectomy)
 - Liver resection
 - Troubleshooting and emergency conversion
 - Final assessment on the Da Vinci skill simulator
- 13:00 Lunch (where can this break?)
- 15:00 Course concludes, delegates depart for the airport



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Speakers:

Prof. Xavier Rogiers, Belgium

Prof. Mo Abu-Hilal, United Kingdom, Course Chair

Dr. Aude Vanlander, Belgium, Course Co-Chair

Professor Ugo Boggi, Italy

Professor Tobias Keck, Germany

Professor Di Benedetto, Italy