

## Introduction in laparoscopic surgery

Friday 21.02.2025	15:00 – 19:00	Lecturer
15:00 – 15:30	Opening ceremony	Asst.Prof.dr. Calin Popa
15:30 – 15:45	Principles of laparoscopic surgery	Asst.Prof.dr. Calin Popa
15:45 – 16:00	Laparoscopic tower, instruments, and technical consideration of laparoscopic interventions	Dr. Diana Schlanger
16:00 – 16:15	Trocar placement principles. Optical camera set-up and menu.	Dr. Diana Schlanger
16:15 – 16:30	Coffee Break	
16:30 – 17:15	Video Corner & Discussion <ul style="list-style-type: none"> <li>○ Pneumoperitoneum inducement methods</li> <li>○ Trocar placement</li> <li>○ Exploratory laparoscopy and other basic laparoscopic interventions as example for instrument use</li> </ul>	Asst.Prof.dr. Calin Popa
17:15 – 17:30	Coffee Break	
17:30 – 19:00	Hands-on activity <ul style="list-style-type: none"> <li>○ Presentation of instruments</li> <li>○ Laparoscopic tower use (insuflator, optical camera, suction-aspiration device, electrosurgery modules)</li> <li>○ Basic steps in manipulation of the optical camera</li> </ul>	

Saturday 22.02.2025	09:00 – 15:00	Lecturer
09:00 – 09:30	Ergonomic principles in laparoscopic surgery and tissue manipulation	Asst.Prof.dr. Calin Popa
09:30 – 09:45	Practical exercises and skills training	Dr. Diana Schlanger
09:45 – 10:00	Coffee Break	
10:00 – 15:00	Hands-on training	
*Two teams of 10 participants each are formed. Each team is assigned a room and they switch after 2 hours.	Room 1 <ul style="list-style-type: none"> <li>○ Camera manipulation and camera movement exercise</li> <li>○ „Pick the beans”</li> <li>○ „Cutting circles”</li> </ul> Room 2 <ul style="list-style-type: none"> <li>○ „Shoe laces”</li> <li>○ „Teddy bears”</li> <li>○ „Match the matches”</li> </ul>	

Sunday 23.02.2025	09:00 – 15:00	Lecturer
09:00 – 09:20	Learning curves and the importance of hands-on training in laparoscopic surgery	Asst.Prof.dr. Calin Popa
09:20 – 09:30	Coffee Break	
09:30 – 14:30	Hands-on training	
*Two teams of 10 participants each are formed. Each team is assigned a room and they switch after 2 hours.	Room 1 <ul style="list-style-type: none"> <li>○ Camera manipulation and camera movement exercise</li> <li>○ „Drive the needle”</li> <li>○ Clips placement</li> </ul> Room 2 <ul style="list-style-type: none"> <li>○ „Teddy bears”</li> <li>○ „Match the matches”</li> <li>○ Cutting exercises</li> </ul>	
14:30 – 15:00	Closing remarks and feedback	Asst.Prof.dr. Calin Popa