



Introduction in laparoscopic surgery

Friday 20.02.2026	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 ○ Pneumoperitoneum inducement methods ○ Trocar placement ○ Exploratory laparoscopy and other basic laparoscopic interventions as example for instrument use	Asst.Prof.dr. Calin Popa
17:15 – 17:30	Coffee Break	
17:30 – 19:00	Hands-on activity ○ Presentation of instruments ○ Laparoscopic tower use (insuflator, optical camera, suction-aspiration device, electrosurgery modules) ○ Basic steps in manipulation of the optical camera	
Saturday 21.02.2026	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	
<i>*Two teams of 10 participants each are formed. Each team is assigned a room and they switch after 2 hours.</i>	Room 1 ○ Camera manipulation and camera movement exercise ○ „Pick the beans” ○ „Cutting circles” Room 2 ○ „Shoe laces” ○ „Teddy bears” ○ „Match the matches”	
Sunday 22.02.2026	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	
<i>*Two teams of 10 participants each are formed. Each team is assigned a room and they switch after 2 hours.</i>	Room 1 ○ Camera manipulation and camera movement exercise ○ „Drive the needle” ○ Clips placement Room 2 ○ „Teddy bears” ○ „Match the matches” ○ Cutting exercises	
14:30 – 15:00	Closing remarks and feedback	Asst.Prof.dr. Calin Popa