Flexible ureterorenoscopy and retrograde intrarenal surgery: Instrumentation, technique, tips, tricks and indications

ESU Course 29

**Location:** Room 11, Capital suite (level 3)

**Chair:** O. Traxer, Paris (FR)

**Aims and objectives of this session**
The aims and objectives of this course is to provide a complete overview of instruments, endoscopes, indications, technique and special tips and tricks concerning Retrograde Intrarenal Surgery (RIRS) using flexible ureterorenoscopes and Holmium YAG lasers. At the end the participants will know the equipment and the technique to perform flexible ureterorenoscopy in the best conditions.
- To learn about equipment
- To learn about technique and indications
- To learn how to use an Holmium Laser
- To learn tips and tricks for special circumstances

14:30 - 17:30

**Welcome message and introduction of the course**
O. Traxer, Paris (FR)

14:30 - 17:30

**Instrumentation: Endoscopes**
O. Traxer, Paris (FR)

14:30 - 17:30

**Instrumentation: Laser and lithotripsy devices**
M. Grasso, New York (US)

14:30 - 17:30

**Instrumentation: Disposable (wires, retrieving devices, UAS, irrigation devices and others)**
P.J.S. Osther, Fredericia (DK)

14:30 - 17:30

**Technique: Stones**
O. Traxer, Paris (FR)

14:30 - 17:30

**Technique: Urothelial tumours and strictures**
M. Grasso, New York (US)

14:30 - 17:30

**Tips and tricks and special circumstances**
O. Traxer, Paris (FR)

14:30 - 17:30

**Indications (guidelines) and clinical cases**
P.J.S. Osther, Fredericia (DK)

14:30 - 17:30

**Conclusions**
O. Traxer, Paris (FR)