

## ESU/ESUT Hands-on Training Course in Thulium laser for vaporesection and Holmium laser for laser lithotripsy

HOT41

**Saturday, 25 March**  
**14:00 - 15:30**

**Location:** Room Africa, Exhibition Hall (Level 1)

**Chair:** J. Rassweiler, Heilbronn (DE)

### **Aims and objectives of this session**

- The trainee will understand the tissue vaporization effect by the Thulium laser, the limited depth of tissue damage and how to perform a cut in tissue.
- The trainee also may cut the sample tissue by cold knife for visual inspection of the tissue damage zone.
- The trainee is challenged to introduce the laser resectoscope into the artificial organ, maneuver the resectoscope in the artificial prostatic urethra and to vaporize and cut tissue samples.

### **Course description**

This hands on training course is to introduce the trainee into the laser tissue interaction of the Thulium 2 micron continuous wave laser with the use of two different training stations. In the first workstation the trainee will try the laser on cadaver tissue submersed in water. The second setting resembles the Thulium Laser Vaporesection of Prostate.

H-O. Teichmann, Kathlenburg Lindau (DE)

C. Netsch, Hamburg (DE)

P. Kallidonis, Patras (GR)

P. Krombach, Luxembourg (LU)

M. Oelke, Hanover (DE)

M. Ritter, Mannheim (DE)