



11<sup>th</sup> Conference of ESES in Izmir **2025**

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@Wyndham Grand Özdilek *Izmir*

## Simulation for Teaching Endocrine Surgery, Hands-on Course

**Directors and Tutors:** Kyriakos Vamvakidis, Barbara Seeliger, Giannis Koutelidakis, Gianluca Donatini

### Importance of AI and VR in Surgical Training

Amalia Kargopoulou (OramaVR)

### Introduction to Simulation Models and Tools

Nikolaos Voloudakis

### Virtual Reality Applications for Surgical Training and Preoperative Planning

Kyriakos Vamvakidis

### Virtual Reality-Based Thyroidectomy Training

Ioannis Koutelidakis

### Emerging Technologies in AI-Driven Diagnostics and Robotic-Assisted Adrenal Surgery

Barbara Seeliger

### Sim-life Models for Teaching Endocrine Surgery

Gianluca Donatini

### Casting of Applications for Training in Thyroid Surgery

Ioannis Koutelidakis

### Hands-On with VR Headset for Thyroidectomy and Neuromonitoring

