



**IURES  
2025  
CONGRESS**

NOVEMBER 6-8, 2025  
Hilton Dalaman, Samsun Hotel

# **SACRAL NEUROMODULATION HANDS-ON TRAINING COURSE ON 3D PRINTED MODELS**

**6 NOVEMBER 2025**

Course Directors:  
**Dr. Hashim Hashim**  
**Dr. Emre Huri**

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**IURES**  
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Future Together

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**Course Directors:**

Prof. Dr. Hashim Hashim

Prof. Dr. Emre Huri

**Course Faculty:**

Dr. Rahmi Onur

Dr. Mehmet Yoldaş

Dr. Mustafa Tipirdamaz

Dr. Esat Korgali

Dr. Fatih Yanaral

Dr. Senad Kalkan

**Aims and Objectives:**

Sacral neuromodulation is now standard treatment for patients with OAB, idiopathic retention and fecal incontinence who have failed conservative management. This workshop will briefly review appropriate patient selection but will then focus most of the time on hands on skills to learn appropriate needle and lead placement techniques. Experienced experts will work with attendees on 3D printed models to teach them how to achieve lead placement efficiently and appropriately. Tips and tricks for getting the best responses will be reviewed.

**Learning Objectives:**

- Understand the role of sacral neuromodulation, recognize the latest technological developments, their clinical implications and getting the best outcome with SNM
- Understand the patient selection process and current SNM indications
- Review standard surgical technique for optimal lead placement and gain understanding of choices for recharge versus fixed battery (as well as use in neurological disease)

**Target Audience:** Urology, Urogynecology and Female & Functional Urology

**Description:**

The Sacral Neuromodulation (SNM) workshop will start with a general overview from the experts covering the current state of SNM therapy including the patient indications, clinical data, clinical guidelines, hospital set up needed for optimal therapy, ideal lead placement, technological advancement and the necessary patient follow-up. The delegates will then be divided into 6 small groups of 4-5 delegates on each station and rotate after 20 minutes through insertion of needle placement and percutaneous nerve evaluation leads station, advanced tined lead and battery implant station and programming. They will practice on 3D printed pelvic models and there will be visual aids. Tips and tricks will also be discussed with the experts and at the end of the session.

**Course Contents:**

Lectures & 3D physical simulators: Hands-on training with 3D printed patient specific CT-reconstructed models and surgical models

14:00 - 14:10	Welcome and Introduction - Hashim Hashim, Emre Huri
14:10 - 14:25	Good patient selection and preparation: new technologies, new indications, neurologic conditions- Hashim Hashim
14:25 - 14:30	Discussion
14:30 - 14:45	Ideal lead placement and stepwise SNM surgery- Emre Huri
14:45 - 14:50	Discussion
14:50 - 15:05	SNM in guidelines and review of the literatür – Rahmi Onur
15:05 - 15:10	Discussion
15:10 - 16:10	Hands- On Lead Placement Stations

- 1- Anatomic landmarks and Proper needle placement ( 2 stations - max. 10 participants) (20 min)
- 2- Permanent Lead Placement and Battery Implantation (2 stations- max. 10 participants) (20 min)
- 3- Smart programming with programmers (2 stations- max. 10 participants) (20 min)

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16:10 - 16:30 Questions and Closure