

Course Directors

- Prof. Kai Lehtimäki
Tampere
Neurosurgery
- Prof. Jukka Peltola
Tampere
Neurology

Accreditation

An application for accreditation will be submitted with RIZIV in Belgium

Target audience

- Neurologists and neurosurgeons with at least 2 or more years of experience with stereotactic neurosurgery and:
- Interest in the use of ANT-Deep Brain Stimulation as an alternative treatment for Epilepsy
- Wish to learn the practical aspects of the therapy or improve and expand their knowledge on implant techniques

Venue

Tampere University Hospital
Tampere
Finland

Registration

Please register through
info@ecmt-training.com

ANT-Deep Brain Stimulation for Epilepsy

November 18 & 25-26, 2025

Tampere, Finland

At the end of this training program, participants will be able to:

- Select patients for ANT-Deep Brain Stimulation
- Perform pre-operative planning of ANT-DBS
- Implant ANT-Deep Brain Stimulation
- Manage DBS epilepsy patients after surgery
- Evaluate post-operative outcomes
- Program ANT-Deep Brain Stimulation

Virtual introduction

Tuesday, November 18, 2025

Times mentioned are in CET (GMT+1)

- 17:30 Welcome & introduction of Faculty
Prof. Lehtimäki & Prof. Peltola
- 17:40 Agenda to follow
- 19:00 Closure

In-person training

Tuesday, November 25, 2025

Times mentioned are in EET (GMT+2)

- 09:00 Welcome & introduction
Prof. Peltola & Prof. Lehtimäki
- 09:15 Outcome of ANT-DBS in Epilepsy
Prof. Peltola
- 10:00 Relevant anatomy and imaging of ANT
Prof. Lehtimäki
- 10:20 Outcome based definition of the ANT target
Prof. Lehtimäki
- 11:15 Lunch

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12:30 Case presentations - Presented by Faculty

13:30 Pre-operative planning of ANT-DBS
Prof. Lehtimäki

14:00 Presentation of tomorrow's case
Prof. Peltola

14:30 Planning of the surgery
All

15:30 Multidisciplinary team approach
All

16:00 End of program day 1

18:00 Group dinner

Wednesday, November 26, 2025

Times mentioned are in EET (GMT+2)

08:00 Case Interactive DBS surgery
Neurosurgery team Tampere including presentations by Prof. Lehtimäki about surgical technique and intra-operative control of lead placement

12:15 Lunch

13:15 Post-operative management: Programming of the IPG & stimulation related side effects - practical training
Prof. Peltola

14:15 Patient selection; Who are candidates for ANT-DBS?
Prof. Peltola

14:45 Take home message
Prof. Lehtimäki & Prof. Peltola

15:00 End of program