

Course Directors

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

Accreditation

An application for accreditation has been submitted with RIZIV in Belgium
November 25: ID25022839
November 26: ID25022840

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 (UTC/GMT+1)

18:00	Welcome and Introduction of Course Directors and Participants All
18:25	Knowledge check - live survey Prof. Lehtimäki & Prof. Peltola
18:35	How to prepare for the in-person training - recommendations from Course Directors Prof. Lehtimäki & Prof. Peltola
18:40	Live Q&A session
18:45	Take away challenge – clinical case presentation from Course Directors to prepare for group discussion in Tampere Prof. Lehtimäki & Prof. Peltola
18:55	Closure Prof. Lehtimäki & Prof. Peltola
19:00	End of virtual introduction

In-person training

Tuesday, November 25, 2025

Times mentioned are in local Finnish time (UTC/GMT+2)

09:00	Welcome & introduction Prof. Peltola & Prof. Lehtimäki
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- 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**
- 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 local Finnish time (UTC/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**