

Course Directors

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

Faculty

- Dr. Timo Möttönen
Tampere
Neurosurgery

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

For more information

info@ecmt-training.com

ANT-Deep Brain Stimulation for Epilepsy

November 17 & 23-24, 2026

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 17, 2026

Times mentioned are in CET (UTC/GMT+1)

- | | |
|-------|---|
| 18:00 | Welcome and Introduction of Course Directors, Faculty 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
Prof. Lehtimäki, Prof. Peltola, Dr. Möttönen |
| 18:45 | Takeaway 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, Dr. Möttönen |
| 19:00 | End of virtual introduction |

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In-person training

Monday, November 23, 2026

- 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**
- 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**
Prof. Lehtimäki & Dr. Möttönen
- 15:30 Multidisciplinary team approach**
All
- 16:00 End of program day 1**
- 18:00 Group dinner**

Tuesday, November 24, 2026

- 08:00 Case interactive DBS surgery**
Neurosurgery team Tampere including presentations by Prof. Lehtimäki and Dr. Möttönen 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, Dr. Möttönen
- 15:00 End of program**