

#### Course Directors

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

#### Faculty

- Dr. Soila Järvenpää  
Neurology, Tampere
- Dr. Timo Möttönen  
Neurosurgery, Tampere

#### 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

Online training program

#### Registration

Please register through [info@ecmt-training.com](mailto:info@ecmt-training.com)

## ANT-Deep Brain Stimulation for Epilepsy

November 25 & December 2, 2024

On-line training from Tampere University Hospital, Finland

At the end of these 2 educational sessions, participants will be able to:

- Have an understanding of patient selection for ANT-Deep Brain Stimulation
- Understanding the basics of pre-operative planning of ANT-DBS
- Understand the Implant procedure ANT-Deep Brain Stimulation
- Evaluate post-operative outcomes

### Session I

November 25, 2024 - 17:00-19:00 CET (GMT+1)

- 17:00 Introduction: welcome and learning objectives  
Prof. Peltola & Assoc. Prof. Lehtimäki
- 17:05 Relevant anatomy and imaging of ANT  
Assoc. Prof. Lehtimäki
- 17:25 Patient selection: who are candidates for ANT-DBS?  
Prof. Peltola
- 17:45 Live Q&A session for participants  
All
- 17:50 Clinical Outcome of ANT-DBS in refractory Epilepsy  
Dr. Järvenpää
- 18:10 Definitions of ANT target  
Assoc. Prof. Lehtimäki
- 18:25 Live Q&A session for participants  
All
- 18:30 Pre-operative planning of ANT-DBS  
Assoc. Prof. Lehtimäki
- 18:50 Live Q&A session for participants  
All
- 18:55 Conclusions: have we met the learning objectives and what will come in the next training session  
Prof. Peltola & Assoc. Prof. Lehtimäki
- 19:00 End of Session I

#### Course Directors

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

#### Faculty

- Dr. Soila Järvenpää  
Neurology, Tampere
- Dr. Timo Möttönen  
Neurosurgery, Tampere

#### 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

Online training program

#### Registration

Please register through  
[info@ecmt-training.com](mailto:info@ecmt-training.com)

## Session II

December 2, 2024 - 17:00-19:15 CET (GMT+1)

- 17:00 **Introduction: welcome and learning objectives**  
Prof. Peltola & Assoc. Prof. Lehtimäki
- 17:05 **Recap from the first session: what were the key take-away messages**  
Prof. Peltola & Assoc. Prof. Lehtimäki
- 17:10 **Surgical technique and intra-operative control of lead placement**  
Dr. Möttönen
- 17:30 **Long-term patient follow-up, case-based experiences**  
Prof. Peltola
- 17:50 **Live Q&A session for participants**  
All
- 17:55 **Post-operative management: programming of the IPG & stimulation related side effects**  
Prof. Peltola
- 18:20 **Live Q&A session for participants**  
All
- 18:25 **Neuropsychiatric and cognitive aspects in the long-term follow-up**  
Dr. Järvenpää
- 18:45 **What are the sensing capabilities and how can we use them in Epilepsy**  
Prof. Peltola
- 19:05 **Live Q&A session for participants**  
All
- 19:10 **Conclusions: have we met the learning objectives of the ANT-DBS training**  
Prof. Peltola & Assoc. Prof. Lehtimäki
- 19:15 **End of Session II**