

## EPILEPSY 1– 3 FEBRUARY 2024

### Thursday 1 February

**08.15-08.30**

Welcome address, objective of the ESSFN courses

*António GONÇALVES-FERREIRA, Jean RÉGIS*

Organization of the 2024 ESSFN Hands-On Course on Surgery for Epilepsy

*António GONÇALVES-FERREIRA*

**08.30-09:00**

Epilepsy amenable to surgical treatment. Epidemiology, Indications, Goals

*José PIMENTEL*

**09.00-09.15**

Preoperative imaging studies: MR

*Angelo DIAS*

**09.15-09.30**

Preoperative imaging studies: Ictal SPECT, PET

*Sara PARREIRA*

**09.30-10:00**

Preoperative functional studies., SEEG and Video-EEG

*Ana-Rita PERALTA*

**10.00-10.30**

SEEG, surgical technique and SEEG-guided RF Thermoablation

*Stephan CHABARDES*

**10.30-11.00 Visit of the exhibition, coffee break**

**11.00-11.30**

Role of TMS in the treatment of epilepsy

*Vasilios KIMISKIDIS*

**11.30-12.00**

Corpus Calosotomy in the treatment of epilepsy

*Hans CLUSMANN*

**12.00-12.30**

Adjunctive surgery for epilepsy, role of VNS

*Martin ORTLER*



### **12.30 -13.30 Visit of the exhibition, lunch**

#### **13.30-14.00**

Sponsored Hands-on session - *FHC*

Efficient SEEG interventions in a sustainable economic framework

#### **14.00-14.30**

Sponsored Hands-on session – *Brainlab*

#### **Advanced Planning Software for Epilepsy**

A frontal presentation on the features and benefits of Elements for Hypothesis building and sEEG Planning, Robotics.

#### **14.30-18.00 Hands on session**

- VNS
- Callosotomy

*António GONÇALVES-FERREIRA, Dirk VAN ROOST, Stephan CHABARDES Alexandre CAMPOS, Olaf SCHIJNS, Hans CLUSMANN, Diogo SIMÃO, Jean REGIS*

#### **18.00 Return to hotel**

## Friday 2 February

**08.30-09.00**

Anatomy of the temporal lobe

*Lia NETO*

**09.00-09.30**

Approaches to the mesial temporal lobe and Selective amygdalohippocampectomy

*António GONÇALVES-FERREIRA*

**09.30-10.00**

Temporal lobectomy with A-H

*Dirk VAN ROOST*

**10.00-10.30 Visit of the exhibition, coffee break**

**10.30-11.00**

Focal lesion ablation

*Olaf SCHIJNS*

**11.00-11.30**

Radiosurgery in the treatment of epilepsy

*Jean RÉGIS*

**11.30-12.00**

LITT in the treatment of Epilepsy

*Ido STRAUSS*

**12.00 – 12.30**

Epilepsy Surgery for paediatric patients

*Alexandre CAMPOS*

**12.30-13.30 Visit of the exhibition, lunch**

**13.30-14.00**

Sponsored Hands-on session – *Brainlab*

**Mixed Reality for sEEG Analysis and Resective Planning**

Multiple MR Headsets to have an immersive experience of patient data to visualize tailored resections and active contact evaluation

**14.00– 14.30**

Sponsored Hands-on session – *Medtronic*

Visualase MRI-guided laser ablation as a minimally invasive surgical option for Drug resistant Epilepsy

**14.30-18.00 Hands-on session**

- Temporal and frontal subdural strip electrodes
- Temporal lobectomy, selective amygdalohippocampectomy

*António GONÇALVES-FERREIRA, Dirk VAN ROOST, Jean RÉGIS, Olaf SCHIJS, Hans CLUSMANN, Alexandre CAMPOS, Diogo SIMÃO, Stephan CHABARDES, Konstantinos FOUNTAS*

**18.00 Return to hotel**

**19.00 Course dinner**

## Saturday 3 February

### 08.30-09.00

Functional hemispherotomy

*Alexandre CAMPOS*

### 09.00-09.30

Complications in epilepsy surgery and reoperation after failed epilepsy surgery

*Lorand EROSS*

### 09.30-10.00

Anatomy of the thalamus and its anterior nucleus

*Jean RÉGIS*

### 10.00-10.30 Visit of the exhibition, coffee break

### 10.30-11.00

Thalamic deep brain stimulation for epilepsy

*Stephan CHABARDES*

### 11.00-11.30

Responsive stimulation of the brain as a treatment of epilepsy

*Konstantinos FOUNTAS*

### 11.30-12.30 Assessment

### 12.30-13.30 Visit of the exhibition, lunch

### 13.30-14.00

Sponsored Hands-on session – *Medtronic*

DBS with Sensing capability as an advanced treatment option for Drug resistant Epilepsy

### 14.00-14.30

Sponsored Hands-on session – *Inomed*

Stereotactic and sEEG-guided radiofrequency brain lesioning for epilepsy

### 14.30 Hands-on session

- Multiple subpial transections
- Extratemporal topectomy
- functional hemispherotomy

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### 18.00 Return to hotel