

A fresh look at the fundamentals of SEEG

Course Program

Wed Oct 30th, 2024

- 4:30pm – 4:45pm **Welcome from local committee**
Kanokwan Boonyapisit (Thailand)
Piradee (Ann) Suwanpakdee (Thailand)
- 4:45pm – 5:15pm **Epilepsy surgery in Asia: development and future perspectives**
Kheng Seang Lim (Malaysia)
- 5:15pm – 6:00pm **Keynote Presentation: Why SEEG? A history of concepts**
Patrick Chauvel (USA)

Thurs Oct 31st, 2024

Phase I: The crucial part of SEEG

- 8:30am – 9:15am **Introduction to the role of phase I in SEEG**
Sasha Dionisio (Saudi Arabia)
- 9:15am – 10:00am **Seizures: electroclinical correlations during video-EEG**
Anca Nica (France)
- 10:00am – 10:30am *Break*
- 10:30am – 11:15am **Interictal and ictal imaging (SPECT, PET)**
Chong Wong (Australia)
- 11:15am – 12:00pm **Lesions: unbiased reading of MRI**
Jorge Gonzalez-Martinez (USA)
- 12:00pm – 12:30pm **Discussion**
- 12:30am – 1:30pm *Lunch*

Phase I to Phase II: Preparing implantation.

- 1:30pm – 2:15pm **The importance of patient selection: indications and contraindications for SEEG**
Hsiang-Yu (Alice) Yu (Taiwan)
- 2:15pm – 3:00pm **Cortical anatomy, stereotaxy, and electrode implantation**
Jorge Gonzalez-Martinez (USA)
- 3:00pm – 3.30pm *Break*

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Phase II: Where to implant the electrodes?

- 3:30pm – 5:30pm **Case presentations: Phase I**
Sasha Dionisio, Andrew Neal, Alice Yu
- 6:30pm *Official Dinner*

Fri Nov 1st, 2024

Phase II: Interpretation of SEEG

- 8:00am – 8:45am **Approach to interpreting interictal SEEG**
Louis Maillard (France)
- 8:45am – 9:45am **Electrical onset patterns and EZ**
Patrick Chauvel (USA)
- 09:45am – 10:15am *Break*
- 10:15am – 11:00am **Anatomo-electro-clinical correlations- overview and examples**
Aileen McGonigal (Australia)
- 11:00am – 12:00pm **Use of stimulation in SEEG**
Anca Nica, Aileen McGonigal
- 12:00pm – 12:15pm **Discussion**
- 12:15pm – 1:15 pm *Lunch*

Cases follow up

- 1:15pm – 3:30pm **Illustrative cases of AEC correlations: SEEG**
Sasha Dionisio, Andrew Neal, Alice Yu
- Panel discussion and questions**
- 3:30pm – 4:00pm *Break*

Definition of the surgical plan: putting together AECC, electrical ictal patterns, lesion and Neuropsychology

- 4:00pm – 4:45pm **Use of RF-TC in SEEG- when, where and how?**
Andrew Neal (Australia)
- 4:45pm – 5:30pm **The design of a cortectomy guided by SEEG.**
Jorge Gonzalez-Martinez (USA)
- 5:30pm – 6:00pm **Panel discussion and close of meeting**