



**ISIN 2021**

Eighth Congress of the International Society of  
Intraoperative Neurophysiology and Educational Course  
December 7, 2021- December 12, 2021



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# Education Program

## December 7th–9th

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110 E Schiller Street, Suite 230, Elmhurst, IL 60126

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## Tuesday, December 7th

**1:00–1:20pm**      **Welcome and Introduction**  
ISIN President  
Course Overview

**1:20–4:15pm**      **Back to Basics: Part I**

1:20–1:45pm      Basic Principles of Neurophysiology

1:45–2:15pm      Safety in the OR

2:15–2:40pm      Anesthesia

2:40–2:50pm      Discussion

2:50–3:15pm      MEP & CoMEP

3:15–3:40pm      SEP

3:40–4:05pm      EEG

4:05–4:15pm      Discussion

**4:15–4:45pm**      **Coffee Break**

**4:45–6:45pm**      **Back to Basics: Part II**

4:45–5:05pm      EMG

5:05–5:25pm      Reflexology

5:25–5:45pm      BAER

5:45–6:05pm      VEP

6:05–6:30pm      Mapping Techniques

6:30–6:45pm      Discussion

**6:45–7:30pm**      **Magistral Lecture**

**7:30–9:30pm**      **Welcome Reception**

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## Wednesday, December 8th

**8:00–11:20am Vascular Brain Surgery**

8:00–8:30pm **Talking About Anatomy — Functional Vascular Anatomy**

8:30–9:00am **Talking About Surgery — Surgery of Intracranial Aneurysms & AVM**

9:00–9:25am **Talking About Surgery — Surgery of Carotid Endarterectomy**

9:25–9:35am Discussion

9:35–10:05am **Talking About Neuromonitoring — Neuromonitoring in Intracranial Aneurysms & AVM**

10:05–10:35am **Talking About Neuromonitoring — Neuromonitoring in Carotid Endarterectomy**

10:35–11:05am **Talking About Neuromonitoring — Neuromonitoring in Endovascular Procedures**

11:05–11:20am Discussion

**11:20–11:50am Coffee Break & Exhibitors**

**11:50am–1:30pm Epilepsy Surgery**

11:50am–12:20pm **Talking About Anatomy — Seizures: Semiology & Functional Anatomy**

12:20–12:50pm **Talking About Surgery — Epilepsy Surgery**

12:50–1:20pm **Talking About Neuromonitoring — Neuromonitoring of Epilepsy Surgeries**

1:20–1:30pm Discussion

**1:30–2:30pm Lunch Break & Exhibitors**

**2:30–6:00pm Discussion Groups**

2:30–3:15pm Rotation 1

3:15–4:00pm Rotation 2

**4:00–4:30pm Coffee Break & Exhibitors**

4:30–5:15pm Rotation 3

5:15–6:00pm Rotation 4

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## Thursday, December 9th

**8:00am–1:30am Brain Tumor Surgery**

8:00–8:30pm **Talking About Anatomy — Functional Anatomy of Cortical Areas & Tracts**

8:30–8:55am **Talking About Surgery — Surgery of Tumors in Motor Areas**

8:55–9:20am **Talking About Surgery — Tumors in the Insula & Deep Brain**

9:20–9:45am **Talking About Surgery — Awake Surgeries**

9:45–10:10am **Talking About Surgery — Brain Surgery in Children**

10:10–10:20am Discussion

**10:20–10:50am Coffee Break & Exhibitors**

10:50–11:15am **Talking About Neuromonitoring — VEP Monitoring**

11:15–11:40am **Talking About Neuromonitoring — Technical Aspects of Electrical Cortical Stimulation**

11:40am–12:05pm **Talking About Neuromonitoring — Cortical Motor and Sensory Mapping Under General Anesthesia**

12:05–12:15pm Discussion

12:15–12:35pm **Talking About Neuromonitoring — Mapping and Monitoring in Awake Surgeries**

12:35–1:00pm **Talking About Neuromonitoring — MEP Monitoring Under General Anesthesia**

1:00–1:20pm **Talking About Neuromonitoring — Subcortical Mapping Under General Anesthesia**

1:20–1:30pm Discussion

**1:30–2:30pm Lunch Break & Exhibitors**

**2:30–6:00pm Discussion Groups**

2:30–3:15pm Rotation 1

3:15–4:00pm Rotation 2

**4:00–4:30pm Coffee Break & Exhibitors**

4:30–5:15pm Rotation 3

5:15–6:00pm Rotation 4