



Centre of
Excellence
in Pediatric
Neurosciences



Pediatric Epilepsy Surgery

From Basics to Advancements

November 7th - 10th, 2024

**Amriteshwari Hall, 5th Floor,
2nd Tower, Amrita Hospital, Kochi**

Course Directors

Dr. Vinayan K P
Dr. Ashok Pillai
Dr. Siby Gopinath

International Faculty

Dr. Naotaka Usui (Japan)
Dr. Midori Nakajima (Japan)
Dr. Hans Holthausen (Germany)
Dr. Till Hartlieb (Germany)
Dr. Eliseu Paglioli (Brazil)

Dr. Petia Dimova (Bulgaria)
Dr. Suresh Pujar (UK)
Dr. Jithangi Wanigasinghe (Srilanka)
&
Eminent National Speakers

Course Description

This is a 4-day residential course on pediatric epilepsy surgery, from the basics to advanced topics, using an interactive, case-based approach. The content covers concepts of pharmacoresistance, maturational aspects, special semiological attributes in children, basics of presurgical evaluation including Video-EEG interpretation, common surgical substrates in childhood, and the various surgical techniques. In addition, the learners will get introduced to advanced multimodal evaluation with newer structural and functional techniques along with invasive evaluation and SEEG. The course will utilize a standardized teaching module with didactic lectures and practical workshops in which illustrative cases will be reviewed by participants in small groups supervised by the faculty/tutor to gain hands-on experience in presurgical evaluation and surgical planning. Our faculty includes senior pediatric epileptologists and neurosurgeons from around the world.

The course is designed for neurologists (pediatric and adult), clinical neurophysiologists, and neurosurgeons who would like to learn the techniques of pediatric epilepsy surgery. It is limited to a maximum of 100 participants, so early booking is highly recommended. Preference will be given to early career neurologists and neurosurgeons from resource limited settings.

The course is supported by the International League Against Epilepsy – Asia-Oceania (ILAE – AO)

Time Table

Day 1	
Time	Topic
10.00 - 11.00 AM	Registration
11.00 - 11.30 AM	Inauguration & Pooja
11.30 - 12.00 PM	Pharmacoresistance in Epilepsy-Approach
12.00 - 12.30 PM	Pre-Surgical Evaluation-Basic Concepts
12.30 - 01.00 PM	Focal Epilepsy in Children –Developmental Aspects
01.00 - 02.00 PM	Lunch
02.00 - 02.30 PM	Semiological features in Children Frontal & Rolandic Epilepsy
02.30 - 03.00 PM	Posterior Cortex Epilepsy
03.00 - 03.30 PM	Insula & Cingulate Epilepsy
03.30 - 04.00 PM	Temporal Lobe Epilepsy
04.00 - 04.30 PM	Tea
04.30 - 06.30 PM	Case Session 1 (3 cases) FCD-Bottom of Sulcus Dysplasia Multilobar Dysplasia MOGHE
06.30 - 07.30 PM	Back to Basics VEEG Reading & Interpretation
07.30 PM	Dinner

Day 2	
09.00 - 09.30 AM	Timing of Epilepsy Surgery in Children- How early is really early?
09.30 - 10.00 AM	Role of Genetics In Epilepsy Surgery
10.00 - 10.30 AM	Tea
10.30 - 12.30 PM	Case Session 2 Tuberous Sclerosis
12.30 - 01.30 PM	Lunch
01.30 - 03.30 PM	Case Session 3 Large Hemispheric Lesions & Hemispherotomy (Gliosis, Hemimegalencephaly, RE)
03.30 - 04.00 PM	Tea
04.00 - 04.30 PM	Management of Rasmussen's encephalitis- Current Perspectives
04.30 - 05.00 PM	Hemispherotomy Techniques
05.00 - 06.00 PM	Imaging in Pediatric Epilepsy
06.00 - 06.30 PM	Pathology of common epilepsy substrates
06.30 - 07.00 PM	Role of Neuropsychology in Pediatric Epilepsy Surgery
07.30 PM	Cultural Evening
Day 3	
08.30 - 09.00 AM	Multimodal Evaluation
09.00 - 09.30 AM	Invasive EEG in Children
09.30 - 10.00 AM	Role of ECoG
10.00 - 10.30 AM	Tea
10.30 - 12.30 PM	Case Session 4 Posterior Cortex Epilepsy (Gliosis, FCD, SWS)
12.30 - 01.00 PM	Disconnective Surgeries-Techniques
01.00 - 02.00 PM	Lunch
02.00 - 4.00 PM	Case Session 5 HH, PNH (3 cases)
04.00 - 04.30 PM	Non-Resective Surgical Techniques
04.30 - 05.00 PM	Tea
05.00 - 05.30 PM	Ictal EEG-basic patterns
05.30 - 06.00 PM	Unusual Semiologies in Children
07.00 PM	Networking Dinner
Day 4	
09.00 - 09.40 AM	Debate Surgery for Pharmacoresponsive Lesional Epilepsy in Children For - Against -
09.40 - 10.10 AM	MRI Negative Epilepsy in Children
10.10 - 10.30 AM	Tea
10.30 - 12.30 PM	Case Session 6 MRI Negative Frontal/Insular Epilepsy
12.30 PM	Valedictory Function

Patrons

Dr. Prem Nair
Dr. Gireesh Kumar K P
Dr. Anand Kumar
Dr. Sajesh Menon

Organizing Committee

Dr. Pushkaran Jayapaul
Dr. Vaishakh Anand
Dr. Rajesh Kannan
Dr. Harilal Parasuraman
Ms. Akshaya Raman
Ms. Nayana Shiju
Ms. Sonu Anup

Registration Details

Only limited seats available.

For Registration contact

Bismi Linu, Mob:8078076732

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Registration Fee

	Indian Delegates	International Delegates
Early Bird until 30.09.2024	Rs.15,000/-	US \$200
Standard Fee from 01.10.2024	20,000/-	US \$300
Accommodation	Rs 4,050/-	US \$50

*All rates are inclusive of GST

For more information, Scan this QR Code



Conference Venue

Amrita Institute of Medical Sciences
Amrita Epilepsy Centre
Ponekkara Road P.O., Edapally, Cochin
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