

# MEDTRONIC APAC Epilepsy Symposium

Severance Hospital, Korea

**Medtronic**  
Further. Together

## Course Objective:

The participants will be able to consider DBS as an effective treatment option for Epilepsy disease and further to increase DBS application through knowing the patient selection, lead target region and post -op management.

The workshop will cover the following aspects.

- Review of Clinical Evidence of Epilepsy DBS
- Pathological Brain Network in Patients with Epilepsy
- Patient Selection & Collaboration of Multidisciplinary Team
- Optimization of Medication and Stimulation & Troubleshooting
- Consideration Factors of Surgical Procedure
- Stimulation Targets for Epilepsy
- Imaging and Pre-operative Planning for ANT DBS

## Target attendees are:

Interested in Epilepsy DBS are welcome to join, particularly those regions attempting to expand DBS application to Epilepsy disease. (Skill-up in both neurologists and neurosurgeons)

## Course Director Information:

<b>Prof Jukka Peltola</b> Department of Neurology Tampere University Hospital, Finland	<b>Prof Kai Lehtimäki</b> Consultant neurosurgeon Tampere University Hospital, Finland
<b>Dr. John Archer</b> Department of Neurology Heidelberg Neurology, Australia	<b>Prof Jin Woo Chang</b> Department of Neurosurgery Severance Hospital, Korea
<b>Prof Jung Il Lee</b> Department of Neurosurgery Samsung Medical Center, Korea	<b>Prof Won Seok Chang</b> Department of Neurosurgery Severance Hospital, Korea

## AGENDA

DATE: Jan 17-18(FRI-SAT), 2020

TARGET: APAC PHYSICIANS

VENUE: SEVERANCE HOSPITAL, KOREA (50-1 Yonsei-ro, Seodaemun-gu, Seoul 03722)

### Day 1 College of Medicine (1F, Yoon In Bae Hall)

Time		Topic	Presenter	Chairman
08:00-08:30	30	Registration & Networking	All	
08:30-08:40	10	Opening Remarks	Prof Jin Woo Chang (WSSFN President)	Prof Jin Woo Chang (WSSFN President)
08:40-09:20	40	Regional Experience Sharing of APAC ● IND, SEA (20 min each)	IND : Dr. Ashok Pillai SEA : Dr. Yotin Chinvarun, Dr. Siraruj Sakoolnamarka	
09:20-10:00	40	Regional Experience Sharing of Korea	Prof Jung Il Lee	
10:00-10:20	20	Coffee Break	All	
10:20-11:00	40	Regional Experience Sharing of ANZ	Dr. John Archer	
11:00-11:40	40	Brain stimulation therapies for the treatment of epilepsy	Prof Se Hee Kim	
11:40-11:50	10	Break	All	
11:50-12:20	30	Patient Selection	Prof Jukka Peltola	
12:20-13:10	50	Lunch & Break time	All	
13:10-13:40	30	Collaboration of Multidisciplinary Team	Prof Jukka Peltola	Prof Jin Woo Chang (WSSFN President)
13:40-14:10	30	Stimulation Targets for Epilepsy	Prof Kai Lehtimäki	
14:10-14:40	30	Pathological Brain Network in Patients with Epilepsy	Prof Jukka Peltola	
14:40-15:10	30	Imaging and Pre-operative Planning for ANT DBS	Prof Kai Lehtimäki	
15:10-15:30	20	Break	All	
15:30-16:10	40	Thalamic & hippocampal DBS for patients with refractory epilepsy	Prof Young Min Shon	
16:10-16:50	40	European Clinical Study Review (MORE Study)	Frans Gielen (MDT Engineer)	
16:50-17:30	40	Consideration Factors of Surgical Procedure	Prof Jong Hyun Kim	
17:30-17:40	10	Day 1 Wrap-up & Closing remark	Prof Jin Woo Chang (WSSFN President)	
17:40-20:00		Group Dinner	All	

**Day 2** Main building (6F, Seminar room 2&3)

Time		Topic	Presenter
08:00-08:30	30	Today's Case Preview	Prof Won Seok Chang
08:30-11:00	150	Planning for Epilepsy DBS	Prof Kai Lehtimäki Prof Won Seok Chang
		Epilepsy DBS Live Surgery	Prof Won Seok Chang Prof Kai Lehtimäki Prof Jin Woo Chang
11:00-11:30	30	Optimization of Medication and Stimulation & Troubleshooting	Prof Jukka Peltola
11:30-12:00	30	Today's Case Review & Group photo	Prof Kai Lehtimäki Prof Jin Woo Chang Prof Won Seok Chang
12:00-		Closing Remarks	All

\*Group lunch & dinner is only scheduled on Day 1.

\*Small finger food will be provided on Day 2.