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APHRS Interventional EP Curriculum 2021

Advanced EP Module

This program sponsored by Abbott Medical is designed to offer a systematic approach to current and innovative techniques in electrophysiology. The interventional EP Ablation Curriculum provides training on signal interpretation, diagnosis, and comprehensive approach to ablation techniques. It includes theory, case discussions and live webinars, providing a platform for interactions with faculty of experts.

AUDIENCE	Physician who is able to perform AF and VT ablation, with the opportunity to conduct advanced AT, AFL, VT procedures in their center or eager to start complex arrhythmia procedures.
WHEN	Nov 2021
WHERE	Online Course
OBJECTIVES	Upon completion of EP Fundamentals in classroom or self-study, the participant is expected to have a solid understanding of the following concepts: • Understand and recognize the atrial and ventricular anatomical landmarks • Understand the various strategies for complex AT/VT ablation • Be able to start complex arrhythmia ablation • Understand and manage complex ablation complications
TOPIC	Enhancing learning by integrating theory and practice: • 3D mapping techniques • Persistent AF approaches: PVI and/or non-PV foci, linear/Box ablation, substrate modification • Scar related AT/AFL and VT approaches • Management of complications
MODULE DIRECTOR	Prof. Shih-Ann CHEN VT Module Director, APHRS IEPC 2021 Superintendent, Taichung Veterans General Hospital, Taiwan Professor of National Yang Ming University, Taiwan
FACULTY	Prof. Yen Ho SIEW Professor of Cardiac Morphology Royal Brompton & Harefield Hospitals, UK Imperial College London, UK





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Course Agenda

Item	Topic	Speaker	Mins	Format
Opening	Welcome & Introduction	Dr. Shih-Ann Chen	5	Video
Session 1	Anatomy and Mapping Techniques			
Lesson 1	Anatomy and Complex Arrhythmia Related Substrate Abnormality	Dr. Siew Yen Ho	30	Video Presentation
Lesson 2	High Density Mapping Techniques in Scar Related AT/AFL and VT - Unipolar/Bipolar/Abnormal Signals - Activation Mapping Beyond the Color - Voltage/Substrate Mapping - Entrainment Mapping	Dr. Balbir Singh	30	Video Presentation
Session 2	New Approaches and Optimized Workflows			
Lesson 3	Persistent AF Ablation Approaches	Dr. Yung-Kuo Lin	30	Video Presentation
Lesson 4	New Strategies of Scar Related AT/AFL Post AF	Dr. Cheng-Hung Li	30	Video Presentation
Lesson 5	New Strategies of Scar Related VT	Dr. Yenn-Jiang Lin	30	Video Presentation
Lesson 6	Congenital Heart Disease Related Arrhythmia Mapping and Ablation	Dr. Chieh-Mao Chuang	30	Video Presentation
Lesson 7	One-stop AF Management	Dr. Hui Min Chu	30	Video Presentation
Session 3	New Technology Utilization			
Lesson 8	Optimized Workflows in Complex AF Ablation	Dr. Shih-Ann Chen (Host) Dr. Chi Keong Ching (Co-Host)	90	Webinar 1 6 Nov (Sat) 2021 9 AM - 10:30 AM Singapore Time Webinar Recap
	Fast PV Isolation and HPSD Ablation Technique	Dr. Shih-Lin Chang		
	Omnipolar Mapping in AF	Dr. Li-Wei Lo		
	Mapping and Ablation Approach in Persistent and Redo AF	Dr. Koichiro Kumagai		
Lesson 9	Optimized Workflows in Complex VT Ablation	Dr. Shih-Ann Chen (Host) Dr. Akihiko Nogami (Co-Host)	90	Webinar 2 27 Nov (Sat) 2021 9 AM - 10:30 AM Singapore Time Webinar Recap
	Characteristics of VT Circuit	Dr. Fa-Po Chung		
	ILAM Approach & Diastolic Pathway Mapping	Dr. Chin-Yu Lin		
	Intramural VT – Substrate Characterization Techniques	Dr. Masahiko Goya		
Session 4	Cardiac Imaging, Fluoro-less Approach in AF			
Lesson 10	Cardiac Imaging for Substrate Analysis – ADAS Software Utilization	Dr. Ivo Roca	30	Video Presentation
Lesson 11	Cardiac Imaging for Substrate Analysis – AF/AFL Ablation	Dr. Kuo Ling	30	Video Presentation
Lesson 12	Fluoro-reduction with ICE and 3D Mapping in AF	Dr. Ajita Kanthan	30	Video Presentation