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APHS Interventional EP Curriculum 2020

AF 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 can perform SVT ablation, with the opportunity to conduct AF procedures in their center or eager to start AF procedures

WHEN Sep, 2020

WHERE Online Course

OBJECTIVES Upon completion of this module participants will learn:

- Understand and recognize the atrial anatomical landmarks
- Perform the transeptal puncture
- Understand the various strategies for AF ablation and 3D mapping
- Able to start AF ablation
- Understand and manage AF ablation complications

TOPICS Enhancing learning by integrating theory and hands-on practice:

- Biophysics of cardiac ablation
- Anatomy and 3D mapping navigation notions
- Preparation for first AF procedure
- PV electrograms interpretation
- Strategies for AF ablation
- Management of Complications

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Course Agenda

Item	Topic	Speaker	Mins	Format
Opening	Welcome & Introduction	Prof. Ming Long Chen	5	Video Presentation
Session 1	Reassessing the Basics			
Lesson 1	Anatomy Relevant to AF Ablation	Dr. Balbir Singh	30	Video Presentation
Lesson 2	AF Mechanism, Guideline and Patient Selection	Prof. Xue Bin Li	30	Video Presentation
Session 2	Paroxysmal AF Ablation			
Lesson 3	How to Prepare the First AF Case	Dr. Gang Yang	45	Video Presentation
Lesson 4	Step by Step Approach to do AF PVI: How to Generate Long-lasting Efficient PVI	Dr. Chen Yang Jiang Dr. Xue Bin Li Dr. Gang Yang (Host) Prof. Hui Nam Pak	90	Webinar 12 Sep (SAT) 10AM-1130PM (Singapore Time) Webinar Recap
Lesson 5	How to Reduce Paroxysmal AF Recurrence and Improve Ablation Efficiency	Prof. Ming Long Chen	30	Video Presentation
Session 3	Persistent AF and Redo AF Management			
Lesson 6	Step by Step Approach to do Persistent AF Ablation	Dr. Balbir Singh Dr. Chen Yang Jiang Prof. Xue Bin Li (Host) Prof. Ming Long Chen Dr. Gang Yang	90	Webinar 19 Sep (SAT) 10AM-1130PM (Singapore Time) Webinar Recap
Lesson 7	Case in a Box I: Clinical Outcomes of Optimized Workflow in Persistent AF	Dr. John Day	30	Video Presentation
Lesson 8	Redo AF Management	Prof. Shih Ann Chen	30	Video Presentation
Lesson 9	Case in a Box II: Case-based Discussion: AT/AFL Post AF Ablation	Prof. Chi Keong Ching	30	Video Presentation
Session 4	Complication Management			
Lesson 10	AF Complication Prevention and Management	Dr. Chen Yang Jiang	30	Video Presentation