



APHRS Interventional EP Curriculum 2021

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	Jul 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: <ul style="list-style-type: none"> • Understand and recognize the atrial anatomical landmarks • Perform the transseptal puncture • Understand the various strategies for AF ablation and 3D mapping • Able to start AF ablation • Understand and manage AF ablation complications
TOPIC	Enhancing learning by integrating theory and hands-on practice: <ul style="list-style-type: none"> • 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
MODULE DIRECTOR	Prof. Peter KISTLER AF Module Director, APHRS IEPC 2021 Head of Clinical Electrophysiology Research Baker Heart and Diabetes Institute Head of Electrophysiology The Alfred Hospital, Melbourne, Australia





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Course Agenda

Item	Topic	Speaker	Mins	Format
Opening	Welcome & Introduction	Dr. Peter Kistler	5	Video
Session 1	Reassessing the Basics			
Lesson 1	Cardiac anatomy and heart dissection	Dr. Siew Yen Ho	30	Video Presentation
Lesson 2	Rationale to AF ablation, AF Mechanism, Guidelines and Patient Selection	Dr. Gregory Michaud	30	Video Presentation
Session 2	Paroxysmal AF Ablation			
Lesson 3	How to Prepare the First AF Case			
	Ablation Biophysics	Dr. Eric Lim	20	Video Presentation
	AF workflow: <ul style="list-style-type: none"> • Imaging for AF & Role of 3D Mapping / Image Integration / ICE • How to Perform a Safe Transseptal Puncture? • PV Signal Interpretation 	Dr. Hui Nam Pak	45	Video Presentation
	Anticoagulation and Patient Management	Dr. Emily Kotschet	20	Video Presentation
Lesson 4	Step by Step Approach to do AF PVI: How to Generate Long-lasting Efficient PVI	Dr. Peter Kistler (Host)	90	Webinar 1
	Tips and Tricks for Durable PVI	Dr. Martin Stiles		31 Jul (Sat) 2021
	High Power Short Duration Ablation in AF	Dr. Alex Voskoboinik		9 AM - 10:30AM
	Achieving PVI when First Pass Isolation is NOT Achieved: What's Next	Dr. Raymond Sy		Singapore Time
	Minimizing Complications and Maximizing the Efficiency	Dr. Saurabh Kumar		Webinar Recap
Session 3	Persistent AF Management			
Lesson 5	Approaches to do Persistent AF Ablation	Dr. Peter Kistler (Host)	90	Webinar 2
	Ablation Targets Beyond PVI: State of the Art Review of the Literature	Dr. Alex Mclellan		14 Aug (Sat) 2021
	Posterior Wall Isolation: Strategies and Success	Dr. Stuart Thomas		9 AM - 10:30AM
	Non-PV Triggers: Mapping and Ablation in the Real World	Dr. Rajeev Pathak		Singapore Time
				Webinar Recap
Lesson 6	Case in a Box II: Clinical Outcomes of Optimized Workflow in Persistent AF	Dr. John Day	30	Video Presentation
Session 4	Redo AF Management			
Lesson 7	Approach to Redo AF and Atypical Atrial Flutter: How to Collect and Analyze map	Dr. Peter Kistler (Host) Dr. Hui Nam Pak (Co-Host)	90	Webinar 3
	Approach to Redo Ablation with Enduring PVI	Dr. Peter Kistler		4 Sep (Sat) 2021
				9 AM - 10:30AM
				Singapore Time





	Mapping and Ablation of Atypical Flutter	Dr. Jon Kalman		Webinar Recap
	Lifestyle Modification	Dr. Prash Sanders		
Lesson 8	Case in a Box III: Vein of Marshall Alcohol Ablation	Dr. Shih Lin Chang	30	Video Presentation
Session 5 New Technology and New Approach in AF				
Lesson 9	Reducing Fluoroscopy for Atrial Fibrillation Ablation	Dr. Chi Keong Ching	20	Video Presentation
Lesson 10	The Management of AF in Patients with Heart Failure	Dr. Sandeep Prabhu	20	Video Presentation