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APHS 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	<p>Upon completion of EP Fundamentals in classroom or self-study, the participant is expected to have a solid understanding of the following concepts:</p> <ul style="list-style-type: none">• 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
TOPIC	<p>Enhancing learning by integrating theory and hands-on practice:</p> <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	<p>Prof. Peter KISTLER AF Module Director, APHS IEPC 2021 Head of Clinical Electrophysiology Research Baker Heart and Diabetes Institute Head of Electrophysiology The Alfred Hospital, Melbourne, Australia</p>



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FACULTY

Prof. Yen Ho SIEW

Professor of Cardiac Morphology
Royal Brompton & Harefield Hospitals, UK
Imperial College London, UK

Prof. Gregory F. MICHAUD

Professor of Medicine
Vanderbilt University School of Medicine
Chief, Arrhythmia Service VHVI

Prof. Eric Tien Siang LIM

Senior Consultant, Department of Cardiology
National Heart Centre, Singapore

Prof. Hui Nam PARK

Department of Cardiology
Severance Hospital, Seoul, Korea

Dr Emily KOTSCHET

Cardiologist and Electrophysiologist
Monash Heart, Melbourne, Australia

A/Prof. Martin STILES

Director of Electrophysiology, Waikato Hospital, New Zealand
Associate Professor in Medicine, The University of Auckland, New Zealand

A/Prof. Alex VOSKOBOINIK

Consultant Cardiologist & Electrophysiologist, Alfred & Western Health
Department of Electrophysiology Research
Baker Heart & Diabetes Institute & Monash University

A/Prof. Raymond SY

Clinical Associate Professor, Central Clinical School
The University of Sydney, Australia

A/Prof. Saurabh Kumar

Cardiologist, Cardiac Electrophysiologist, Staff Specialist
Program Director for Ventricular Arrhythmias and Sudden Cardiac Death
Westmead Hospital, New Zealand

Dr. Alex MCLELLAN

Cardiologists
The Royal Melbourne Hospital, Australia

A/Prof. Stuart THOMAS

Cardiologist, Clinical Lead for Clinical Cardiac Electrophysiology
Department of Cardiology
Westmead Hospital, New Zealand





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A/Prof. Rajeev PATHAK

Clinical Academic, Lead of Cardiac Electrophysiology
The Canberra Hospital, Australia

Dr. John D. DAY

Physician Executive, Cardiovascular Service Line
Mountain Division, HCA Healthcare

Prof. Jonathan KALMAN

Head of Heart Rhythm Department
The Royal Melbourne Hospital, Australia

Prof. Prash SANDERS

Director of Cardiac Electrophysiology & Pacing
The Royal Adelaide Hospital, Australia

Prof. Shih-Lin CHANG

Director of Heart Rhythm Center, Division of Cardiology
Taipei Veteran General Hospital, Taiwan

Prof. Chi Keong CHING

Senior Consultant, Director of Electrophysiology and Pacing
Department of Cardiology
National Heart Centre, Singapore

A/Prof. Sandeep PRABHU

Cardiologist & Electrophysiologist
The Alfred, 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 31 Jul (Sat) 2021 9 AM - 10:30AM Singapore Time Webinar Recap
	Tips and Tricks for Durable PVI	Dr. Martin Stiles		
	High Power Short Duration Ablation in AF	Dr. Alex Voskoboinik		
	Achieving PVI when First Pass Isolation is NOT Achieved: What's Next	Dr. Raymond Sy		
	Minimizing Complications and Maximizing the Efficiency	Dr. Saurabh Kumar		
Session 3	Persistent AF Management			
Lesson 5	Approaches to do Persistent AF Ablation	Dr. Peter Kistler (Host)	90	Webinar 2 14 Aug (Sat) 2021 9 AM - 10:30AM Singapore Time Webinar Recap
	Ablation Targets Beyond PVI: State of the Art Review of the Literature	Dr. Alex Mclellan		
	Posterior Wall Isolation: Strategies and Success	Dr. Stuart Thomas		
	Non-PV Triggers: Mapping and Ablation in the Real World	Dr. Rajeev Pathak		
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 4 Sep (Sat) 2021 9 AM - 10:30AM Singapore Time
	Approach to Redo Ablation with Enduring PVI	Dr. Peter Kistler		



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	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