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APHS Asia Interventional EP Curriculum 2022

SVT Module II

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 starting EP career and wants to learn how to perform SVT ablation. |
| WHEN | 27 August, 3 September & 17 September 2022 (A Series of 3 Saturday Sessions) |
| WHERE | Live Hybrid Meeting via EP Institute |
| OBJECTIVES | Upon completion of this SVT II module, the participant is expected to have a solid understanding of the following concepts: <ul style="list-style-type: none">• Cardiac Anatomy and Conduction• Introduction to EP and EP Lab• Biophysics of Ablation• Introduction of Cardiac Imaging• Arrhythmia Overview and Mechanisms: AVNRT, AVRT, AT & Typical AFL• Differential Diagnosis of SVT• Managing Complications and Fluoro Reduction in SVT• Complex EGMs |
| TOPIC | Enhancing learning by integrating theory and hands-on practice: <ul style="list-style-type: none">• Basic EP• Anatomy, Imaging and Biophysics of Ablation• Arrhythmia Overview and Mechanisms: AVNRT, AVRT, AT, Typical AFL, Complex EGMs |
| MODULE DIRECTOR | Prof. Chi-Keong CHING Senior Consultant, Department of Cardiology Director of Cardiac Electrophysiology & Pacing National Heart Centre, Singapore |
| FACULTY | Prof. Wataru SHIMIZU Professor and Chairman of Department of Cardiovascular Medicine Nippon Medical School, Japan |





Supported by:



Prof. Jim CHEUNG

Director of the Cornell Cardiac Electrophysiology Fellowship Program
Director of Clinical Electrophysiology Research
Weill Cornell Medicine, US

Prof. Nitish BADHWAR

Professor of Cardiovascular Medicine
Director of Cardiac Electrophysiology Training Program
Co-Director of Stanford Arrhythmia Center
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Dr. Dr Liang-han LING

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Dr. Soot-Keng MA

Loh Guan Lye Specialist Centre, Malaysia

Dr. Ronpichai CHOKESUWATTANASKUL

King Chulalongkorn Memorial Hospital, Thailand





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Course Agenda

| Item | Agenda | Speaker | Mins | Format |
|------------------|--|---|------|------------------------------------|
| Opening | Opening & IEPC Introduction | Prof. Wataru Shimizu Prof. Chi-Keong Ching | 5 | Video |
| Session 1 | Reviewing the Basics | | | |
| Lesson 1 | How to Prepare Your First SVT Procedure: Anatomy, Theory, Skill and Team | Prof. Jim Cheung | 25 | Video Presentation |
| Lesson 2 | Biophysics of RF Ablation | A/Prof. Eric Lim | 25 | Video Presentation |
| Lesson 3 | Introduction of Intra-cardiac Electrograms | Dr. Pipin Kojodjojo | 25 | Video Presentation |
| Lesson 4 | Performing EP Studies for SVT | A/Prof. Daniel Chong | 25 | Video Presentation |
| Session 2 | AVNRT and AVRT | | | |
| Lesson 5 | Electrophysiology and Ablation of AVNRT | A/Prof. Paul Lim | 25 | Video Presentation |
| Lesson 6 | Case in a Box 1 – AVNRT | A/Prof. Paul Lim | 25 | Video Presentation |
| Lesson 7 | Electrophysiology and Ablation of Atypical AVNRT | Prof. Nitish Badhwar | 25 | Video Presentation |
| Lesson 8 | Electrophysiology and Ablation of Accessory Pathways | Prof. Chi-Keong Ching | 25 | Video Presentation |
| Lesson 9 | Case in a Box 2 – AVRT | Dr. Ronpichai Chokesuwattanaskul | 25 | Video Presentation |
| Session 3 | AT/AFL and Complex EGM | | | |
| Lesson 10 | Electrophysiology and Ablation of Focal AT | A/Prof. Yun-Gi Kim | 25 | Video Presentation |
| Lesson 11 | Electrophysiology and Ablation of Typical Atrial Flutter | A/Prof. Kelvin Chua | 25 | Video Presentation |
| Lesson 12 | Fluoroscopy Reduction in 3D SVT Ablation | Prof. Chi-Keong Ching | 25 | Video Presentation |
| Lesson 13 | Case in a Box 3 – Diagnostic Maneuvers for SVT | Dr. Soot-Keng Ma | 25 | Video Presentation |
| Lesson 14 | Practical Aspects of Focal AT Ablation | Dr. Liang-Han Ling | 25 | Video Presentation |
| Lesson 15 | Case in a Box 4 – Complex SVTs in Congenital Heart Disease | A/Prof. Sabrina Tsao | 25 | Video Presentation |