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APHR Interventional EP Curriculum 2020

SVT 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.

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|------------------------|---|
| AUDIENCE | Physician who is starting EP career and wants to learn how to perform SVT ablation. |
| WHEN | Aug-Sep, 2020 |
| WHERE | Online |
| 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">• Cardiac anatomy and conduction• Arrhythmia mechanisms• Electrogram recognition• EP testing protocols• Basic arrhythmias and treatment methods• Cardiac imaging modalities• Biophysics of ablation• Mapping and ablation with new tools and new techniques• Able to start SVT ablation• Understand and manage SVT ablation complications |
| TOPICS | <p>Enhancing learning by integrating theory and hands-on practice:</p> <ul style="list-style-type: none">• Anatomy• EP study• AVNRT, AVRT• Typical AFL and Focal AT mapping• Complication Management• Case in A Box |
| MODULE DIRECTOR | <p>Prof. Chi Keong CHING Senior Consultant Director of Electrophysiology and Pacing Department of Cardiology National Heart Centre, Singapore</p> |



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Course Agenda

| Item | Agenda | Speaker | Mins | Format |
|------------------|--|--|------|---|
| Opening | Welcome & Introduction | Dr. Chi Keong Ching | 5 | Video |
| Session 1 | Reassessing the Basics | | | |
| Lesson 1 | Anatomy in AVNRT and AVRT | Dr. Chi Keong Ching Dr. Asirvatham Samuel | 60 | Webinar 15 Aug (Saturday) 2020, 10AM (Singapore Time) |
| Lesson 2 | Performing EP Studies | Dr. Daniel Chong | 60 | Video Presentation |
| Lesson 3 | Biophysics of Ablation | Dr. Eric Lim | 30 | Video Presentation |
| Session 2 | AVRT and AVNRT | | | |
| Lesson 4 | Electrophysiology and Ablation of AVNRT | Dr. Paul Lim | 45 | Video Presentation Part 1 / Part 2 / Part 3 |
| Lesson 5 | Case in a Box 1 – AVNRT | Dr. Paul Lim | 15 | Video Presentation |
| Lesson 6 | Electrophysiology and Ablation of AVRT | Dr. Chi Keong Ching | 30 | Video Presentation |
| Lesson 7 | Case in A Box 2 – AVRT | Dr. Paul Lim | 15 | Video Presentation |
| Session 3 | Focal AT and Typical Flutter | | | |
| Lesson 8 | Anatomy in Focal AT and Typical AFL | Dr. Chi Keong Ching Dr. Asirvatham Samuel | 60 | Webinar 5 Sep (Saturday) 2020, 10AM (Singapore Time) |
| Lesson 9 | Electrophysiology and Ablation of Focal AT and Typical Flutter AVNRT | Dr. Yenn Jiang Lin | 45 | Video Presentation |
| Lesson 10 | Case in a Box 3 - Focal AT | Dr. Paul Lim | 15 | Video Presentation |
| Lesson 11 | Case in a Box 4 - Typical Flutter | Dr. Kelvin Chua | 45 | Video Presentation |
| Session 4 | SVT Management: Complication, Radiation and Complex EGMs | | | |
| Lesson 12 | Managing Complication in SVT | Dr. Boon Yew Tan | 30 | Video Presentation |
| Lesson 13 | Fluoro-reduction in EP Ablation | Dr. Chi Keong Ching | 30 | Video Presentation |
| Lesson 14 | Case in a Box 5 – Difficult EGMs and SVT Ablations | Dr. Chi Keong Ching Dr. Paul Lim Dr. Ming Long Chen Dr. Stewart Healy | 90 | Webinar 26 Sep (Saturday) 2020, 10AM (Singapore Time) Webinar Recap |