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APHRS Device Therapy Curriculum Bradycardia and Basics of Pacing Virtual Reality Workshop



This program, sponsored by Abbott Medical is designed to offer a comprehensive approach to treat cardiac arrhythmias using cardiac implantable electronic devices (CIED), and enhance the competencies and skills of participants on device implants and follow-ups. It includes theory and hands-on practices using virtual reality and programming simulation, providing a platform for interactions with faculty of experts.

AUDIENCE Physician treating patients with bradycardia, requiring more hands-on experience through virtual reality and programming simulation

WHEN 1-2 April, 2023

WHERE Singapore

OBJECTIVES Upon completion of this module participants will learn:

- Concept of single and dual chamber pacemakers
- Special features and diagnostics in dual chamber pacemakers
- Tips and tricks of conventional and alternative site of pacemaker implantation
- Systematic follow-up of pacemakers
- Basic troubleshooting skill in pacemaker follow-up
- To perform pacemaker implant independently

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

- Pacemaker and lead technology
- Pacemaker implant tools and basic implant technique
- Implant complications
- Virtual reality implant simulation
- Pacemaker implant workshop
- Basic timing cycle and ECG interpretation
- Pacemaker follow-up hands-on
- Pacemaker troubleshooting simulator workshop

FACULTY



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Senior Consultant
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Dr. Harry Mond
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RSVP

Should you have any questions, please do not hesitate to contact Jeremy.yiu@abbott.com

Agenda

Day 1: Apr 1, 2023 (Saturday)

Time	Agenda	Speaker	Mins
0900	Welcome	Abbott	10
0910	Introduction & Objectives	Dr. Teo Wee Siong	5
0915	Basic Concept and New Guidelines Update for Bradycardia	Dr. Teo Wee Siong	30
0945	Preoperative Preparation and Basic Implant Technique	Dr. Ching Chi Keong	30
1015	Tricks to Minimize Pacemaker Implant Complications	Dr. Harry Mond	30
1045	Tea break		15
1100	Recent Advancements in Pacemaker Technology and Trends in Pacing Therapy		
	1. Conduction System Pacing	Dr. Ching Chi Keong	30
	2. Leadless Pacemaker	Dr. Teo Wee Siong	30
1200	Lunch		60
1300	Pacemaker Implant Workshop	Dr. Kelvin Wong with All Faculties	120
1500	Tea break		15
1515	Pacing Options in the Child and Adult Patient with Congenital Heart Disease: Tricks of the Trade	Dr. Harry Mond	30
1545	Tea break		15
1600	Understanding Underlying Timing Cycle of Pacemaker	Dr. Kelvin Wong	45

Day 2: Apr 2, 2023 (Sunday)

Time	Agenda	Speaker	Mins
0845	Rotation #1	Hands-on: Station 1-- Virtual Reality Simulator Workshop Station 2-- Pacemaker Follow Up and Feature	All Faculties & Abbott trainer
	Rotation #2		
1015	Tea Break		15
1030	ECG Interpretation of Normal Pacemaker	Dr. Harry Mond	45
1115	Pacemaker Troubleshooting Simulator Workshop	Dr. Ching Chi Keong & Dr. Kelvin Wong	105
1300	Closing Remarks and Evaluation	Dr. Teo Wee Siong	10