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APHRS Device Therapy Curriculum Sudden Cardiac Death and Basics of ICD

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 tachycardia, requiring more hands-on experience and programming simulation

WHEN 6-7 May, 2023

WHERE Intercontinental COEX, Seoul, South Korea

OBJECTIVES Upon completion of this module participants will learn:

- The latest tachycardia therapies
- Updated indications for ICDs
- Functioning of single chamber and dual chamber ICDs
- Systematic follow-up of ICD
- Basic troubleshooting skill in ICD follow-up
- To perform ICD implant independently

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

- Sudden cardiac death and guidelines for ICD implantation
- Implantation and defibrillation threshold testing and high DFTs
- Sensing and arrhythmia detection
- Arrhythmia therapy
- How to avoid unnecessary ICD shock?
- ICD follow-up hands-on
- Troubleshooting and diagnostics
- ICD troubleshooting simulator workshop

FACULTY



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Please contact Jeremy.yiu@abbott.com with any questions

Agenda

Day 1: May 6, 2023 (Saturday)

Time	Agenda	Speaker	Mins
0900	Welcome	Abbott	5
0905	Introduction & Objectives	Arisara	10
0915	Sudden Cardiac Death and Guidelines for ICD Implantation	JI Choi	30
0945	ICD Implantation Procedure	SJ Park	30
1015	Tea break (Group Photo)		15
1030	Sensing, Arrhythmia Detection and SVT Discrimination and ICD Detection programming	BY Joung	45
1115	Arrhythmia Therapy—Current Recommendations	SJ Park	30
1145	Defibrillation Threshold Testing and Hands-on Workshop	Erdie & Faculties	45
1230	Lunch		60
1330	Inherited arrhythmia syndromes –risk stratification and role of ICD	JI Choi	30
1400	Basic ICD Features and Programming	Abbott Trainer	60
1500	Tea break		15
1515	EGM Interpretation	Arisara	30
1545	Tea break		15
1600	ICD Troubleshooting Simulator Workshop	Erdie	75
1715	End of the day		
18:15	Group dinner		

Day 2: May 7, 2023 (Sunday)

Time	Agenda	Speaker	Mins
0900	ICD Case Studies – Group Discussion	All Faculties	120
1100	Tea Break		20
1120	Management of ICD Shocks and ICD Storm	BY Joung	30
1140	Wearable Cardioverter Defibrillator and Subcutaneous ICD	Arisara	20
1210	Closing Remarks, Evaluation, Adjourn and Lunch		