

REGISTRATION FORM

Fundamentals of Peri-operative Transesophageal Echocardiography (TEE)

HRDF
CLAIMABLE

Name: _____ (As per ID Card)

Hospital/Institution: _____

Address: _____

_____ Postal Code: _____

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Phone: _____ Email: _____

IC No: _____

Designation: _____ Date: _____

Dietary Needs/Preference: Vegetarian Non-vegetarian

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PAYMENT

Cheques/bank drafts/postal orders should be made payable to IJN COLLEGE SDN BHD

For telegraphic transfer (T.T), kindly make payment to

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DK135(W)
759371-V



INSTITUT JANTUNG NEGARA
National Heart Institute
245794-V

Introduction

Echocardiography is an integral part of clinical practice in various fields of medicine including cardiology, cardiac anesthesiology, cardiac surgery, and critical care medicine. Therefore the basic principles of ultrasound Knobology, cognitive skills and its clinical application is essential both during data acquisition and for correct interpretation of the ultrasound information. Then only the information obtained from echocardiography will have a significant impact in the initial diagnosis, clinical management and decision making for patients with a wide range of cardiovascular disease. As cardiac surgical procedures become increasingly complex, peri-operative echocardiography (TEE) when expertly utilized becomes pivotal in intra-operative clinical decision making. TEE offers the advantage of improved quality images compared with transthoracic images, particularly of posterior structure such as the pulmonary veins, left atrium and mitral valve structures.

Learning Outcomes

At the end of the session, the participant should be able to:

- Apply the correct interpretation of the ultrasound information.
- Have communication information obtained from echocardiography.
- Have a significant impact in the initial diagnosis, clinical management and decision making for patients with a wide range of cardiovascular disease during peri-operative period.

Target Group

Anesthesiologist • Cardiovascular Anesthesiologist • Cardiologist

Entry Qualification

Trainees in peri-operative echocardiography must be licensed physicians enrolled in, or having completed, an accredited residency (Governing body for local physicians and those from abroad (Indonesia, Thailand, Philippines, etc.).

Duration

PART 1	HOUR	REMARK
Theory	40	• Classroom Teaching (Theory) 1 Week
Clinical Placement (Practical)	42	
Clinical Placement (Practical)	42	• Log Book Requirement during Clinical Placement is 25 Cases
Final Assessment (Theory)	2	
Clinical Placement Assessment (Practical)	5	
TOTAL	131	• Minimum - 3 Weeks • Maximum - 27 Weeks

PART 2	HOUR	REMARK
Participant's at Local Institution		• Log Book Requirement during Local Institution is 150 Cases
Collection of Cases for Log Book	809	
Case Presentation	4	
TOTAL	813	• Minimum - 6 Months • Maximum - 18 Months

Course Contents

MODULES	TOPIC
The Platform for Fundamental Knowledge	Physics of Ultrasound Doppler Ultrasound. The Probe: Anatomy, Placement and Manipulation, Comprehensive Exam Review: What, Why and How
Echocardiography Imaging	Knobology, Artifacts of Ultrasound
Ventricles and Valves I	Let Ventricular Systolic Function, Easy Diastolic Function Assessment, Aortic Stenosis, Aortic Regurgitation, Aortic Atheromatous Disease, Aortic Aneurysm and Dissection
Echocardiography Practice	How to Start, Run and Maintain a TEE Service
Ventricles and Valves II	Mitral Regurgitation, Mitral Stenosis, Right Ventricular Function, Tricuspid Valve and Pulmonic Valve, Prosthetic Valves: The Essentials, TEE versus the PA Catheter: Hemodynamic Assessment
Three Dimensional Echocardiography: An Introduction	3D Echocardiography of the MV

Venue

IJN College and IJN Sdn Bhd

Enquiries

Fundamentals of Peri-operative Transesophageal Echocardiography
IJN College
145 Jalan Tun Razak
50400 Kuala Lumpur

Contact Person: Dr. Suhaini Kadiman / Norashikin / Sakinah
Phone: +603 26178522 / +603 2600 6259 / 6251
Email: suhaini@ijn.com.my / nora_hliya95@ijn.com.my / sakinahawang@ijn.com.my
Fax: +603 2600 6226
Website: www.ijncollege.edu.my