

## REGISTRATION FORM

# Fundamentals of Peri-operative Transesophageal Echocardiography (TEE)

HRDF  
CLAIMABLE

Name: \_\_\_\_\_ (As per ID Card)

Hospital/Institution: \_\_\_\_\_

Address: \_\_\_\_\_

\_\_\_\_\_ Postal Code: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Country: \_\_\_\_\_

Phone: \_\_\_\_\_ Email: \_\_\_\_\_

IC No: \_\_\_\_\_

Designation: \_\_\_\_\_ Date: \_\_\_\_\_

Dietary Needs/Preference:  Vegetarian  Non-vegetarian

If sponsored by company, kindly fill-up the following details:

Name of Company: \_\_\_\_\_

Contact Person: \_\_\_\_\_

Phone: \_\_\_\_\_ Email: \_\_\_\_\_

## PAYMENT

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

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

Swift Code: MBBEMYKLA  
Account Holder: IJN COLLEGE SDN BHD  
Address: MALAYAN BANKING BERHAD,  
JALAN RAJA MUDA BRANCH,  
50300 KUALA LUMPUR  
Account No: 5640 9820 4432

Please fax a copy of the cheque/TT/bank draft/postal order  
with a copy of the registration slip to +603 2600 6226



  
IJN COLLEGE

  
INSTITUT JANTUNG NEGARA  
National Heart Institute

## 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	
<b>TOTAL</b>	<b>2</b>	• Minimum - 3 Weeks • Maximum - 27 Weeks

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

## Course Contents

TOPIC	DESCRIPTION
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 I	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