REGISTRATION FORM

Name: ________________________________ (As per ID Card)
Hospital/Institution: ________________________________
Address: ____________________________________________
Postal Code: ________________________________
City: __________________ State: __________________ Country: __________________
Phone: __________________ Email: __________________
IC No: __________________
Designation: __________________ Date: __________________

Dietary Needs/Preference:  O Vegetarian  O 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: MBBEMVLA
Account Holder: IJN COLLEGE SDN BHD
Address: MALAVAN BANKING BERHAD,
JALAN RAJA MUDA BRANCH,
50300 KUALA LUMPUR
Account No: 5640 9820 4432

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

<table>
<thead>
<tr>
<th>PART 1</th>
<th>HOUR</th>
<th>REMARK</th>
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</thead>
<tbody>
<tr>
<td>Theory</td>
<td>40</td>
<td>Classroom Teaching (Theory) 1 Week</td>
</tr>
<tr>
<td>Clinical Placement (Practical)</td>
<td>42</td>
<td>Log Book Requirement during Clinical Placement is 25 Cases</td>
</tr>
<tr>
<td>Clinical Placement (Practical)</td>
<td>42</td>
<td>Maximum - 27 Weeks</td>
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<tr>
<td>Final Assessment (Theory)</td>
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<td>Minimum - 3 Weeks</td>
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<tr>
<td>Clinical Placement Assessment (Practical)</td>
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<tr>
<td>TOTAL</td>
<td>5</td>
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Course Contents

<table>
<thead>
<tr>
<th>TOPIC</th>
<th>DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>Echocardiography Imaging I</td>
<td>Knobology, Artifacts of Ultrasound</td>
</tr>
<tr>
<td>Ventricles and Valves I</td>
<td>Let Ventricular Systolic Function, Easy Diastolic Function Assessment, Aortic Stenosis, Aortic Regurgitation, Aortic Atheromatous Disease, Aortic Aneurysm and Dissection</td>
</tr>
<tr>
<td>Echocardiography Practice</td>
<td>How to Start, Run and Maintain a TEE Service</td>
</tr>
<tr>
<td>Ventricles and Valves II</td>
<td>Mitral Regurgitation, Mitral Stenosis, Right Ventricular Function, Tricuspid Valve and Pulmonic Valve, Prosthetic Valves: The Essentials, TEE versus the PA Catheter: Hemodynamic Assessment</td>
</tr>
<tr>
<td>Three Dimensional Echocardiography: An Introduction</td>
<td>3D Echocardiography of the MV</td>
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</tbody>
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Venue
IJon College and IJN Sdn Bhd

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

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