

## TRANSTHORACIC AND TRANSESOPHAGEAL ECHOCARDIOGRAPHY WORKSHOP

### Overview

This workshop will provide a comprehensive review of Transthoracic (TTE) and Transesophageal Echocardiography (TEE) for doctors with interest in echocardiography and wish to gain additional practical experience in these specific areas. A series of lectures on selected topics will be presented in the morning while the practical session in the afternoon includes hands-on training on live patients and TEE simulator, case studies and images discussion on dedicated workstations.

### Learning Objectives

1. Understand the principles of echocardiography
2. Describe the standard views of TTE and TEE.
3. Discuss the role of echocardiography to evaluate valves pathology.
4. Describe the utility of 2D echocardiography and Doppler method in assessment of cardiac function and hemodynamic.

### Program

Time	Agenda
8.00am – 8.30am	Registration
8.30am – 9.00am	General Principles of Echocardiography <b>Dr Hasmizy Muhammad (Malaysia)</b>
9.00am – 9.30am	Transthoracic Echocardiography Examination <b>Dr Hasmizy Muhammad (Malaysia)</b>
9.30am – 10.00am	Transesophageal Echocardiography Examination <b>Associate Professor Dr Jong-Hwan Lee (South Korea)</b>
10.00am – 10.30am	Right and Left Ventricle Size and Function <b>Associated Professor Jong-Hwan Lee (South Korea)</b>
10.30am – 11.00am	Break
11.00am – 11.30am	Mitral and Aortic Valves <b>Professor Dr Kim Tae-Yop (South Korea)</b>
11.30am – 12.00pm	Tricuspid and Pulmonary Valves <b>Dr Zuraini Md Nor (Malaysia)</b>
12.00pm – 12.30pm	Hemodynamic Echocardiography Assessment <b>Dr Zuraini Md Nor (Malaysia)</b>
12.30pm – 1.00pm	Cardiac Masses, Pericardial and Pleural Effusion <b>Dr Haslan Ghazali (Malaysia)</b>
1.00pm – 2.00pm	Lunch
2.00pm – 5.00pm	Practical Session Station 1: TTE Examination ( <b>Dr Hasmizy</b> ) Station 2: TEE Examination ( <b>AProf Jong-Hwan Lee</b> ) Station 3: Hemodynamic Echocardiography Assessment ( <b>Dr Zuraini</b> ) Station 4: Aortic Valves ( <b>Prof Kim Tae-Yop</b> ) Station 5: Mitral Valve ( <b>Dr Hanafi</b> ) Station 6: Tricuspid and Pulmonary Valves ( <b>Dr Haslan</b> )