



Bahrain Medical Society  
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Manama, Kingdom of Bahrain



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Al Khalifa Avenue,  
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GE Healthcare India  
B-9, ITPL Main Rd, Brigade Metropolis,  
Garudachar Palya, Mahadevapura,  
Bengaluru, Karnataka 560048, India



Healthminds Consulting Pvt Ltd  
Jubilee Building,  
2nd Floor, Unit D,  
No. 45, Museum Road,  
Bengaluru, Karnataka 560048, India



# ECHO

## Advanced Course



Accredited by



2 days Hands-on  
GE certified workshop  
Blended Learning:  
Online Classes & Workshop

# ECHOCARDIOGRAPHY

## ADVANCED COURSE

This advanced course focuses on understanding the principle concepts of Echocardiography. The course comprises of ten modules structured for General Physicians, Cardiologists, Fellows in MD And Ultrasound Assistants. The course is delivered in a blended learning format which is a fusion of online learning and hands-on sessions, conducted by accomplished cardiologists and veteran faculty from world renowned academic institutions and health-care facilities.

The course consists of 10 different modules, which are designed to impart advanced knowledge of various echocardiography techniques including 3D/4D Echo and improve assessment skills for cardiac diseases such as cardiomyopathies, MR, Mitral Stenosis, Valve diseases, and Pericardial diseases.

After completion of the course, participants can take up self-assessment at their convenience. As this course is accredited by NHRA, the participants will be awarded with CME credit points on successful completion of the course.

### Learning Objectives

1. Reflect on stress echo, systolic and diastolic dysfunctions, TDI, and TVI
2. Understand LV strain and Strain Rate Imaging
3. Learn details of right heart assessment, cardiomyopathies, MR, Mitral Stenosis, Valve diseases, and Pericardium assessment
4. Understand the concepts and techniques of 3D/4D Echo right from scanning to acquisition
5. Improve understanding of multidimensional imaging Bi-plane and Tri plane

### Key features

1. Content delivered by expert senior faculty from world renowned academic and clinical institutions
2. Blend of online coaching with hands-on experience
3. Repeated practice sessions on cutting edge GE Simulators
4. Convenient 24/7 access to online lectures
5. User friendly learning platform available on all mobile devices
6. Online assessments can be taken on students convenience

### Course Outline

1. Cardiac mechanics and Tissue Doppler Imaging
2. Speckle Echo / 2D Strain
3. Systolic function & 2D Strain
4. Diastolic function
5. Valvular disease & 2D strain
6. Cardiomyopathies & 2D strain
7. Contrast echo and Stress Echo
8. 4D echocardiography
9. TEE(Transesophageal Echocardiography)
10. TEE, Carotid imaging and Hands on

**BLENDED  
LEARNING  
WORKSHOP**



## FACULTY

**Dr. Fahad Al Sindi, MD**  
Tufts School of Medicine  
Cardiologist, Bangor, ME  
American board certified in Echocardiography

### Speciality Area

Cardiology

### Instructional Method

Online learning with hands on sessions

### Type of Activity

Blended Learning

### Duration

Workshop - 2 days (14 hours)

### Target audience

General Physicians, Cardiologists,  
Fellows in MD, Ultrasound Assistants

### Prerequisites

Completion of Basic Echocardiography course

### Venue

Bahrain Medical Society, Kingdom of Bahrain

## COURSE FEE

**BMS Members**

**BD 115**

**Non-BMS Members**

**BD 150**

**Nurses/Students/  
Training Doctors**

**BD 80**