

MIDDLE EAST HEART CONGRESS

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Cleveland Clinic, UAE

Fundamentals of echo (echo workshop)

Cardiac echocardiography is becoming an essential diagnostic tool for a variety of cardiac pathology. Acquiring the necessary knowledge will help non cardiac and the cardiac specialist to understand the echocardiography images and reports and in return will improve the care of the patients. The aim of these of publication is to address the basic knowledge of cardiac echocardiography and the recent advances of its applications.

The work shop will discuss:

1. Historical background of echocardiography
2. Ultrasound production and detection
3. The Piezoelectric effect
4. Modes of image display
5. How the ultrasound image is created
6. Echocardiography topographic views
7. From 2D imaging to real-time 3D imaging

Biography

Walid Mohamed Sabry Mohamed Khalil Eltahlawy is a Cardiologist in the Heart and Vascular Institute at Cleveland Clinic, Abu Dhabi. He has also served as Cardiology Specialist for more than 5 years in Cardiology Department, Dubai Hospital in Dubai Health Authority, Dubai. He has ESCVI accreditation in Trans Thoracic Echo (TTE) in 2012 and re-accreditation 2018. In addition he has ESCVI accreditation in trans-esophageal echo 2018 and also has Acute Cardiac Care Accreditation (ACCA), 2018. He is an Echo Course Director at Dubai Health Authority, Dubai, UAE and Egyptian General Medical Syndicate, Cairo, Egypt.

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