

Medical Training Consultancy and TOMTEC

Presents Stress Echo Interpretation Course (SEIC)- Middle East 2021

COURSE OVERVIEW

This 5 day theory and web based reporting course of at least 80 cases will provide an insight in developing skills in reporting stress echo primarily for ischaemia and viability detection but also including non-ischaemia stress testing in valvular heart disease. The lectures will provide the theoretical and practical tutorials and web-based online image analysis will be delivered over the 5 days course, covering 80-100 stress echo cases followed by an end of course reporting exam. Upon completion of the course you will be provided with the electronic logbook and a certificate of attendance. This course is for professionals interested in stress echocardiography to upgrade their knowledge and improve interpretation skills or for those who are simply interested in learning about stress echo techniques.

FULL REGISTRATION:

Course material and web reporting access to cases and exam; early bird: €880 until Jan 31 2021, Late registration €1100.

OVERFLOW REGISTRANTS, OR THOSE OUT OF THE CATCHMENT RADIUS:

Course material with observing joint web reporting and end of course exam note: there will be no access to report cases; early bird: €660 until 31 January 2021, Late registration €770. Course accreditation endorsed by the British Society of Echocardiography (BSE), awarding 15 BSE points.

BEFORE YOU BOOK:

Only participants within 3200km radius of Dubai should register for the full course (due to location of the host server). Those outside this radius will be able to register for the course (access to lectures, and joint reporting sessions and to sit the exam) but won't be able to access to the web-based reporting platform and cases for independent reporting. Please check your location relative to Dubai before registering. The registration fees for those who are outside

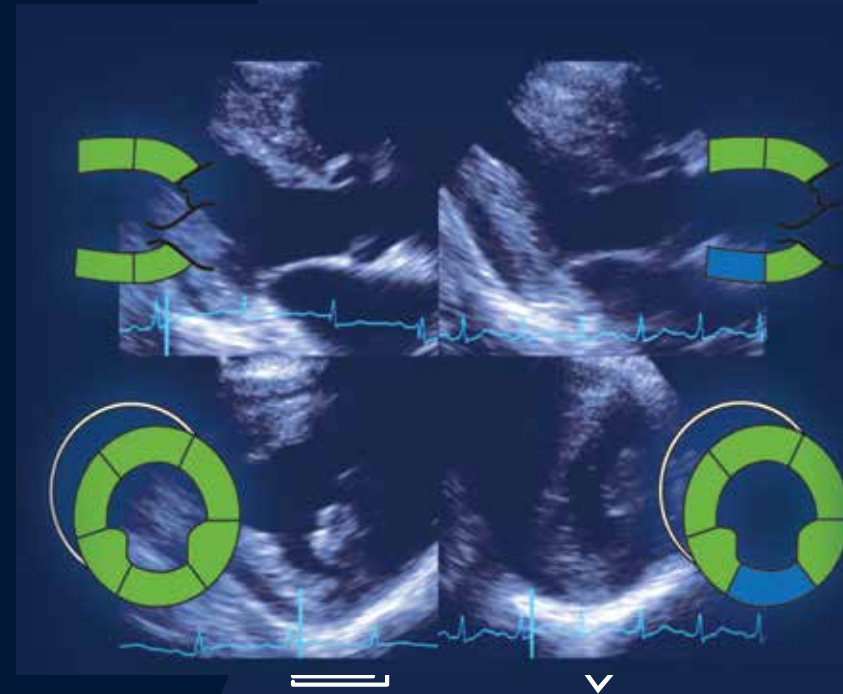
SEIC 2021 Middle East
5-DAYS Interpretation ONLINE
Course

23-27 Feb 2021



Registration via TOMTEC ACADEMY website. Registration will only be confirmed once full payment was received.

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INFORMATION

Pre-course preparation:
Prior the course all registered participants will receive the course material as a pdf attachment and a link to a YouTube video of prerecorded stress echo webinar and introductory video on the webbased reporting workflow using TOMTEC ZERO platform. In addition, a YouTube video of the BSE stress echo exam will be provided.

FOR REGISTRATION YOU WOULD NEED:

Check essential requirements (as above)
E-mail address Confirmed Registration payment

ESSENTIAL REQUIREMENTS FOR PARTICIPANTS

PC (Windows Operating System 10), Browser: Microsoft Edge vs 15 or later, Google Chrome vs 58 or later. Internet download speed (cable or WiFi): 50-100 Mbit. Monitor/ screen resolution: minimum 1280x1024 (preferably: 1920x1080). Browser window must be opened in maximised mode. 3 button mouse with wheel should be available for manipulation.

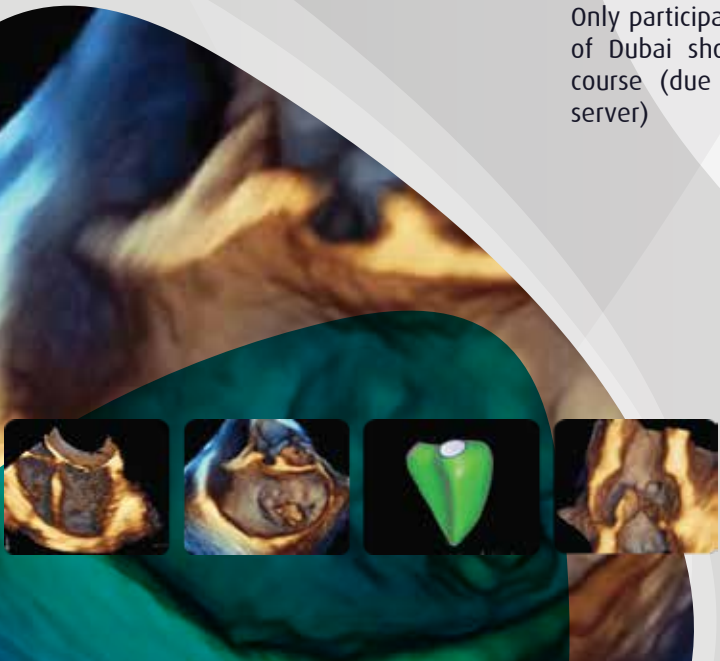
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COURSE SYLLABUS

- 1 Stress echo lab: (equipment) (treadmill, Bicycle, pharmacological agents) (Dobutamine, vasodilators)
- 2 Physiology of stress test (using exercise and pharmacological agents)
- 3 Echocardiograph & acquisition; quad-views, stress echo stages: rest-low dose-peakrecovery. Pre-stress test minimal echo dataset, echo acquisition during SE: 2D LV (apical 4CV, 3CV, 2CV, PSLAX, PSSAX) 3D LV, CE 2D and 3D. Peak triggered low MI perfusion images, Data analysis: RWMA at rest and during stress test
- 4 Safety of stress echocardiography
- 5 Safety equipment
- 6 Contrast agents and its safety
- 7 Contrast echocardiograph setup, administration of different contrast agents, echo parameters. Ischaemia detection
- 8 Viability assessment
- 9 Risk assessment prior high risk surgery
- 10 SE in Valvular heart disease
 - a) Aortic valve stenosis (moderate, severe asymptomatic, low flow low gradient severe AS with LVSD, low flow low gradient severe AS with preserved LVSF)
 - b) Mitral valve stenosis (mod-severe?)
 - c) Mitral valve regurgitation asymptomatic
- 11 Diastolic SE (to investigate the cause of breathlessness)
- 12 Dilated CMP
- 13 Hypertrophic cardiomyopathy
- 14 Pulmonary hypertension
- 15 Athletes heart
- 16 Accreditation in stress echocardiography (who should perform, minimum numbers etc)
- 17 Multimodality imaging in IHD and VHD
- 18 Others
- 19 ESC /EACVI and ASE guidelines
- 20 Ischaemia detection
- 21 Viability assessment
- 22 Risk assessment prior high risk surgery
- 23 SE in Valvular heart disease
 - a) Aortic valve stenosis (moderate, severe asymptomatic, low flow low gradient severe AS with LVSD, low flow low gradient severe AS with preserved LVSF)
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- 32 ESC /EACVI and ASE guidelines



COURSE DIRECTOR:

PROF. ATTILA KARDOS, MD PhD FRCP FESC
 - Consultant Cardiologist
 - Vice Chair Research
 - Clinical Lead for Multimodality Cardiovascular Imaging
 - Milton Keynes University Hospital
 - Professor of Cardiovascular Medicine, School of Medicine University of Buckingham
 - Hon Senior Lecturer Radcliffe Department of Medicine, Division of Cardiovascular Medicine, University of Oxford

CO-DIRECTOR:

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 - Heart & Stroke Foundaion Chair for Cardiovascular Research
 - ABACUS, Mazankowski Alberta Heart Institute, University of Alberta