



SHORT COURSE IN BASIC ECHOCARDIOGRAPHY

Introduction:

The East African Centre of Excellence in Cardiovascular Sciences (EACoECVS) in collaboration with Muhimbili National Hospital (MNH) – Mloganzila and Jakaya Kikwete Cardiac Institute (JKCI) is pleased to announce a *Short Course in Basic Echocardiography* to be held from 18th October – 12th November, 2021.

Aims and Content:

The main purpose of this course is to equip physicians, nurses, cardiovascular technicians, and related specialties with knowledge and skills to perform, interpret and report on a basic echocardiogram examination.

The course will include the following major topics:

- Principles of echocardiography
- Acquisition of echocardiograms
- Normal echocardiogram
- Assessment of ventricular systolic function
- Assessment of ventricular diastolic function
- Echocardiogram in commonly-encountered cardiac conditions
- Detailed hands-on practical echocardiography (placement at an echocardiography laboratory)

Scope:

The duration of the course will be **four weeks comprising of 20 working days**. Trainees will be exposed to a series of interactive lectures coupled with live demonstrations, real-case problem solving, and hands-on practice at a busy echocardiogram laboratory. Assessment will be done through group and individual assignments, concluding with individual end-of-course examination. The maximum number of participants per intake is 25.

Eligibility / Who should attend?

This course is suitable for health personnel that are working, or are planning to work in the area of general medicine and/or cardiology in their institutions, including but not limited to: Registrars (MD), General Physicians (MMED or equivalent), Nurses and Cardiovascular Technologists. The required minimum qualification is Bachelor (or equivalent) Degree in a health related field from a recognized institution.

Venue:

MNH-Mloganzila (for classroom and demonstration sessions), and JKCI/MNH-Mloganzila echocardiogram laboratories for hands-on practice.

Documents to be submitted:

Dully-filled application form, <https://forms.gle/GWwrXXYH5mvZr2LaA> one passport-size photo, curriculum vitae and a support/permission letter from the applicant's institution head, where applicable.

Course fee:

Participants will have to pay a total of TZS 960,000/- each, covering tuition, meals, venue and other course materials (travel and accommodation expenses are not covered). The fee for non-Tanzanians is USD \$500. Payment will be done through MUHAS Accounts, details to be provided upon selection to the course.

Award:

Successful trainees will be awarded certificates of attendance from the Directorate of Continuing Education and Professional Development (DCEPD) of MUHAS, with relevant CPD credit points.

Course leader:

Director of *Short Course in Basic Echocardiography*: Dr. Pilly Chillo (MD, MMED, PhD), Department of Internal Medicine - MUHAS.
Email: pchillo@muhas.ac.tz; +255 713 779781

Applications:

All applications should be addressed to the Course Administrator - Mr. Msemo Chama, *Short Course in Basic Echocardiography*, East African Centre of Excellence in Cardiovascular Sciences, P.O BOX 65001, MUHAS +255 713 000246; email: msemocm@yahoo.co.uk

