

University Clinics of Duesseldorf

The Tropical Medicine Unit is part of the Clinics for Gastroenterology, Hepatology and Infectious Diseases of the University. The Clinics comprise gastroenterological wards and a ward for infectious and tropical diseases. All facilities of ultrasonography, endoscopy and interventional ultrasonography and radiology are available in the Clinics. An outpatient unit for HIV-infected patients is part of the clinic.

The European Network: TropEd

TropEd is the training branch of TropNetEurop, association of Institutes and Schools of Tropical Medicine and International Health in Europe. This course has been accredited by the TropEd steering committee as optional module in the Masters Programme with the equivalent of 1.5 ECTS-Credit Points.

Other Course Locations

The course is designed especially for doctors and radiologic technicians from developing countries.

Institutions which are interested to accommodate the course in their location are encouraged to apply. A description of facilities available for the accommodation of the course is required.

Institutional applications

If you would like the course taking place at your Institution please contact Dr. Richter (see below)

Individual applications

Please complete and return the personal application form with your curriculum vitae to

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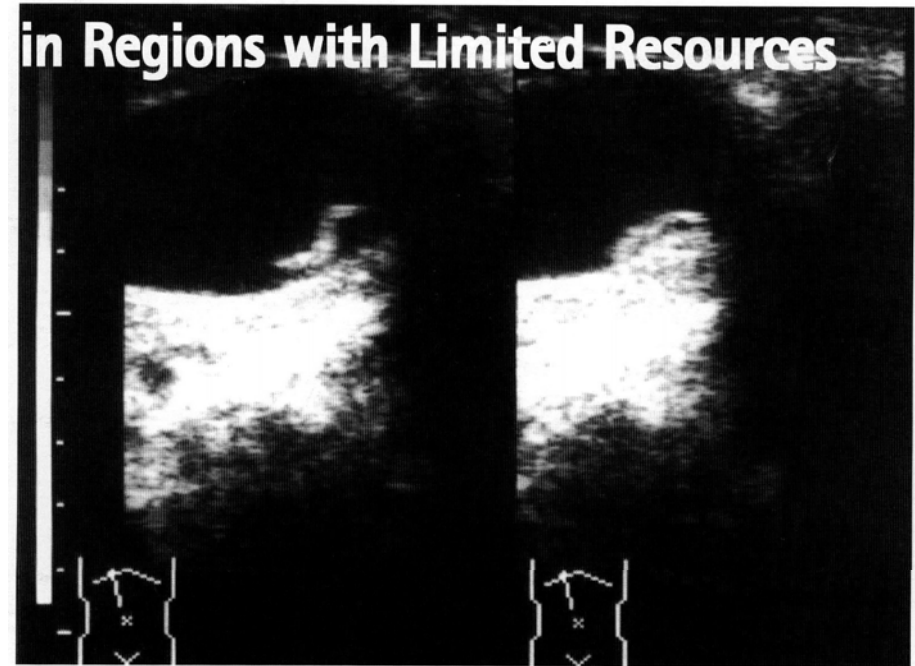


Tropical Diseases Unit Clinics for Gastroenterology, Hepatology and Infectious Diseases

Advanced Module Curative Track

Diagnostic Ultrasound

in Regions with Limited Resources



- Échographie dans les régions où les moyens sont limités
- Ultrasonografia em regiões com recursos limitados
- Ultrasonido en áreas de recursos limitados
- Sonographie in Regionen mit begrenzten Geldmitteln
- Ecografia in regioni dove le risorse sono limitate

Introduction

Ultrasonography has been recognised to be one of the most suitable diagnostic techniques for developing countries. Many of the examinations will be performed at the first or second referral level, where patients will not always be seen by radiologists or ultrasound specialists.

Course aims

to ensure practical competence in ultrasonographic diagnosis and assessment of conditions frequently and/or occurring only in tropical and developing countries.

to ensure competence in ultrasonographic differential diagnosis between morphological abnormalities caused by parasites and specific tropical diseases and other diseases.

to present the application of ultrasonography in the field and in the context of community based interventions in developing countries.

Who should attend

The course is designed for three main groups of participants:



Medical and technical staff who wish to learn ultrasonographic skills for its use in Clinical Tropical Medicine.

The training course is intended to complement the regular training courses in Ultrasound in Gynecology and Obstetrics, Surgery and Internal Medicine.



Medical staff involved in community health in developing countries who wish to learn about the indications, usefulness and limitations of ultrasonography in epidemiological surveys.

Teachers and researchers in Medical Parasitology and Tropical Medicine

Course design

This is an intensive training course including an introduction to the basics of ultrasound-technique, giving wide opportunity of practical training on portable ultrasound devices, interspersed with lectures and presentation of normal and pathological sonographic findings by means of slides, videos and computer demonstration.

The participant is trained in the recognition of the most frequent gynecological and obstetric findings encountered in patients attending hospitals or dispensaries in tropical regions.

The particular pathological findings caused by parasitic diseases, as well as by other

diseases occurring more frequently in developing countries are covered. Typical problems of differential diagnosis are addressed.

Simple echocardiographic methods to detect cardiopathies with emphasis on the sub-sternal real-time approach. Tropical disease conditions causing specific echocardiographic abnormalities and problems of differential diagnosis of other cardiopathies with or without the availability of other cardiological diagnostic means are included.

The course deals with particular diagnostic problems concerning the application of ultrasonography in the field and in the context of community based interventions in developing countries.

The course comprises a final evaluation.

Course Languages

The course at the Institute of Tropical Medicine Berlin is held in English. Courses in other locations may be held in English, French, Portuguese, Spanish, German or Italian.

Course Details

The course in Ultrasound in Regions with limited resources was initially developed for African postgraduates trained in Germany on

behalf of the German Foundation of International Development (Deutsche Stiftung für Internationale Entwicklung).

The course is held by Dr. Joachim Richter, who has wide experience in the field gained in Africa, Asia and Latin America. He is adviser of the World Health Organisation on the international standardization of ultrasound methodology in schistosomiasis.

To warrant adequate practical training one ultrasound device is available for each three course participants.

Course Duration

Five days

Course Fee

The course fee is Euro 300.00 and has to be paid in advance. This sum includes the registration fee (Euro 50.00) which is due at the moment of registration. The registration fee cannot be reimbursed.

Accommodation is not included.

