



## **The Cairo Training Center (CTC)**

**World Gastroenterology Organization (WGO) Training Center**

**In cooperation with**

**The International School of Clinical Ultrasonography (ISCUS)**

### **Course Directors:**

**Lucas Greiner, MD**

Director of ISCUS, Professor of Internal Medicine and Gastroenterology.

**Ibrahim Mostafa, MD**

Director of CTC , Prof. of Gastroenterology and Hepatology ,  
Theodor Bilharz Research Institute.

**Ahmed Sadek , MD**

Prof. of Gastroenterology and Hepatology ,  
Theodor Bilharz Research Institute.

**Date:** 21.-23.3.2010

**Venue:** Theodor Bilharz Research Institute, Cairo/Egypt

### **COURSE PROGRAM**

**Sunday, March 21st**

**6.00 -8.00 pm**

Welcome; background of trainees and teachers; course aims

I.Mostafa,  
L.Greiner,  
A.Sadek

HCC disease: epidemiology, pathogenesis and natural course

L.Greiner

Physics of ultrasound

Z.Salama

Ethics in HCC diagnosis and treatment

L.Greiner

**Monday, March 22nd**

**10.00am -1.00pm**

Ultrasound real time sectional liver imaging  
Ultrasound in liver cirrhosis  
Live demo: Examination of liver and liver hilum  
HANDS ON SESSION

L.Greiner  
A.Sadek  
L.Greiner  
L.Greiner,  
A.Sadek,  
Z.Salama

**1.00-2.00pm**

Lunch break with case demos and discussion

**2.00-4.00pm**

Focal liver lesions - differential diagnosis  
Special features in HCC ultrasonography and in CT  
HANDS ON SESSION with patients

L.Greiner  
A. ElDorry  
L.Greiner,  
A.Sadek,  
A. ElDorry  
L.Greiner,  
A.Sadek  
I. Mostafa

Case reports, testing the trainees

Concluding day one

**Tuesday, March 23rd**

**10.00am -1.00pm**

Ultrasound guided fine needle puncture – theory and demo  
Interventional techniques in HCC (PEI)

HANDS ON SESSION

L.Greiner  
N. Elkady  
L.Greiner,  
A.Sadek,  
N. Elkady

**1.00-2.00pm**

Lunch break with case demos and discussion.

**2.00-4.00pm**

Interventional techniques in HCC

S. Abdel Wahab

Contrast enhanced ultrasonography in focal liver lesions

HANDS ON SESSION

L.Greiner  
L.Greiner,  
A.Sadek,  
S. Abdel Wahab  
I. Mostafa

Conclusion remarks, and WGO-Certificates