

## *Clinical Chemistry Department*

### **1- Theoretical Training on Quality and Competence of the Medical Laboratory:**

Course includes hands on training on quality controls results interpretation and common problems.

**Duration:** 5 days

**Fees:** 500EGP for Egyptians/50 US \$for non- Egyptians.

### **2- Practical Course for Training on the Following Instruments:**

- Chemiluminescence for performance of hormones, drugs, tumor markers....

-Training on three Auto-analysers for performance of different blood analytes: Beckman coulter CX5PRO, ILAB Aries and Beckman coulter AU 480.

-Potentiometric analysis of blood gases on ABG Gem Premiere 3000 instrument and on ionselective electrode on I Lyte for sodium and potassium estimation.

-Two Spectrophotometers : ERMA INC and Robert Ridele 5010

-ELISA three plate-readers (Two stat fax2100 and chromate) and washer

-Training on manual performance of the different blood analytes and manual ELISA performance.

**Duration:** 5 days

**Fees:**750 EGP for Egyptians/ 100 US \$for non- Egyptians.