
THE IRAQI CLINICAL LABORATORIES DESERVE TO BE DEVELOPED

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Dear sirs:

It is quite clear that the Iraq clinical laboratories are of low standard comparing (at least) to the laboratories in the neighborhoods countries. according to: 1-this fact, 2- the patient's need, and 3- the requests made by the consultants for the past twenty five years or more, it is of vital importance to develop Iraq clinical laboratories by introducing all the required new tests in any particular branch of the clinical laboratories (i.e. clinical chemistry, microbiology, serology, hematology, blood bank, and histopathology).

The clinical laboratories in any hospital, local clinic, public, health departments and primary care units are essential and there is no need to be discussed or even argued, since without clinical laboratory results, there is no doctor capable of proceeding the medical treatment required for any particular patient. For instance, the surgeons can not perform any sort of surgery without alphabetical clinical tests (i.e. GUE, Hb, RBS, BU,etc) and in certain occasions they need such tests to be done more than one time to improve patient's medical care (pre and post operative), physicians need laboratory tests much more than the surgeons to diagnose the cases more precisely and accurately in order to prescribe the required treatments and medications. The same need, but some time to lower extent, is necessary for the other branch of medical care (pediatric, Gynecology, act).

What I have mentioned above is concerning the ordinary testes in the clinical laboratories the new advanced or sophisticated clinical tests in Iraq are almost absent and the only thing we have got are words and not deeds. For instance, any automatic clinical laboratory tests in any section of the laboratories is not available except in few occasions which are not remarkable. In clinical chemistry laboratory, we need to a real automatic clinical chemistry system (supported with annuls maintenance contract) efficient to perform all the required tests in clinical chemistry (RBS, BU, S.Creatinine, act) within minutes using very small amount of serum. A similar machine is also important in hematology to do all the requires tests for the patients. a fully automatic instrument is quite necessary for the emergency room laboratory and the blood bank to eliminate the old fashion procedures.

One of the clinical laboratory test which is never has been performed in our hospital is enzyme electrophoresis and the only electrophoresis test we have got is the old fashion one use to be used for Hb- and proteins, with poor accuracy and precision. this is just an example of what we need, other machines and instruments are also required to develop our clinical laboratories. Training of the staff coming before the machines and instruments.