

KHALED HOMOUD MANSOUR DABWAN

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EDUCATION

1998 - 2003

King Saud University, Riyadh, KSA.

College of Applied Medical Sciences

Obtained Bachelor of Science Degree in Clinical Laboratory Sciences.

PRACTICAL EXPERIENCE

2003 - 2004

One year internship at the Riyadh Armed Forces Hospital, Riyadh, KSA.

Histopathology

- Routine histopathology – including tissue processing, embedding, trimming and cutting of blocks.
- Electron Microscopy – covering appropriate tissue processing and mounting.
- Special stains – including routine H&E stains and immunohistochemical staining.
- Cytogenetics, Neuropathology, Cytology.

Clinical Biochemistry

- Routine Biochemistry.
- Stat Biochemistry.
- Endocrinology.
- Paediatric Biochemistry.
- Protein Studies – including electrophoresis.
- Toxicology, Therapeutic Drug Monitoring (TDM), Urinalysis.

Microbiology

- Routine microbiology – including spreading plates and performing appropriate biochemical tests to aid in organism identification.
- Serology.
- T.B. culture & sensitivity.
- Urine culture.
- Semen analysis – including counts & morphology.
- Virology.
- Parasitology – including recovery techniques and identification of both ova, cysts and adult parasites.
- Mycology.

Haematology

- Familiar with several versions of Haematology analyzers, primarily Beckman Coulter STKS and Gen-S.
- Covered all aspects of routine haematology - including slide preparation, sickle screening, G6PD screening, setting up and reading ESR's.
- Hemoglobin electrophoresis and other special techniques – including cytochemical staining for leukemic cells and other esoteric testing such as LAP scores, sucrose lysis etc.
- Microscopy – became adept at identifying normal and abnormal WBC's and correctly identifying RBC abnormalities. Covered the primary leukemias, both their

- identification microscopically and clinically.
- Developed skill in correlating haematological findings with other clinical data to further understand the clinical status and diagnosis of the patient.

September, 2004 – February, 2006

Al Amal Complex Hospital, Riyadh

- Responsible for all of the primary areas of the laboratory including:
 - Haematology, working on the Cell-Dyn 3700 by Abbott. Processing all CBC specimens, evaluating the results and initiating further testing such as peripheral blood films. Also responsible for processing all coagulation tests on the BFT-II by Dade-Behring. Responsibilities also included doing blood group and screens as required.
 - Biochemistry, a full range of biochemical testing performed on the Dimension Xpand by Dade-Behring.
 - Toxicology, responsible for accurately assaying patient specimens for various drugs of abuse, working on the Axsym system by Abbott.
 - TDM, assays for therapeutic drugs (such as valporic acid, carbamazepine etc) performed on a TDX analyzer.
 - Microbiology, analysis and culture of primarily urine and stool specimens, sensitivities performed as required.
 - Hormone analysis, primarily thyroid function tests and fertility testing working on Elecsys 1010 by Roche.
 - Virology & Serology testing, encompassed all of the primary viral and serological tests necessary to diagnose and monitor diseases such as HCV, TPHA, etc.

February, 2006 – November, 2008

Security Forces Hospital Program, Riyadh

- Toxicology, responsible for accurately assaying patient specimens for various drugs of abuse, working on the V-Twin system by Dade-Behring, doing maintenance (daily-weekly-monthly) , fixing the problem.
Confirmation area: Doing the confirmation test for all the presumptive positive samples using GC/MS (Gas Chromatography/Mass Spectrometry), extraction the sample, preparing reagents and standards.

November, 2008 – Present

King Saud University, Riyadh

- Teaching assistant at College of Applied Medical Sciences in Clinical Laboratory Sciences Department.

Adept at working all shifts, comfortable working both independently and as a team player. Fully capable of performing and evaluating the results of patient tests and relaying the information to the attending physician. Responsible for initiation of lectures and continuing education of the other staff members. Extensive experience working in a fully computerized laboratory environment. Numerous years of experience working with personal computers, fully versed in the Windows operating system, including Word, PowerPoint, etc.