

Dr. Marwa Abbas Elamin Elfadil

Mobile No: 00249912304134

Email: marwaelfadil88@gmail.com

Current address: Khartoum- Elriyadh- Mashtal street-
Block no. 13. House no 14

Personal summary

Enthusiastic, highly adaptable microbiologist known for the ability to carry out complex tests, review data and develop detailed reports to advise whether the results are valid against relevant testing protocols.

Have good experience in microscopic examination of microorganisms at both cellular and molecular levels. Particularly adept with the diagnosis and treatment of common medical disorders and interpretation of findings of clinical specimens. Able to work in a team, reliable, hard worker and consistently delivering a good quality of care to my patients.

Possess excellent presentation and communication skills gained from my teaching experience in University Of Khartoum. Strong academic qualifications including a bachelor of Medicine & Surgery from University Of Khartoum in 2011, Medical Doctorate in Clinical Pathology subspecialty microbiology obtained from University Of Khartoum 2021 combined with passion for research, data manipulation and analytical thinking and have a diploma in research methodology.

Core competencies

- 1- Knowledgeable on the basics of the main aspects of clinical microbiology with specialized factual knowledge of the natural history of infectious diseases.
- 2- Familiar with the analytical skills needed to interpret clinical tests and microscopic findings in order to provide a scientific basis for laboratory diagnosis and management.
- 3- Good presentation, communication and teaching skills.
- 4- Competent in performing cell cultures, biochemical testing and making reports.
- 5- Competent in extraction of genetic material and running PCR machine.
- 6- Able to undertake the management responsibilities required of the director of a clinical microbiology laboratory.
- 7- Able to collaborate with national surveillance organisations and public health authorities and provide services for these organisations.
- 8- Can participate in education and training programmes for medical microbiologists, undergraduate medical students and infection control doctors.
- 9- Can undertake research and development in the field of clinical microbiology and infectious diseases.

Registration status

Fully registered doctor in Sudan Medical Council under the registration number 37790.

Fully registered doctor in the General Medical Council (UK) under the registration number 7519162.

Work Experience

Aug 2011 – Sep 2012 Period of Internship in Sudan. I gained clinical experience in history taking, examination and communication with patients and colleges. I used to perform simple medical procedures on daily basis and hence became competent on them. I was also exposed to a wide variety of patients both in acute and chronic states. I learned to work under pressure and to deal with challenging cases with the help of my seniors.

April 2013 I started residency training programme in clinical pathology at University of Khartoum after passing a selection exam. On April 2014 I had to complete the first academic year of training and passed the final exam. Thereafter I worked as a second year resident through having introductory rotations on the four major divisions of clinical pathology. These were in 4 big hospitals in Khartoum. In Histopathology shift, I used to examine pathological slides under supervision to determine whether there is any abnormalities to cause concern. I also assisted in the grossing of specimens. During Haematology shift, I was analysing samples from blood draws for CBC, Coagulation profile and ESR along with result interpretation. I was also trained in preparation of peripheral blood films and their microscopic examination. Assisted in bone marrow aspiration +/- biopsy as well as reporting findings and informing treating physicians. In clinical chemistry, I was trained in running simple chemical tests manually and learned to issue the result after comparing sample findings patient's status. Lastly, in medical microbiology I used to prepare direct gram stains on clinical specimens followed by performing culture of specimens if necessary. I also assisted in doing immunological tests like counter immune electrophoresis.

May 2016 – June 2016 I did clinical attachment in A&E department in Barking, Havering & Redbridge University Hospitals. During this period my I was exposed to NHS system and I gained a good experience in dealing with acutely ill patients. Also I had to learn how to work in a team and what are my clinical limitations. My communication skills improved dramatically.

April 2017- Dec 2020 period of completion of my residency programme in clinical pathology. As a senior resident in microbiology, I gained competencies in isolation and identification of pathogens and performing diagnostic tests including tests related to serology, antibiotic susceptibility, and molecular tests such as PCR. In addition, laboratory management was an essential part of my training focusing in quality control, quality assurance, budgeting and leadership skills. During this period, I was able to take charge of infection control in hospitals, and propose hospital policies on the control of antibiotic usage and the prevention of hospital acquired infections. I was also responsible for giving an advice for clinicians on the diagnosis, treatment and prevention of microbial diseases.

Sep 2021 started a new job in University Of Khartoum, Department of microbiology till now.

Education

Bachelor's degree in Medicine and Surgery awarded by University of Khartoum, Faculty of Medicine. Started in 2004 and graduated in 2011.

Certificate of Internship awarded by the Federal Ministry of Health in Sudan (Aug 2011 – Sep 2012).

Medical doctorate in clinical pathology awarded by University of Khartoum, Faculty of medicine. (Apr 2013-Jun 2021)

