

Fatima Osman Manna

Medical Laboratory Specialist (SCFHS Licensed)

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PROFESSIONAL SUMMARY

SCFHS-Licensed Medical Laboratory Specialist with a Master's degree and 6+ years of clinical expertise across Histopathology, Cytology, IVF, and Blood Banking. Proven track record of delivering >98% diagnostic accuracy in high-volume settings while driving strict adherence to ISO standards, quality control (QC), and patient safety protocols.

CORE SKILLS & COMPETENCIES

Laboratory Technical Skills

- Clinical Chemistry & Hematology: Routine chemistry, electrolytes, hormones, CBC, bleeding profile & analyzer QC.
- Blood Bank & Transfusion: Grouping, cross-matching, antibody screening & transfusion safety.
- Parasitology & Body Fluids: Stool, urine, semen & body fluids analysis (WHO guidelines).
- Histopathology & IVF: Tissue processing, H&E staining, slide preparation, Microscopic Examination & IVF techniques (IUI, IVF, ICSI).

Laboratory Quality & Compliance

- ISO 15189, QMS, SOPs & Audit Readiness
- IQC, EQA, CAP Compliance & Error Reduction
- Laboratory Safety, Biosafety, Infection Control & TAT Optimization

Soft Skills

- Analytical Thinking Problem-Solving & Attention to Detail
- Strong Communication
- Teamwork & Professional Ethic
- Time Management
- Multitasking & Work Under Pressure

Technical & Digital Proficiency

- Laboratory Information Systems (LIS)
- Microsoft Office Suite (Excel – Word – PowerPoint)
- Data documentation, reporting and workflow optimization

WORK EXPERIENCE

Medical Laboratory Specialist, *Medical Polyclinic* May/ 2023 – Present | Al-Nuairiyah, KSA

- Performed 50–70 samples/day with $\geq 99\%$ accuracy, improving TAT by 25% through workflow optimization.
- Implemented IQC & IPC protocols, reducing pre-analytical and analytical errors by 30%.
- Ensured 100% compliance with laboratory safety, biosafety & SCFHS standards.

Medical Laboratory Specialist - IVF Unit, *Royal Care International Hospital* 2020 – 2021 | Khartoum, Sudan

- Conducted semen analysis, IUI, IVF & ICSI procedures for 15–25 cases/day with 98% procedural accuracy.
- Enhanced sample handling & aseptic workflow, reducing contamination rates by 40%.
- Maintained QC documentation & equipment calibration achieving 100% regulatory compliance.

Second Medical Laboratory Specialist,

2020 – 2021 | Omdurman, Sudan

Omdurman Military Hospital

- Processed 30–40 tissue & cytology samples/day with $\geq 99\%$ diagnostic accuracy.
- Optimized staining & microtomy workflows, reducing reprocessing errors by 35%.
- Maintained full SOP compliance & documentation, improving report reliability & turnaround time.

Second Medical Laboratory Specialist,

2016 – 2017 | Khartoum, Sudan

Ribat University Hospital

- Performed 25–35 cross-matching & transfusion samples/day with zero transfusion errors.
- Implemented QC & traceability systems, improving blood product safety by 40%.
- Ensured 100% compliance with blood bank regulations & biosafety standards

EDUCATION

Master Degree in Histopathology & Cytology,

2018 – 2019 | Khartoum, Sudan

National University

Bachelor of Honors in Histopathology & Cytology,

2012 – 2016 | Khartoum, Sudan

National University

LICENSES & REGISTRATION

Medical Laboratory Specialist,

Feb/ 2022 | Saudi Arabia

Saudi Commission for Health Specialties (SCFHS)

COURSES & TRAINING

NEBOSH – Occupational Health & Safety

OSHA – Occupational Safety & Health Administration

Basic Life Support (BLS / AED)

Infection Prevention & Control (COVID-19)

RT-PCR COVID-19 Testing

COVID-19 Swab Collection

Semen Analysis & IVF Techniques (IUI, IVF, ICSI)

Bioinformatics – Introduction (IBT)

LANGUAGES

Arabic

Native

English

Professional Working Proficiency