



Rawan Hamad AlMekosh
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Personal Particulars

Name: Rawan Hamad Al-Mekosh

Nationality: Syrian

Date of Birth: 18th October 1985

Marital Status: Married

Residency: Abu Dhabi, UAE

Languages: Arabic / English (Excellent Reading/ Writing/ Speaking)

LICENSURE EXAMINATION: Embryologist **(DOH).**

American Society for Clinical Pathology **(ASCP).**

Work experience:

August 2015-current working IVF technologist, AIAin Fertility Center

My experience in the clinics where I've worked during these years has allowed me to learn and practice all the techniques required in an IVF laboratory as:

- Semen Analysis (WHO 2010 guidelines).
- Preparation of fresh and cryopreserved sperm for IUI, IVF and ICSI.
- Cryopreservation of semen and testicular biopsies.
- Oocyte retrieval –denudation
- IVF
- ICSI
- Embryo transfer
- Embryo cryopreservation: cell stage and blastocyst
- Oocytes cryopreservation
- Blastocyst culture
- Embryo scoring using classic morphological parameters.
- Embryo biopsy: D3 cleavage embryos and D5 blastocyst embryos.

The other responsibilities I am developing in my current position are:

- Quality control.
- Management of the clinical database and insurance.
- Stock management
- Patient care for diagnosis before and during treatment. .
- Management of data records.

working since Aug-2013-Aug 2015, Alain Fertility Center/ Abudhabi police Clinic (Lasik Department)

Medical translator and as Patient Relation Manager

Provide medical interpretation services for the patients and doctors including: interpreting clinical procedures, health information and medical treatments.

Arrange and meet with equipment's providers and coordinate comparison studies of the offers provided from the equipment's distributors, In order to facilitate our marketing study.

Hold out and organize all the health Authority requirements for our medical team.

Liaison between patients, their families, and the organization's physicians, departments and administration.

Ensures thorough and timely resolution of patient issues, concerns, and complaints.

Responsible for managing patient relations and complaint activity.

Nov.2010 - Feb.2012, Katranji Lab, Damascus Syria:

- Collect and prepare specimens and perform analyses of newborn blood samples in order to determine the presence of genetic disorders : Amino acids and fatty acids disorders (Tyrosinemia I,II – PKU- Homocysteinuria , carnitin/acylcarnitine Translocase Defeciency) by Tandom mass liquid chromatography (API 3200).
- Detecting galactosemia, congenital adrenal hyperplasia, congenital hypothyroidism and G6PD deficiency by Perklin Elmer system.
- Prepare specimens and perform analyses of blood samples for kidney transplantation's patients to monitor drug effective (Tacrolimus, sirolimus and cycloporine). By LC/MS
- Prepare blood and CSF samples and analyses for detecting Oligoclonal bands in the MS. Patients by Sebia system.

- Run hemoglobin electrophoresis for adult and neonatal blood samples to detect any hemoglobinopathies.
- **2011-2012 , In-house training, Children hospitals, Damascus, Syria**
Giving training courses for the medical staff (nurses and technicians) about the importance of conducting the examination for a newborn how sampling (dried blood spot) is performed, presenting and sampling how the samples are taken and what are the conditions to accept the samples.

Key Contributions:

- Ensured test-result validity before recording/reporting results, earning a reputation for meticulous attention to detail.
- Demonstrated the ability to communicate test results effectively with physicians, to insure providing a high level quality of care.

2009 Jordan University of science and technology

- ❖ Assists students with classes' experiments and leading the practical explanation after the theoretical class.
- ❖ Give phlebotomy training for student in both techniques:
 - Venipunctue blood collection technique using both Vacutainer and the Syringe system.
 - Capillary blood collection technique.

Training:

Sep.2006 – June 2007, laboratory technician Internship, Alqassimi hospital, sharjah

Trained and performed testing in Microbiology, Serology and Histology departments. Major instruments operated Bact-Alert, Vitec, EIISA and Immuno florescence test.

Key Contributions:

- Performed stat and routine testing on a variety of specimens quickly and accurately.
- Maintained lab equipment and troubleshot/resolved instrument problems.

Education:

- 2007-2009 **Master of Clinical Biochemistry** – Clinical Biochemistry (GPA 82%) Very Good, Jordan University of Science and Technology, Jordan
- 2003-2007 **B.Sc. in Medical Laboratory Technology** (C.GPA 3.4) Very Good rating, University of Sharjah – UAE Graduated in 21/5/2007

Publications:

- Sachdeva K, Discutido R, Albuz F, **Almekosh R**, Peramo B. Genet Test Mol Biomarkers. 2017 Nov; 21(11):674-680. doi: 10.1089/gtmb.2017.0108. Epub 2017 Sep 8. PMID: 28885040

- Sachdeva K, Upadhyay D, Discutido R, Varghese MM, Albuz F, **Almekosh R**, Bouhafis L, Solkar S, Stevikova M, Peramo B. Genet Test Mol Biomarkers. 2018 Oct; 22(10):630-634. doi: 10.1089/gtmb.2018.0063. Epub 2018 Sep 7. PMID: 30199281
- Sachdeva K, Discutido R, Albuz F, **Almekosh R**, Peramo B. Validation of next-generation sequencer for 24-chromosome aneuploidy screening in human embryos. Genet Test Mol Biomarkers 2017;21: 674–680
- Sachdeva K, Upadhyay D, Discutido R, Varghese MM, Albuz F, **Almekosh R**, Bouhafis L, Solkar S, Stevikova M, Peramo B. Low gonadotropin dosage reduces aneuploidy in human preimplantation embryos: first clinical study in a UAE population. Genet Test Mol Biomarkers 2018;22:630–634
- .Sachdeva K, Upadhyay D, Discutido R, Varghese MM, Albuz F, **Almekosh R**, et al. . Low gonadotropin dosage reduces aneuploidy in human Preimplantation embryos: first clinical study in a UAE population. Genet Test Mol Biomarkers. (2018) 22:630–4. 10.1089/gtmb.2018.0063 [PubMed]

Scientific Societies:

- European Society of Human Reproduction and Embryology (ESHRE).
- Canadian Fertility and Andrology society (CFAS). American Society for Clinical Pathology (ASCP).

Computer and Quality Training Skills

- Microsoft Office XP (Word, Excel, PowerPoint, Outlook and Access).
- International Computer Driving License (ICDL) from University of Cambridge, 2008.
- Management of Hospitals and Medical Records Diploma, Balqaa applied University, Jordan, 2008.
- Quality Control Certification (ISO 9000) for attendance, 2009.

References:

- Dr.Bralio Peramo, Medical Director at AL Ain Fertility Center, +971561210687
- Dr.Firas ALBuz; IVF lab Manager at AL Ain Fertility Center, +971561434001.
- Antonio Alcaide Raya EU Manage of Technical Applications Scientists for Fulifilm Irvine. +34657121300