



Muhammad Karim Dero

Date of birth: 02/05/2000

Place of birth: Pakistan

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ABOUT ME

A dedicated and compassionate medical graduate who completed MBBS in December 2023 from Isra University, Karachi Campus. I successfully completed my house job in April 2025, gaining valuable hands-on experience in patient care, diagnosis, and treatment across various specialties. Throughout my medical journey, I have developed a strong foundation in medical sciences, critical thinking, and teamwork. With excellent communication skills, a commitment to continuous learning, and a passion for improving patient outcomes, I am eager to contribute to the healthcare field and pursue further professional development.

EDUCATION AND TRAINING

01/2019 – 12/2023 Karachi, Pakistan

Bachelor of Medicine & Bachelor of Surgery Isra University - Karachi Campus

Website <https://isra.edu.pk/campuses/karachi/>

WORK EXPERIENCE

01/2024 – 03/2024 Karachi, Pakistan

Intern Paediatric Medicine National Institute of Child Health - NICH

1. Patient Assessment & Management

- Conduct detailed history-taking and physical examinations for paediatric patients.
- Assist in the diagnosis and management of common paediatric conditions, including respiratory infections, gastroenteritis, malnutrition, and congenital disorders.
- Monitor and document vital signs, growth parameters, and hydration status.
- Participate in daily ward rounds, presenting cases to senior residents and consultants.

2. Neonatal & Paediatric Intensive Care

- Assist in the stabilization and resuscitation of critically ill neonates and children.
- Monitor ventilated patients and assist in basic airway management.
- Recognize and manage neonatal emergencies such as respiratory distress syndrome (RDS), sepsis, and neonatal jaundice.
- Administer phototherapy, intravenous fluids, and medications as per NICU/ PICU protocols.

3. Emergency & Acute Care Management

- Perform initial triage and assessment of paediatric emergencies in the ER.
- Assist in the resuscitation of patients in shock, seizures, or respiratory failure.
- Provide immediate care for trauma cases, poisoning, and acute febrile illnesses.
- Support the senior team in performing emergency procedures such as intubation, intraosseous access, and lumbar punctures.

4. Medical Procedures & Treatment

- Perform minor procedures such as IV cannulation, venipuncture, NG tube insertion, and urinary catheterization.
- Administer oxygen therapy, nebulization, and IV fluids based on the paediatric patient's needs.
- Assist in performing blood transfusions and exchange transfusions under supervision.
- Monitor responses to treatment and report any adverse drug reactions or complications.

5. Vaccination & Preventive Care

- Educate parents about immunization schedules and the importance of vaccinations.
- Assist in administering routine vaccinations as per WHO and EPI guidelines.
- Counsel parents on nutrition, breastfeeding, and hygiene to prevent common paediatric illnesses.

6. Documentation & Reporting

- Maintain detailed medical records, progress notes, and discharge summaries.
- Ensure accurate documentation of treatment plans, lab results, and medication orders.
- Participate in clinical audits and research activities.

7. Multidisciplinary Collaboration

- Work closely with paediatricians, neonatologists, nurses, and allied healthcare staff.
- Coordinate with laboratory, radiology, and pharmacy departments for timely investigations and treatment.
- Engage in clinical discussions, case presentations, and academic sessions for learning.

8. Infection Control & Patient Safety

- Follow strict infection prevention protocols, including hand hygiene and PPE usage.
- Identify and report hospital-acquired infections or breaches in aseptic techniques.
- Ensure proper disposal of medical waste in compliance with hospital guidelines.

04/2024 – 04/2025 Karachi, Pakistan

House Officer Sindh Employees Social Security Institution (SESSI) Hospital

1. General Medicine & Allied Specialties

- Conduct thorough history-taking and physical examinations for patients with medical conditions.
- Assist in the diagnosis and management of common medical disorders such as hypertension, diabetes, infections, and respiratory diseases.
- Monitor and manage patients with chronic illnesses, ensuring adherence to treatment plans.
- Order and interpret diagnostic tests, including blood work, ECGs, and imaging studies.
- Participate in ward rounds and discuss patient management plans with consultants.
- Perform bedside procedures such as lumbar punctures, ascitic/pleural taps, and central line insertions under supervision.

2. Paediatrics & Neonatology

- Assess and manage paediatric patients with common conditions such as respiratory infections, gastroenteritis, and neonatal jaundice.
- Assist in neonatal resuscitation and stabilization of sick newborns.
- Monitor growth and developmental milestones in paediatric patients.
- Perform basic paediatric procedures, including intravenous cannulation, nasogastric tube insertion, and lumbar punctures.
- Counsel parents regarding childhood nutrition, vaccination schedules, and preventive care.
- Participate in neonatal intensive care unit (NICU) rounds and assist in managing critically ill infants.

3. General Surgery & Allied Specialties

- Assist in preoperative and postoperative care, including patient preparation and wound management.
- Perform minor surgical procedures, including wound suturing, abscess drainage, and dressing changes.
- Assist in major surgical procedures as a first or second assistant.
- Monitor patients postoperatively for complications such as infections, bleeding, or deep vein thrombosis.
- Manage surgical emergencies, including acute appendicitis, bowel obstruction, and trauma cases.
- Document surgical notes, operation summaries, and postoperative care plans.

4. Emergency Medicine & Trauma Care

- Perform initial assessment and triage of emergency patients based on severity.
- Provide immediate resuscitation, including BLS and ACLS, for patients in cardiac or respiratory distress.
- Assist in managing trauma cases, including fractures, head injuries, and burns.
- Perform emergency procedures such as IV cannulation, airway management, and placement of urinary catheters.
- Work closely with consultants and specialists to ensure rapid diagnosis and treatment of critically ill patients.
- Participate in mass casualty drills and emergency response training.

Additional Responsibilities:

- Maintain accurate and updated patient records, including daily progress notes.
- Follow hospital protocols for infection control, patient safety, and medication administration.
- Engage in clinical audits, research, and case presentations to enhance professional learning.
- Collaborate with nurses, pharmacists, and allied healthcare professionals for holistic patient management.

LANGUAGE SKILLS

MOTHER TONGUE(S): Urdu

Other language(s):

English

Listening C2

Spoken production C1

Reading C2

Spoken interaction C1

Writing C1

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user