

MOHAMMAD AHMED ARSALAN KHAN

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Profile:

A highly motivated, dedicated, and ambitious young graduate, keen to join an institute which works for the betterment of their patients and works towards building a better healthcare system with major focus on innovative. Sensitive to students concerns, I possess strong interpersonal skills, demonstrating utmost discretion and integrity when dealing with confidential information. A team player who ensures adherence to healthcare guidelines and standard practice. Apart from medical education practice, I possess a strong research background with most of my articles focused on generation of data banks and baselines for further studies and determining the patterns in medical practice for further improvement.

Work Experience:

❖ **Medical Officer, Internal Medicine – April 18th, 2022, to Date | Shaukat Khanum Memorial Cancer Hospital and Research Center, Peshawar**

History taking, examination & making provisional diagnosis. Sorting out critically ill patients and discussing management plan with the seniors and supervisors. Tracing results of imaging studies, histology & blood tests and presenting cases in morning ward round before consultants. Assessing cancer patients for Chemotherapy and managing its complications. Carrying out Consultants orders, taking blood samples and filling out Lab Forms, making discharge paper for patients, follow up of hospitalized patients, participating in team meetings, teaching sessions and academic activities. Had regular rotations in Emergency Medicine according to the roster and giving cover duty as and when required. Performed procedures like Urinary Catheterization, Passing NG tube, IV Cannulation, Arterial tapping, Pleural and Ascetic fluid aspiration, Chest tube and CVP line Insertion, Lumber Puncture and administration of Intra-vesicle and Intra-thecal Chemotherapy.

❖ **Medical Officer, Orthopedic Surgery – January 1st, 2021 to February 28th, 2022 | Rehman Medical Institute, Peshawar**

Examinations, daily follow-up of hospitalized patients, presenting cases in ward rounds, attended casualties/emergency cases, including managing RTA cases and compound fractures and external fixations with back slab and POP application. Able to perform resuscitations, phlebotomies, dressing and debridement, suturing wounds, chest-tube insertions and removal under supervision and supervised CVP insertions. Care of infected wounds. Post-op medication and management. Regularly arranging teaching sessions for medical officers, house officers and medical students. History taking, examination & making provisional diagnosis. Sorting out critically ill patients and discussing management plan with the seniors and supervisors. Tracing results of imaging studies, histology & blood tests and presenting cases in morning ward round before consultants. Carrying out Consultants' orders, taking blood samples and filling out Lab Forms, making discharge paper for patients, follow up of hospitalized patients, participating in team meetings, teaching sessions and academic activities. Performed procedures like Urinary Catheterization, Passing NG tube, IV Cannulation, Arterial tapping, Pleural and Ascetic fluid aspiration, Chest tube and CVP line Insertion and Lumber Puncture.

❖ **Medical Officer, Cardiothoracic Surgery – August 24th, 2020, to December 31st, 2020, Rehman Medical Institute, Peshawar**

Examinations, daily follow-up of hospitalized patients, presenting cases in ward rounds, attended casualties/emergency cases and work at out-patient department. Regularly assisting seniors in operation theatre in major surgeries including CABG, MVR, AVR, AVR, AVR and a few thoracic surgeries. Referrals/admissions to appropriate units. Able to perform resuscitations, phlebotomies, dressing and debridement, suturing wounds, chest-tube insertions, and removal under supervision and supervised CVP insertions. Care of infected wounds. Post-op medication and management. Regularly arranging teaching sessions for house officers and medical students. Also held the position of in-charge medical officer in Ward B, Cardiothoracic Surgery, RMI.

❖ **Research Associate, Cardiothoracic Surgery – January 1st, 2021, to date, Rehman Medical Institute, Peshawar**

Working as a part-time research associate under direct supervision of Dr Azam Jan, who is the Head of department. During this time, I have managed to publish 2 (two) full articles in indexed journals and still working on more. Summarizing completed data and studies, writing scientific articles and manuscripts for publication and presentation. Supervise undergraduate students (Medical, Nursing and Allied Health) working on the research project (maintaining records on assignment completion, acting as liaison/mediator between the undergraduate students and the faculty researcher).

❖ **House Officer Medicine & Allied – May 27th, 2019, till May 26th, 2020, Rehman Medical Institute, Peshawar**

- **Cardiothoracic Surgery**
- **Orthopedic Surgery**
- **Pediatrics**
- **Neurology (Stroke Unit)**

Education:

- ❖ **Bachelor of Medicine, Bachelor of Surgery (MB'BS) (2019)**
Rehman Medical College, Peshawar, Pakistan
- ❖ **A Levels (2013)**
Pakistan International School (English Section), Jeddah, KSA
- ❖ **IGCSE (2011)**
Al-Hala International School, Jeddah, KSA

Certifications:

- ❖ **Basic Life Support**, Organized by Shaukat Khanum Memorial Cancer Hospital and Research Centre, Peshawar on December 23rd, 2021
- ❖ **Advanced Cardiac Life Support**, Organized by Save a Life. Issued on April 27th, 2021, and a refresher course organized by Shaukat Khanum Memorial Cancer Hospital and Research Centre, Peshawar on May 30th to April 1st, 2022.
- ❖ **Pediatric Advanced Life Support**, Organized by Shaukat Khanum Memorial Cancer Hospital and Research Centre, Peshawar on June 21st-23rd, 2022

Research:

Published Articles:

1. Assessment of risk factors of road traffic accidents involving light transport vehicles in three major trauma centers of Peshawar, KP, Pakistan. J Med Stud.2016;2(4):5-10.
<http://jmedstudents.pk/index.php/jms/article/view/143/206>
2. Demographic Study of Fractures at All Sites from All Causes at a Tertiary Care Hospital In Peshawar, KPK, Pakistan; A 10-Year Retrospective Study. JPOA. 2019; 31(03), 98-103.
<https://jpoa.org.pk/index.php/upload/article/view/335>
3. Early Outcomes of Total Correction in Tetralogy of Fallot in a Tertiary Care Hospital of Peshawar, Khyber Pakhtunkhwa, Pakistan; a Two-Year Retrospective Study. Pak Heart J 2020;53(03).
<https://www.pkheartjournal.com/index.php/pkheart/article/view/1947/pdf>
4. Histopathological Account of Obstetrical and Gynecological Specimens: Retrospective Study at a Tertiary Care Center of Peshawar. DOI: 10.7759/cureus.14950
5. A Spectrum of Otorhinolaryngologic Diseases in a tertiary care hospital in Peshawar, KPK, Pakistan; A10-year retrospective study (**Published in Journal of Rehman Medical Institute**)
6. Clinical presentation and management of pulmonary embolism at a tertiary care hospital of Peshawar, KP, Pakistan (**Published in Journal of Rehman Medical Institute**)
7. Correlation of serum alpha fetoprotein (AFP) and tumor size in hepatocellular carcinoma (HCC) in a tertiary care hospital in Peshawar (**Published in Journal of Rehman Medical Institute**)
8. Endoscopic Retrograde Cholangiopancreatography (ERCP) profile of a tertiary care hospital in Peshawar: indications, procedures, and complications (**Published in Journal of Rehman Medical Institute**)
9. Knowledge, attitude, and practice of medical and non-medical professionals of Peshawar towards the COVID-19 pandemic: an online survey (**Published in Rehman Medical Institute**)
10. Management of Retrosternal Goiters; A 4-year institutional review in a tertiary care hospital in Peshawar, Pakistan
11. Trends in per-operative parameters and postoperative complications associated with coronary artery bypass graft surgery (CABG); a four-year retrospective study
12. Histopathological findings of Appendectomy specimens at a tertiary care hospital in Peshawar; a two-year retrospective study.

Submitted for Publication:

1. Blood culture & antibiotic sensitivity pattern in a tertiary care center in Peshawar (Submitted to Pakistan Journal of Pathology)
2. Histopathological findings of gallbladder specimens at a tertiary care hospital in Peshawar; a two-year retrospective study.
3. Minimally Invasive Extra Capsular Dissection of Pleomorphic Adenoma of The Parotid Gland: A Prospective 4 Year Study At Rehman Medical Institute Peshawar

Conferences:

- ❖ Poster Presentation at **Birmingham International Orthopedic Symposium 2020**, held online internationally – November 7th, 2020

- ❖ Poster Presentation at **11th International Biennial Conference Cardiothoracic Surgery 2020 and beyond** held at Agha Khan University, Karachi – December 6th, 2019
- ❖ Oral Presentation in Parallel Sessions “Undergraduate” at the **9th Annual Health Research Conference (KAReCon)** held at Khyber Medical University – March 5-7th, 2018
- ❖ Organizer and participant **1st and 2nd Annual Medical Research Conference** held at Rehman Medical College, Peshawar

Workshops Attended:

- ❖ Masterclass in Respiratory Therapy (3 CME Hours), online session, held on October 31st, 2020.
- ❖ Essential Principles of Intensive Care (EPIC), Two-day Course organized by Rehman Medical Institute, Peshawar (12 CME Hours) held between March 6-7th, 2020. Focal points of the workshop:
 - Approaching critically ill patients
 - Imaging of a critically ill patient
 - Advanced discussion of respiratory failure
 - Demonstration of prone positioning
- ❖ Suturing Technique Workshop organized by Lady Reading Hospital; Peshawar held on December 10th, 2016
- ❖ 3rd Clinical Crash Course for Junior Doctors organized by Shifa International Hospitals Ltd. Islamabad (12 CME Hours) – February 24th and 25th, 2018

Co-curricular:

- ❖ **Mentor | Research Mentorship Program – Rehman Medical College**
Facilitating and mentoring multiple student groups, encouraging their participation in research and supervising their projects by conducting Research Methodology Workshops during the session 2018-19
- ❖ **Treasurer | Students Research Society – Rehman Medical College**
Organized the 2nd Annual Medical Research Conference, Research Article Writing, Data Collection, SPSS and Excel Data Entry and Analysis.
- ❖ **Tutor | Peer Assisted Learning (PAL) – Rehman Medical College**
Supervised student delivered seminars on various topics in the Academic Year 2017-18, Tutored Year I to III of MBBS preparing them for delivering the integrated curriculum-based seminars.
- ❖ **Organizer | 1st Annual Association of Khyber Cardio-Vascular & Thoracic Surgeons (AKCTS) Conference – Rehman Medical Institute**
Organized the 1st Annual AKCTS Conference at RMI as part of the Cardiothoracic surgery team in RMI.
- ❖ **2nd Place Holder | Peshawar SynBio Startup weekend, Powered by Google for Entrepreneurs.**
Awarded 50,000/- cash prize for presenting the idea of “HepDetect”. A portable Hepatitis detection device able to provide results in minutes.
- ❖ **Class Representative | Students Research Society – Rehman Medical College**
Helping fellow colleagues with Research Article Writing, Data Collection, SPSS and Excel Data Entry and Analysis, Pioneer 1st Annual Medical Research Conference at Rehman Medical College/Institute
- ❖ **Chief Photographer | Daanish Magazine**
Taking photos, editing, formatting, and designing of the Daanish Magazine
- ❖ **Assistant Director Patient Care Wing Social Welfare Society – Rehman Medical College**

Social Work:

- ❖ **Wadaan (Non – Profit Organization)**
 - Volunteer Ramadan Iftar/Ramadan Relief Packages
 - Volunteer for helping children in SOS Village
 - Volunteer Operation Eid Child
- ❖ **Member Social Assistance Wing of Social Welfare Society – Rehman Medical College**
 - Organizer Spring Gala 2015 and 2016 for charity

IT skills:

- ❖ Microsoft Office
- ❖ SPSS
- ❖ Mendeley

Interests:

- ❖ Medical Research
- ❖ Journal Reading
- ❖ Football
- ❖ Technology Reviews
- ❖ Event Organizing
- ❖ Management

References:

- 1. Dr. Fattahullah Ullah Khan – Head of Department**
Consultant Internal Medicine/Respiratory Medicine
Shaikat Khanum Memorial Cancer Hospital and Research Centre, Peshawar
Email: fattahullah.khan@skm.org.pk
- 2. Dr. Zeeshan Khan – Assistant Professor**
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- 3. Dr. Azam Jan – Associate Professor**
HOD and Consultant Cardiothoracic Surgeon
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- 4. Dr. Zubair Ahmed Khan – Assistant Professor**
Consultant General Surgeon and Director Clinical Examination.
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- 5. Dr. Iftikhar Qayum – Professor**
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