

## CURRICULUM VITAE

### DR. SAJJAD ALI

Associate Professor of Pulmonology

Medical Teaching Institution (MTI)

Bacha Khan Medical College / Mardan Medical Complex, Mardan

#### 1. Personal & Contact Details

- Name: Dr. Sajjad Ali
- Designation: Associate Professor
- Department: Pulmonology
- Institution: MTI–Bacha Khan Medical College / MMC Mardan
- Email: drsajjadlrh@gmail.com
- Phone: 0333-9298814
- Address: Mardan Medical Complex

#### 2. Educational Qualifications

Degree / Certification	Institution	Year
FCPS (Pulmonology)	College of Physicians & Surgeons Pakistan (CPSP)	2013
MBBS	Ayub Medical College	2003
Certificate in Health Professions Education (CHPE)	NUMS	2020
Certificate in Artificial Intelligence in Medical Research	Baqai Medical University / KMU	2024

Diploma in Health Professions Education (DHPE)	Health Services Academy, Islamabad	2025
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### 3. Professional/Teaching Experience

Position	Institution	Duration
Associate Professor Pulmonology	BKMC / MMC Mardan	Dec 2020 – till date
Assistant Professor Pulmonology	BKMC / MMC Mardan	Dec 2015 – Dec 2020
District Chest Specialist	DHQ Hospital Charsadda	2014 – 2015
Medical Officer Pulmonology	LRH Peshawar	2012 – 2014
Trainee Medical Officer Pulmonology	LRH Peshawar	2006 – 2011

#### i. Certified Supervisor

CPSP Certified Supervisor (Pulmonology)

*Effective from: 02 September 2022*

- Undergraduate and postgraduate teaching in Pulmonology & Internal Medicine
- Supervisor of FCPS & MCPS trainees

#### Clinical Expertise & Special Skills

- Advanced bronchoscopy (FOB, EBUS exposure)
- Ultrasound-guided thoracic procedures
- Image-guided transthoracic biopsies
- Medical thoracoscopy
- ICU procedures (CVP, invasive monitoring, NIV/ventilation)

### 4. Research Publications & Projects/Scholar Activities

- **Article Reviewer:** More than **32** peer-reviewed publications in PMDC/HEC/Scopus/PubMed indexed journals
- **Published Research Article:** First or Corresponding authorship in more than 20 Publications
- Research areas include:
  - ARDS & COVID-19 biomarkers
  - Drug-resistant tuberculosis
  - COPD & inflammatory markers
  - Clinical audit and quality improvement
  - Pulmonary diagnostics and interventions

#### **DETAILS OF RESEARCH WORK & PUBLICATIONS**

**ORCID ID:** <https://orcid.org/0009-0007-6396-9635>

1. From History to Plan: A Comprehensive Audit of Admission Documentation Practices in the Pulmonology Department at Medical Teaching Institute (MTI) Mardan Medical Complex, Pakistan *Cureus* 2025-09-21 | journal-article. DOI: [10.7759/cureus.92860](https://doi.org/10.7759/cureus.92860) . Part of ISSN: [2168-8184](https://doi.org/10.7759/cureus.92860)
2. Frequency of Bronchestasis among Post Tuberculosis Patients in Mti-Mardan Medical Complex Mardan *Indus Journal of Bioscience Research*. 2025-07-15 | journal-article. DOI: [10.70749/ijbr.v3i7.1907](https://doi.org/10.70749/ijbr.v3i7.1907) .Part of ISSN: [2960-2807](https://doi.org/10.70749/ijbr.v3i7.1907)
3. Frequency of Gastroesophageal Reflux Disease among Patients Presenting with Bronchial Asthma *Indus Journal of Bioscience Research*. 2025-07-15 | journal-article. DOI: [10.70749/ijbr.v3i7.1984](https://doi.org/10.70749/ijbr.v3i7.1984) . Part of ISSN: [2960-2807](https://doi.org/10.70749/ijbr.v3i7.1984)
4. Frequency of Malignant Pleural Mesothelioma in Patients with Massive Pleural Effusion Admitted in Pulmonology Ward Mardan Medical Complex Mardan *Indus Journal of Bioscience Research*, 2025-06-26 | journal-article. DOI: [10.70749/ijbr.v3i6.1636](https://doi.org/10.70749/ijbr.v3i6.1636) . Part of ISSN: [2960-2807](https://doi.org/10.70749/ijbr.v3i6.1636)

5. Frequency of Hyponatremia in Adult Patients with Community Acquired Pneumonia Presenting at Pulmonology Ward of Mardan Medical Complex *Indus Journal of Bioscience Research*. 2025-05-31 | journal-article. DOI: [10.70749/ijbr.v3i5.1541](https://doi.org/10.70749/ijbr.v3i5.1541) .Part of ISSN: [2960-2807](https://doi.org/10.2960-2807)
6. Prevalence and Clinical Correlates of Hypomagnesemia in Ischemic Stroke Patients: A Single-Center Study From a Tertiary Care Center in Pakistan *Cureus* . 2025-05-24 journal-article. DOI: [10.7759/cureus.84742](https://doi.org/10.7759/cureus.84742). Part of ISSN: [2168-8184](https://doi.org/10.2168-8184)
7. Comparative Analysis of Culture and Sputum Smear Conversion Timelines and Their Associated Factors in Smokers Versus Non-smokers With Drug-Resistant Tuberculosis. *Cureus* . 2025-03-17 | journal-article . PMID: [40103913](https://pubmed.ncbi.nlm.nih.gov/40103913/) . DOI: [10.7759/cureus.80704](https://doi.org/10.7759/cureus.80704)
8. Investigating fibrinogen levels as a biomarker for immune inflammation severity in COPD patients across GOLD stages *Journal of the Pakistan Medical Association*. 2025 | journal-article
9. Five Years of Managing Multidrug-Resistant Tuberculosis at PMDT Mardan: Treatment Outcomes, Challenges, and Key Insights *Journal of Bacha Khan Medical college* . 2024-11-30
10. The frequency of different diagnoses in patients presented with obstructive airway symptoms to the outpatient and pulmonology department, mardan medical complex, khyber Pakhtunkhwa, *journal of Bacha Khan Medical college*. 2024-11-30
11. Investigating the Effectiveness of Long-term Regimen versus Short-term Regimen in Treating Drug Resistant Tuberculosis and their Treatment Outcomes *Pakistan Journal of chest medicine*, 2024-01-01
12. Sajjad Ali Prevalence of Latent Tuberculosis Infection among patients with Bronchial Asthma Receiving Inhaled or Oral Corticosteroids *Pakistan Journal of Medical & Health Sciences* 2023-11-30 DOI: [10.53350/pjmhs020231711602](https://doi.org/10.53350/pjmhs020231711602) Part of ISSN: [2957-899X](https://doi.org/10.2957-899X)
13. Sajjad Ali Frequency of Hyperuricemia in Tuberculosis patients during Intensive Phase of Therapy *Pakistan Journal of Medical & Health Sciences* 2023-10-28 | journal-article DOI: [10.53350/pjmhs020231710398](https://doi.org/10.53350/pjmhs020231710398) Part of ISSN: [2957-899X](https://doi.org/10.2957-899X)
14. Sajjad Ali Prognostic value of the SII Systemic Immune-Inflammation Index a novel biomarker in coronavirus disease 2019 patient's disease progression to fatality *Rawal*

*Medical Journal* 2023 | journal-article EID: 2-s2.0-85150288928 Part of ISSN: [03035212](#)

15. Sajjad Alivia Scopus – Elsevier Correlation of Vitamin D deficiency with chest X-rays severity scores and different inflammatory markers in severe and critical COVID-19 patients *Ghana Medical Journal* 2022 DOI: [10.4314/gmj.v56i4.3](#) EID: 2-s2.0-85144528871 Part of ISSN: [2616163X 00169560](#)
16. Sajjad Alivia Scopus – Elsevier Estimation of emerging diagnostic parameters for Coronavirus Disease 2019 patients severity and fatality *Journal of the Pakistan Medical Association* 2022 | journal-article DOI: [10.47391/JPMA.4100](#) EID: 2-s2.0-85132239414 Part of ISSN: [00309982](#)
17. Sajjad Alivia Scopus – Elsevier Prevalence of anti tuberculosis drug induced hepatitis in patients on anti tuberculous drug in Mardan medical complex *Medical Forum Monthly* 2019 | journal-article EID: 2-s2.0-85075621318 Part of ISSN: [1029385X](#)
18. Sajjad Alivia Scopus – Elsevier Prevalence of complications of tuberculous meningitis in patients presenting to paediatric department *Medical Forum Monthly* 2018 | journal-article EID: 2-s2.0-85054510295 Part of ISSN: [1029385X](#)
19. Sajjad Alivia Scopus – Elsevier Hepatotoxicity with low dose methotrexate in rheumatoid arthritis patients *Medical Forum Monthly* 2017 | journal-article EID: 2-s2.0-85037845918 Part of ISSN: [1029385X](#)
20. Sajjad Alivia Scopus – Elsevier Biomass fuel smoke: A silent killer *Journal of Postgraduate Medical Institute* 2014 | journal-article EID: 2-s2.0-84898902915 Part of ISSN: [18119387 10135472](#)
21. Sajjad Alivia Scopus – Elsevier Comparison of early Pleurodesis Practice with conventional (Late) Pleurodesis Practice in patients with Radiologically Expanded Lung having Exudative Pleural Effusion journal-article
22. Sajjad Ali comparison of treatment outcome of tuberculosis before and after the introduction of daily dots in tb clinic at lady reading hospital peshawar *Pakistan Journal of chest medicine* journal-article
23. Sajjad Ali diagnostic accuracy of pleural fluid adenosine deaminase in patients with tuberculous pleural effusion keeping closed pleural biopsy as a gold standard *Pakistan Journal of chest medicine* journal-article

24. Sajjad Ali Diagnostic evaluation of patients presenting with pleural effusion to Mardan Medical Complex, Khyber Pakhtunkhwa *Pakistan Journal of chest medicine* journal-article
25. Sajjad Ali Effect of biomass fuel burning on lung functions in patients with chronic obstructive pulmonary disease *Pakistan Journal of chest medicine*
26. Sajjad Ali Evaluation of clinically Palpable Cervical Lymph Nodes by Fine Needle Aspiration Cytology, A Private Pulmo-Clinic Experience *Pakistan Journal of chest medicine* journal-article
27. Sajjad Ali Evaluation Of Total Leucocyte And Lymphocyte Count And Its Correlation With Severity Of Covid Infection *Medical Forum Monthly*
28. Sajjad Ali Frequency and clinical presentations of hepatitis B and C virus co-infection in tertiary care hospital *Rawal Medical Journal*
29. Sajjad Ali Frequency and risk factors of erectile dysfunction in patients with diabetes mellitus *Khyber Journal of Medical Sciences*
30. Sajjad Ali Frequency of Common Risk factors in Patients with stable Chronic Obstructive Pulmonary Disease *Pakistan Journal of chest medicine*
31. Sajjad Ali Frequency of Depression in Patients suffering from Pulmonary Tuberculosis *Pakistan Journal of chest medicine*
32. Sajjad Ali Frequency of fatty liver in chronic hepatitis C (CHC) and its effect on the end treatment response to combined antiviral therapy *Rawal Medical Journal*
33. Sajjad Ali Frequency of risk factors for hepatotoxicity in patients with antituberculosis drug induced hepatitis *Pakistan Journal of chest medicine*
34. Sajjad Ali Paediatric flexible bronchoscopy: experience from peshawar *Pakistan Journal of chest medicine*
35. Sajjad Ali Prevalence of Anxiety and Depressive Disorders in Patients with Asthma at Mardan Medical Complex *Pakistan Journal of chest medicine*
36. Sajjad Ali The effects of wheat pill poisoning (aluminum phosphide) dosage on arterial blood gases and their clinical outcome *Journal of the Pakistan Medical Association*

## 5. Conferences, Workshops

- Workshop on Introduction to computers and internet organized by Department of Medical education and national teaching training Centre CPSP Pakistan in collaboration with WHO ,June 2007.
- Workshop on Research Methodology, Biostatistics and Dissertation writing organized by Department of Medical education and national teaching training center CPSP Pakistan in collaboration with WHO ,October 2006
- Workshop on Communication skills organized by Department of Medical education and national teaching training centre CPSP Pakistan in collaboration with WHO ,October 2008
- Training Course on Managing Tuberculosis at district level in developing countries Organized by Association for community development, April 2010
- Workshop on Non invasive ventilation organized by Pulmonology department of JPMC Karachi in collaboration with Pakistan chest society April 2010
- Workshop on Cardiopulmonary Resuscitation (BLS) organized by Department of Anaesthesiology and surgical intensive care unit Dow medical college and Civil hospital Karachi collaboration with Pakistan chest society April 2011
- Workshop on Smoking cessation organized by Pakistan chest society at Liaqat National Hospital Karachi, April 2011.
- Basic Training course for doctors on DOTS at Provincial Health Services Academy Peshawar August 2010.
- Workshop on DOTS in Tertiary Hospitals organized by IUTALD in collaboration with Pakistan chest society at Peshawar September 2011.
- Training Course on Management of drug resistance Tuberculosis organized by National Tuberculosis Program March 2011.
- Workshop on Education planning and evaluation organized by Department of Medical education and national teaching training centre CPSP Pakistan in collaboration with WHO , May 2017.

- Workshop on Research Methodology, Biostatistics and Medical writing organized by Department of Medical education and national teaching training center CPSP Pakistan in collaboration with WHO ,September 2017.
- Workshop on Supervisory skills organized by Department of Medical education and national teaching training centre CPSP Pakistan in collaboration with WHO ,October 2017.
- Workshop on Assessment of competenc organized by Department of Medical education and national teaching training Centre CPSP Pakistan in collaboration with WHO ,Februrary 2018.
- Regular participation in Chestcon organized by Pakistan Chest Society every two years. (2010, 2012,2014,2016,2018, 2024).
- Certificate in health professions education (CHPE) conducted by NUMS Department of health professions education (NDHPE) January to September 2020.
- Certificate in Artificial Intelligence in Research (AIR) conducted by CorTeach in collaboration with KMU, October 2023 to April 2024.
- Speaker, facilitator, and organizer at national and international conferences
- Active participation in CME activities (pulmonology, critical care, research, medical education)
- Faculty at CHESTCON, PSP conferences, CPSP workshops

## **6. Recognitions, Awards and Other Responsibilities**

- Acting Hospital Director (From 09/2025 to present)
- Head Department of Pulmonology (09/03/2018 to Present)
- Chairman / Member of multiple institutional committees
- Associate Dean PGMI – MTI MMC Mardan (26/11/2024 till date)
- Focal Person COVID-19 (institutional and provincial coordination)
- Lead role in:
  - I. Development of Pulmonology Unit & Medical ICU

## II. CPSP accreditation of Pulmonology training program

- Establishment of state of art PMDT unit with help of Provincial government for treating MDR TB patients. Active member of expert panels for PMDT site (MDR TB unit) Mardan.
- Development and renovation of state-of-the-art modern Medical Intensive care unit with implementation of standard ICU treatment protocols to improve morbidities and mortalities of serious patients.
- Worked as focal person for Covid-19 during Covid pandemic (2020-2023). Development of whole new infrastructure and strategies for admission of serious covid patients. Including development of COVID ICUs, HDUs and help in installation of liquid oxygen plants and connecting whole hospital with central oxygen.
- Development of treatment guidelines for covid patients at home, covid units and ICU. Introduction of noninvasive ventilation devices in the treatment of covid patients. Arrangement of training sessions for lower staff on covid treatment protocols, On invasive and noninvasive ventilation devices. Helped in development of IT tools for monitoring, reporting and record keeping of all covid patients.
- Establishment of fully functional Chest Unit from scratch which provides all modern-day services to the patients including spirometry, bronchoscopy, pleural biopsy and modern treatment facilities such as CPAP and BiPAP.
- Got Accreditation of the chest unit for FCPS and MCPS training from the collage of surgeon and physician Pakistan. Induction of trainees for MCPS and FCPS Pulmonology training for the first time in MTI, Mardan medical complex.
- Certificate in health professions education (CHPE) conducted by NUMS Department of health professions education (NDHPE) January to September 2020.
- Certificate in Artificial Intelligence in Research (AIR) conducted by CorTeach in collaboration with Baqai Medical University (BMU), November 2023 to March 2024.
- CPSP examiner for post-graduates' residents of FCPS
- KMU examiner for MBBS / BDS students
- Member of departmental promotion committee medicine and allied

- Member of Pakistan chest society. Member of guidelines working group for the development and compilation of PCS Guidelines for Diagnosis and Management of drug susceptible TB 2018.
- Member of different inquiry committees MTI, Mardan.
- Served as member of selection committee for selection of Hospital Director in august 2024.
- Served as secretary and member of the scrutiny committee for selection of Director Human resource in October 2024.
- Selected as Associate Dean for Post Graduate Medical Institute for Mardan.

### **Declaration**

I hereby declare that the information provided above is true and correct to the best of my knowledge.

Dr. Sajjad Ali

Associate Professor Pulmonology