

International Research Publications

Table 4 is showing details of research publications in international journals by CKMC faculty and students.

Table 4: International Research Publications by CKMC Faculty & Students

	Faculty Name	Department	Article Title	Vol. & Year	Journal	Country
1.	Dr. Saad Abdullah	Anatomy	Investigating the Rate of Re-Rupture of the Anterior Cruciate Ligament after Tibial Strut Preserving ACL Reconstruction	Vol. 6 (15), 925-937, 2024	Afr J Biol Sci	Nigeria
2.	Dr. Saad Abdullah	Anatomy	Effects of omega-3 fatty acids and CoQ10 on gross morphology of intervertebral discs subjected to immobilization	Vol. 26 (1), 2022	EurJ Anat	Italy
3.	Dr. Saad Abdullah	Anatomy	Seroprevalence of COVID-19 and associated factors in a medical institution in Pakistan	Vol. 16 (4), 619-623, 2021	J Taibah Univ Med Sci	Saudia Arabia
4.	Dr. Mushtaq Ahmad	Anatomy	Nasal morphometry among medical students of Pakistan: gender and ethnic insights	Vol. 32 (3) 2025	J Popul Ther Clin Pharmacol	Canada
5.	Dr. Amaidah Mir	Anatomy	Pre COVID-19 usage of smartphones and medical applications among medical students	Vol. 10 (5), 2021	Int J Basic Clin Pharmacol	India
6.	Dr. Amaidah Mir	Anatomy	Histomorphological effects of Sodium Arsenite on uterus of rats	Vol. 9 (11), 2020	Int J Basic Clin Pharmacol	India
7.	Dr. Amaidah Mir	Anatomy	Histomorphological Effects of Sodium Arsenite on cervix of Rats	Vol.9 (11), 2020	Int J Basic Clin Pharmacol	India
8.	Dr Rabia Haider	Anatomy	Induction Therapy with Mesenchymal Stem Cells Used for the Transplantation of Kidneys among the Population of Karachi, Randomized Control Trial	Vol. 19 (2), 2023	J Xi'an Shiyou Univ	China
9.	Dr. Hafeezullah Wazir Wali	Physiology	Clinical Profiles and Phylogenetic analysis of HIV-1 in newly Diagnosed	Vol 31 (1), 2024	J Popul Ther Clin Pharmacol	Canada

			Patients from Punjab, Pakistan.			
10.	Dr. Hafeezullah Wazir Wali	Physiology	Effect of Maximal Exercise on the Heart Rate, Blood Pressure and Level of Cardiac Remolding in Elite Athletes. International	Vol 4 (5), 2024	J Med Sci Clin Res Stud	India
11.	Dr. Hafeezullah Wazir Wali	Physiology	Synergistic Collaboration of Pharmacists and Nurses in Enhancing Patient Care	Vol 18 (4), 2024	Asian J Pharm	India
12.	Dr. Hafeezullah Wazir Wali	Physiology	Prevalence rate corresponding to signs Symptoms and Risk Factors of Parkinson's disease Patients in District Abbottabad, Khyber Pakhtunkhwa, Pakistan.	Vol 53 (3), 2024	Cuest. fisioter	Spain
13.	Dr. Hafeezullah Wazir Wali	Physiology	Fabrication and Characterization of Novel Hydrogel and its Antibacterial Activity: Possible Treatment of Seborrheic Dermatitis.	Vol 19 (2), 2025	J Pure Appl Microbiol	Nigeria
14.	Dr. Hafeezullah Wazir Wali	Physiology	Highlights on the recent clinical studies and inventions in the use of natural products in the management of Covid-19	Vol 9 (2), 2025	Int J Anat Morphol	Nigeria
15.	Dr. Ahmed Murtaz Khalid	Physiology	Exploring the landscape of latent autoimmune diabetes and Maturity onset diabetes of the Young in Africa: A scoping review.	Vol. 12, 2023	F1000 Research	UK
16.	Dr. Ahmed Murtaz Khalid	Physiology	Seroprevalence of COVID-19 and its associated factors in a medical institution in Pakistan	Vol. 16 (4), 619-623, 2021	J Taibah Univ Med Sci	Saudia Arabia
17.	Dr. Ahmed Murtaz Khalid	Physiology	Perceptions of medical students in Pakistan, KSA, and the US regarding the significance of Case-Based Learning	Vol 16 (3), 2021	J Taibah Univ Med Sci	Saudia Arabia
18.	Dr. Aiman Frogh Anjum	Physiology	The Connotation of Variances in the Risk Predictors, Medications, Homocysteine, and Homocysteine Pathway	Vol. 7 (4), 113-120, 2020	Glob Med Genet Genomics Int	India

			Genes with Cerebrovascular Accidents			
19.	Dr. Aiman Frogh Anjum	Physiology	The risk stratification of coronary vascular disease as linked to homocysteine, its modulating genes, genetic polymorphisms, conventional predictors, and with antihypertensive medicaments	Vol. 64 (6), 2021	Chin J Physiol	Taiwan
20.	Dr. Sabeen Khalid	Biochemistry	The effect of maternal anemia and iron deficiency on fetal erythropoiesis: comparison between serum erythropoietin, hemoglobin and ferritin levels in mothers and newborns	Vol. 32 (4), 2024	J Popul Ther Clin Pharmacol	India
21.	Dr. Sabeen Khalid	Biochemistry	Biochemical basis of genetic disorder: Investigating how mutation in metabolic pathways lead to inherited diseases such as phenylketonuria, cystic fibrosis, and Tay-Sachs	Vol. 12 (12), 2024	Health Aff	USA
22.	Dr. Sabeen Khalid	Biochemistry	Investigating the Role of Post-Translational Modifications in Protein Function and Disease Pathogenesis	Vol. 13 (5), 2024	Health Aff	USA
23.	Dr. Urfa Zaryab	Biochemistry	Histomorphological Effects of Sodium Arsenite on cervix of Rats	Vol. 9 (11), 2020	Int J Basic Clin Pharmacol	India
24.	Dr. Atika Shahzadi	Biochemistry	Advancements in Targeted Therapies for the Management of Crohn's Disease: A Comprehensive Review	Vol. 16 (6), 2024	Cureus	USA
25.	Dr. Atika Shahzadi	Biochemistry	Diabetes and liver cirrhosis: shared pathways and clinical implications – a narrative review	Vol. 87 (12), 2025	Ann Med Surg	UK
26.	Dr. Atika Shahzadi	Biochemistry	Comparison of the Efficacy of Intralesional Ascorbic Acid Mesotherapy and Intralesional Tranexamic Acid in Treating Melasma in the Skin of Color Population	Vol. 17 (7), 2025	Cureus	USA

27.	Brig. Shoaib Naiyar Hashmi (Retd.)	Pathology	The connotation of variances in the risk predictors, medications, homocysteine, and homocysteine pathway gene polymorphisms with cva/stroke	Vol. 7 (4), 2019	Glob Med Genet	India
28.	Brig. Shoaib Naiyar Hashmi (Retd.)	Pathology	Determination of il-6 gene promoter polymorphism in patients with hepatitis c and its impact on RNA secondary structure	Vol. 60 (3), 2025	Medicina	Lithuania
29.	Brig. Shoaib Naiyar Hashmi (Retd.)	Pathology	Correlation of tnf- α and il-6 expression with vitamin d levels in insulin-resistant type 2 diabetes mellitus patients: exploring the role of vitamin d in inflammation and disease pathogenesis	Vol. 26 (1), 2025	BMC Immunol	UK
30.	Dr. Maira Ijaz	Pathology	Early hematological indicators of severe COVID-19 disease in hospitalized patients: Data from a South Asian population	Vol. 43 (5), 2021	Int J Lab Hematol	UK
31.	Dr. Maira Ijaz	Pathology	A Case of Systemic Lupus Erythematosus Presenting as Pure Red Cell Aplasia	Vol. 20 (2), 2021	Int J Hematol Oncol Stem Cell Res	Iran
32.	Dr. Maria Safdar	Forensic Medicine	Suicide by poisoning in Pakistan: review of regional trends, toxicity and management of commonly used agents in the past three decades	17 June 2021	Cambridge University Press	UK
33.	Dr. Hammad Ahmed Butt	Pharmacology	Evaluation and identification of essential therapeutic proteins and vaccinomics approach towards multi-epitopes vaccine designing against Legionella pneumophila for immune response instigation	Vol. 143, 2022	Comput Biol Med	UK
34.	Dr. Rumsha Zubair	Pharmacology	Correlation of TNF- α and IL-6 expression with vitamin D levels in insulin-resistant type2 diabetes mellitus patients: exploring the role of vitamin D in inflammation and disease pathogenesis	Vol. 26 (1), 2025	BMC Immunol	UK

35.	Dr. Iffat Naiyar	Community Medicine	Perceptions of Medical Students in Pakistan, KSA, and the US Regarding the Significance of Case-Based Learning	Vol. 36 (2), 2021	J Taibah Univ Med Sci	Saudia Arabia
36.	Dr. Iffat Naiyar	Community Medicine	Seroprevalence of COVID-19 and Associated Factors in a Medical Institution in Pakistan	Vol. 36 (2), 2021	J Taibah Univ Med Sci	Saudia Arabia
37.	Dr. Muhammad Azhar Khan	Community Medicine	Impact of community dentistry-driven oral health interventions on public knowledge and practices concerning communicable diseases	Vol. 15 (2), 2025	Int J Pharm Res Technol	India
38.	Dr. Muhammad Azhar Khan	Community Medicine	Dental health, prevention practices, and disease burden of tobacco-associated conditions and its effects on the renal system in a population-based	Vol. 15 (2), 2025	Int J Pharm Res Technol	India
39.	Dr. Muhammad Azhar Khan	Community Medicine	Multidisciplinary audit of hypertensive disorders in pregnancy with autoimmune comorbidities and manifestations: maternal, fetal, musculoskeletal, and physiological outcomes from a cohort study	Vol. 15 (2), 2025	Int J Pharm Res Technol	India
40.	Dr. Muhammad Azhar Khan	Community Medicine	Periodontal status, behavioral risk factors, and community-based surveillance of type 2 diabetes mellitus	Vol. 15 (2), 2025	Int J Pharm Res Technol	India
41.	Dr. Muhammad Azhar Khan	Community Medicine	Prevalence and predictors of copd among adults attending primary care clinics in pakistan	Vol. 15 (2), 2025	Int J Pharm Res Technol	India
42.	Dr. Muhammad Azhar Khan	Community Medicine	Prevalence Of Oral Mucosal Lesions With Assessment of Renal Parameters Among Industrial Chemical Factory Workers	Vol. 15 (2), 2025	Int J Pharm Res Technol	India
43.	Dr. Muhammad Azhar Khan	Community Medicine	Burning cities, burning brains: prevalence of post-traumatic stress disorder in survivors of urban violence in	Vol. 15 (2), 2025	Int J Pharm Res Technol	India

			pakistan - a neuro perspective			
44.	Dr. Muhammad Azhar Khan	Community Medicine	Comparison of prevalence of pre-diabetes and insulin resistance among pediatric and adolescent individuals with obese parents in Pakistan	Vol. 15 (2), 2025	Int J Pharm Res Technol	India
45.	Dr. Muhammad Azhar Khan	Community Medicine	Association Between Tobacco Chewing Habits and Leukoplakia in Low-Income Urban Communities	Vol. 15 (2), 2025	Int J Pharm Res Technol	India
46.	Dr. Muhammad Azhar Khan	Community Medicine	Effect of Early Corticosteroid Therapy on Oxygenation and ICU Stay in Severe Community-Acquired Pneumonia Treated In The Critical Care Unit	Vol. 15 (2), 2025	Int J Pharm Res Technol	India
47.	Dr. Muhammad Azhar Khan	Community Medicine	Hba1c variability as a predictor of neurocognitive decline in children with type 1 diabetes	Vol. 17 (12), 2025	Cureus	USA
48.	Col. Nisar Ahmed	Surgery & Allied	Arthroscopy assisted MPFL reconstruction in recurrent patellar dislocation	Vol. 3 (4), 2024	J Prim Health Care	New Zealand
49.	Brig. Muhammad Babar Khan	Radiology	Deep learning-based vertebral body segmentation with extraction of spinal measurements and disorder disease classification	Vol. 71, 2022	Biomed Signal Process Control	UK
50.	Brig. Zahid Farooq Baig	Medicine & Allied	Suicide by poisoning in Pakistan: review of regional trends, toxicity and management of commonly used agents in the past three decades	Vol. 7 (4), 2021	BJPsych Open	UK
51.	Dr. Saeed Anwar	Medicine & Allied	Enhancing recovery in gastrointestinal and cardiovascular surgeries through enhanced recovery after surgery (ERAS) protocols.	Vol. 17 (1), 2025	Cureus	USA
52.	Dr. Saeed Anwar	Medicine & Allied	Efficacy and safety of tranexamic acid in the management of gastrointestinal bleeding a systematic review	Vol. 16 (12), 2024	Cureus	USA

53.	Dr. Muhammad Amin	Medicine & Allied	Pulmonary risks associated with e cigarette use among adolescents: a multi-center study on vaping-induced respiratory ailments	Vol. 29 (1), 2022	J Popul Ther Clin Pharmacol	Canada
54.	Dr. Haroon Ur Rasheed	Medicine & Allied	En mann I 40 årene med smerter I høyere lår og kne. (A man in his 40s with pain in the right thigh and knee)	2017	Legeforening tidsskrift	Norway
55.	Dr. Muhammad Tariq Nadeem	Pediatrics	Outcome of Neonates Born through Meconium-Stained Amniotic Fluid in a Tertiary Care Hospital, PAK Emirates Military Hospital Rawalpindi, Pakistan	Vol. 34 (3), 2022	J Adv Med Med Res	India
56.	Col. Nadia Arif	Gynaecology & Obstetrics	Quality of online information on breast cancer treatment option	Vol. 37, 2018	Breast	UK
57.	Col. Nadia Arif	Gynaecology & Obstetrics	Synthesis, spectroscopic, SC-TRD/DFT and non-linear optical properties of chromene derivatives	Vol. 13 (1), 2023	RSC Adv	UK
58.	Col. Nadia Arif	Gynaecology & Obstetrics	Characterization and simulation of bush plane tire	Vol. 7 (12), 2019	Lubricants	Switzerland
59.	Col. Nadia Arif	Gynaecology & Obstetrics	Breast cancer information on internet. Type of website, accuracy and responsibility of online resources	Vol. 37, 2018	Breast	UK
60.	Dr. Uzma Saleem	Gynaecology & Obstetrics	Role of oxidative stress/ antioxidant defense biomarkers in neurodegenerative disease	Vol. 30 (4), 2020	Crit Rev Eukaryot Gene Expr	USA
61.	Dr. Uzma Saleem	Gynaecology & Obstetrics	Role of poly phenolic in management of rheumatoid arthritis through intracellular signaling pathway	Vol. 33 (5), 2025	Inflammo-pharmacology	Germany
62.	Dr. Uzma Saleem	Gynaecology & Obstetrics	Hep C virus: its prevalence, risk factors and genotype distribution in Pakistan	Vol. 20, 2022	Eur J Inflamm	Italy
63.	Dr. Aasma Qaiser	Medical Education	Professionalism Program Evaluation and Its Impact on Undergraduate Medical Students	Vol. 16 (1), 2024	Cureus	USA
64.	Dr. Hira Khalil	Medical Education	Challenges faced by the faculty while implementing assessment in an outcome	Vol. 6 (2), 2024	Afr J Biol Sci	Nigeria

			based integrated curriculum for MBBS			
65.	Dr. Hira Khalil	Medical Education	Evaluating the impact of problem-based learning (PBL) on clinical reasoning skills in medical students	Vol. 12 (3), 2025	Health Aff	USA
66.	Dr. Hira Khalil	Medical Education	Role of co-curricular activities in enhancing conceptual learning of anatomy	Vol. 13 (4), 2025	Health Aff	USA
67.	Dr Fouzia Khalid	Medical Education	Chronic kidney disease in the pediatric and adolescent population: etiology and clinical Presentation	Vol. 29 (1), 2022	J Popul Ther Clin Pharmacol	Canada
68.	Dr. Sarah Sadiq	Research & Development	Therapeutic potential of Chemogenic Iron Oxide Nanoparticles, its antioxidant and anti-inflammatory effects with reduction of ankle joint swelling in BALB/c mice	Vol. 36 (11), 2024	J King Saud Univ	Saudia Arabia
69.	Dr. Sarah Sadiq	Research & Development	Determination of IL-6 Gene Promoter Polymorphism in Patients with medicina Determination of IL-6 Gene Promoter Polymorphism in Patients with Hepatitis C and Its Impact on RNA Secondary Structure	Vol. 60 (3), 2024	Medicina	Lithuania
70.	Dr. Sarah Sadiq	Research & Development	Therapeutic Potential of Cinnamaldehyde Nanoparticles as an Antihyperuricemic, Anti-inflammatory, and Antioxidant Agent Against Monosodium Urate Crystals-Mediated Gouty Arthritis in BALB/c Mice	Vol. 31 (3), 2025	Altern Ther Health Med	USA
71.	Dr. Ahmed Murtaz Khalid	Research & Development	Perceptions of medical students in Pakistan, KSA, and the US regarding the significance of Case-Based Learning	Vol. 16 (3), 2021	J Taibah Univ Med Sci	Saudia Arabia
72.	Dr. Ahmed Murtaz Khalid	Research & Development	Seroprevalence of COVID-19 and its associated factors in a medical in a Medical institution in Pakistan	Vol. 16 (4), 2021	J Taibah Univ Med Sci	Saudia Arabia

73.	Dr. Ahmed Murtaz Khalid	Research & Development	Exploring the landscape of latent autoimmune diabetes and Maturity onset diabetes of the Young in Africa: A scoping review	Vol. 12, 2023	F1000 Research	UK
74.	Muhammad Jasim All Mahmood	CKMC Student	Reframing positive mental health: Theoretical Models and measurement advances	Vol. 31 (8), 2024	J Popul Ther Clin Pharmacol	Canada
75.	Muhammad Jasim All Mahmood	CKMC Student	Suicidal Ideation, psychological distress and depression in medical students of Pakistan: Surviving or Thriving	Vol. 12 (3), 2024	Am J Psychiatry Neurosci	Canada
76.	Muhammad Jasim All Mahmood	CKMC Student	Navigating Specific Languages Impairments: Insights from Language Professionals and Neuroscience	Vol. 31 (6), 2024	J Popul Ther Clin Pharmacol	Canada
77.	M Hasnat Akhter	CKMC Student	Refractive Errors Linked to Autism Spectrum Disorders in the Pediatric Population and Young Adults: A Systematic Review and Meta-Analysis	13 July, 2024	Rev. J. Autism Dev. Disord.	USA
78.	M Hasnat Akhter	CKMC Student	Cerebral Ring Enhancing Lesions in Autoimmune Hepatitis Complicated by Invasive Listeriosis.	Vol. 12 (8), 2023	Int. J. Sci. Res.	India

CKMC Undergraduate Students Publications

National Publications: 09

International Publications: 05

Total Publications: 14

Table 5: Details of Research Publications of the CKMC Students (2018–2026)

	Students' Name	Article Title	Year	Journal	National / International
1.	Muhammad Jasim Ali Mahmood	Reframing positive mental health: Theoretical Models and measurement advances	Vol. 31 (8), 2024	J Popul Ther Clin Pharmacol	Int Canada
2.	Muhammad Jasim Ali Mahmood	Suicidal Ideation, psychological distress and depression in medical students of Pakistan: Surviving or Thriving	Vol. 12 (3), 2024	Am J Psychiatry Neurosci	Int Canada
3.	Muhammad Jasim Ali Mahmood	Navigating Specific Languages Impairments: Insights from Language Professionals and Neuroscience	Vol. 31 (6), 2024	J Popul Ther Clin Pharmacol	Int Canada
4.	M Hasnat Akhter	Refractive Errors Linked to Autism Spectrum Disorders in the Pediatric Population and Young Adults: A Systematic Review and Meta-Analysis	13 July, 2024	Rev. J. Autism Dev. Disord.	Int USA
5.	M Hasnat Akhter	Cerebral Ring Enhancing Lesions in Autoimmune Hepatitis Complicated by Invasive Listeriosis.	Vol. 12 (8), 2023	Int. J. Sci. Res.	Int India
6.	Hafsa Zulfiqar Malik	Unlocking the Code: Exploring Autism Spectrum Traits among Medical Students through the Lens of Blood Group Phenotypes	Vol. 5 (3), 2024	Lif Sci	N

7.	Zarbakht Awan, Syed Taha Ahmed Zaidi	Amblyopia Screening in Pakistan: A Public Health Review and Policy Perspective.	Vol. 15 (2), 2025	Ophthalmology Pakistan	N
8.	M Hasnat Akhter	Fabrication and Characterization of Metforminium Gallate Gel for the Treatment of Diabetic Foot Ulcer in Rat Model	Vol. e923, 2025	J. Health Wellness Community Res.	N
9.	M Hasnat Akhter	Immunomodulatory and Fungicidal Potential of Different Extracts of Raphanus Raphanistrum L. Var. Caudatus.	Vol. 4 (1), 2024	J. Health Rehabil. Res	N
10.	M Hasnat Akhter	Exploring the Impact of Cationic Surfactant Ctab on Bleu Brilliant G 250 De Cosmassie: Implications for Health Management and Environmental Sustainability.	Vol. 4 (2), 2024	J. Health Rehabil. Res	N
11.	M Hasnat Akhter	Inhibitory Actions of Catechins, Pro-anthocyanidins, and Flavonols Against Pathogens Resistant to Multiple Drugs: Flavonoid Forcefields.	Vol. 8 (4), 2023	Global Pharm. Sci. Rev.	N
12.	M Hasnat Akhtar, Anum Ashfaq	Stress levels among pre-clinical medical students and their coping strategies	Vol. 14 (1), 2023	J. Univ. Med. Dent. Coll.	N
13.	Haim Masood	Impact of Learning Portfolio in structuring routine of medical students during COVID-19 lockdown period	Vol. 6 (3), 2021	RMJ	N
14.	Samina Shehzad, Minahil Zulfiqar	Association between BMI, waist circumference and prehypertension among adults	Vol. 28 (5), 2021	TPMJ	N

Ongoing Research Projects by CKMC Students

Table 6 is showing details of ongoing research projects by CKMC students.

Table 6: Details of Ongoing Research Projects by CKMC Students

	Name	Designation & Department	Research Project	IERB Approval	Status
1.	Zahra Murawat	4 th Year MBBS Pharmacology Gynae & Obs.	The prevalence of depression and anxiety in antenatal and postnatal females in Kharian: A comparative study	Jan 2025	Submitted for Publication
2.	Waleed Ijaz	3 rd Year MBBS Pharmacology	Prevalence of depression in caregivers of dementia patients in Pakistan	Jan 2025	Submitted for Publication
3.	Rabiya Khalid	4 th Year MBBS Pharmacology	Assessment of Irrational Use of Antibiotics at a Tertiary Care Hospital in Kharian, Pakistan	Jan 2025	Data Collection
4.	Shiza Shahid	3 rd Year MBBS Pharmacology	A Comparative Study of Depression, Anxiety and Stress among Medical Students of Private and Public Sector Medical Colleges in Pakistan	Jan 2025	Data Collection
5.	Muqadus Rizwan	Final Year MBBS Physiology	Knowledge, Attitude and Perception of Healthcare Professionals and Medical Students toward Artificial Intelligence (AI), A Cross-Sectional Study	Feb 2025	Data Analysis
6.	Areej Kashif	3 rd Year MBBS Pharmacology	Comparative Analysis of Hypertension in Bipolar Disorder Individuals and Healthy Controls	Feb 2025	Data Collection
7.	Taha Ahmed Zaidi	4 th Year Physiology	Antibiotic Resistance Patterns of MRSA in Pakistan: A Scoping Review (2014-2024)	Mar 2025	Submitted for Publication
8.	Ummamah Mohsin	Final Year MBBS Medicine	Assessment of Insulin Injection Technique among Diabetic Patients and their Caregivers of Gujrat District Pakistan	Mar 2025	Data Collection
9.	Noor Ul Ain	3 rd Year MBBS Pharmacology	Hematological Changes in Pre and Post Dialysis of CKD Patients	Mar 2025	Data Collection
10.	Zeemal Zahid	3 rd Year MBBS Pharmacology	A Comparative Study of Postpartum Depression in Working and Non-Working Women	Mar 2025	Data Collection

11.	Sadia Jabeen	3 rd Year MBBS Pharmacology	Patient Satisfaction with In-Person Versus Telemedicine Consultations: A Cross-Sectional Analysis	Mar 2025	Data Collection
12.	Sadia Jabeen	3 rd Year MBBS Pharmacology	Comparison of Patient Satisfaction (SAP Score) across different departments in a tertiary care hospital	Mar 2025	Data Collection
13.	Uroosha Liaqat	3 rd Year MBBS Pharmacology	Assessment of Quality of Life in Middle Aged Pregnant Women with Gestational Diabetes Mellitus	Apr 2025	Data Collection
14.	Mahnour Fatima	3 rd Year MBBS Pharmacology	Prospective Association of Screen Time with Psychological Distress among Pakistani Youth	Apr 2025	Data Collection
15.	Mateen Un Nisa	3 rd Year MBBS Pharmacology	The Impact of Social Comparison on Self-Esteem among Medical Students: A Cross-Sectional Analysis	Apr 2025	Data Collection
16.	Abeeha Naeem	3 rd Year MBBS Pharmacology	Body Dysmorphic Disorder (BDD) in Gen Z vs. Millennials: The Advent of social media	May 2025	Medical Writing
17.	Uroosha Liaqat	3 rd Year MBBS Gynae. & Obs.	Exploring the Impact of Gestational Diabetes Mellitus on Quality of Life of Pregnant Women	May 2025	Data Collection
18.	Naveed Ur Rehman	3 rd Year MBBS Pharmacology	Prevalence of Antibiotic Resistance of Acinetobacter Baumannii in a Tertiary Care Hospital in Kharian	Jun 2025	Ready for Submission
19.	Esha Ashfaq	4 th Year MBBS Physiology	A Comparative Analysis of Time Management Skills and Academic Achievement: Hostellers vs. Day Scholars of CMH Kharian Medical College	Jun 2025	Data Collection
20.	Zahra Murawat	4 th Year MBBS Pharmacology	Association of Gestational Diabetes, Vitamin D, Calcium and Phosphorus with Preeclampsia	Jul 2025	Planning
21.	Hamda Aftab	3 rd Year MBBS Pharmacology	Comparison of Gastrointestinal Diseases among Hostelites and Day Scholars of CMH Kharian Medical College	Jul 2025	Medical Writing
22.	M Raffae Malik	3 rd Year MBBS Pharmacology	Insights into the perception, use and impact of Artificial Intelligence (AI) in shaping personalized learning among undergraduate medical students:	Aug 2025	Data Collection

			A cross-sectional analysis in Pakistan		
23.	Fraz Ansar	3 rd Year MBBS Pharmacology	Exploring job satisfaction among post graduate healthcare workers	Aug 2025	Data Collection
24.	Zenia Safwan	Final Year Medicine	Evaluation of hypertension control and associated risk factors among chronic kidney disease patients in hemodialysis at CMH Kharian	Nov 2025	Data Collection
25.	Waleed Ijaz	4 th Year MBBS Pharmacology	Motives and deterrents of choosing medical profession among Pakistani undergraduate medical students	Nov 2025	Data Collection
26.	Mahnoor Fatima	4 th Year MBBS Pharmacology	Assessing knowledge, attitude and practice regarding organ donation between medical professionals and general population in Kharian, Pakistan	Nov 2025	Data Collection
27.	Maria Zubair	4 th Year MBBS Pharmacology	Impact of AI-Based Learning Tools on Academic Performance: A Retrospective Study Among 3 rd Year MBBS Students at CMH Kharian Medical College	Nov 2025	Data Analysis
28.	Uroosha Liaqat	4 th Year MBBS Physiology	Comparison of knowledge, attitude and awareness regarding breast self-examination and breast cancer between medical and non-medical students	Dec 2025	Data Collection
29.	Zain Rauf	4 th Year MBBS Community Medicine	Assessment of public speaking anxiety and confidence level: A study on secondary and higher secondary students	Dec 2025	Data Collection
30.	Waleed Ijaz	4 th Year MBBS Pharmacology	Awareness of perception of genetic treatments and their associated risks in Pakistani medical students	Dec 2025	Data Collection
31.	Haris Ali Shafiq	4 th Year MBBS Community Medicine	Assessment of empathy along with social and emotional loneliness among medical students of CMH Kharian Medical College	Dec 2025	Data Collection
32.	Subaiyal Noor	4 th Year MBBS Community Medicine	Emotional intelligence and fear of missing out: A cross-sectional study among undergraduate medical students	Dec 2025	Data Collection
33.	Momina Basharat	4 th Year MBBS	The role of defense mechanisms in peer rejection: A gender-based	Dec 2025	Data Collection

		Community Medicine	analysis in university students using DSQ-40		
34.	Waleed Ijaz	4 th Year MBBS Community Medicine	Impact of gender difference on peer-assisted learning and academic motivation among medical undergraduates	Dec 2025	Data Collection
35.	M Assad Ur Rehman	4 th Year MBBS Community Medicine	Effect of insomnia on memory: A cross-sectional study among medical students of CMH Kharian Medical College	Dec 2025	Data Collection
36.	Areej Kashif	4 th Year MBBS Pharmacology	Knowledge and attitude towards Human Papilloma Virus and HPV vaccine among medical students in Pakistan	Jan 2026	Data Collection
37.	Fatima Batool	3 rd Year MBBS Pharmacology Medicine	Comparative effectiveness of brief medical student-led counselling plus pamphlet versus pamphlet alone in reducing situational anxiety among hypertensive patients attending an outpatient clinic	Jan 2026	Data Collection

Ongoing Research Projects by CKMC Faculty

Table 7 is showing details of ongoing research projects by CKMC faculty.

Table 7: Details of Ongoing Research Projects by CKMC Faculty

	Name	Designation & Department	Research Project	IERB Approval	Status
1.	Dr. Urfa Zaryab	Assist. Prof. Biochemistry	Histopathological and biochemical evaluation of piperine induced alterations in follicular morphology and hormonal profile of adult albino rats	Dec 2023	Medical Writing
2.	Dr. Usman Nawaz Dr. Ayesha Laraib	Professor Pharmacology	Comparative efficacy of letrozole and clomiphene in ovulation induction for infertile females with comorbidities: a comprehensive clinical evaluation	Jan 2025	Submitted for Publication
3.	Dr. Mugheera Hussain	Assist. Prof. Gynae. & Obs.	Evaluation of non-invasive prenatal testing (NITP) and early ultrasound findings in fetuses with raised nuchal translucency	Feb 2025	Medical Writing
4.	Dr. Waleed Ahmed Butt	Lecturer Medical Education	Impact of Timely and Constructive Feedback on Medical Students' Performance and Motivation at CMH Kharian Medical College	Mar 2025	Data Collection
5.	Dr. Iffat Naiyar	Professor Community Medicine	Exploring the Dynamic Interplay between Personality Traits and Learning Styles among Undergraduate Medical Students	Mar 2025	Data Collection
6.	Dr. Fozia Bibi	Assist. Prof. Forensic Medicine	Cephalometric Analysis of Head Shape among 3 rd Year Medical Students: A Study in Dolichocephalic, Mesaticephalic and Brachycephalic Ratios	Mar 2025	Data Collection
7.	Dr. Razi ul Islam Hashmi	Lecturer R & D	SNP Hybridization RT-PCR Analysis of rs53576 in the Oxytocin Receptor (OXTR) Gene in Diabetic Patients	Apr 2025	Submitted for Publication
8.	Dr. Rabia Ejaz	Lecturer Anatomy	To explore the impact of integrated curriculum on the academic outcomes of first year MBBS students in CMH Kharian Medical College	Apr 2025	Data Collection

9.	Dr. Mushayada Irshad	Assist. Prof. Pharmacology	Comparative Efficacy of Magnesium Supplements and Melatonin Congener in Young Adults with Primary Insomnia	Apr 2025	Data Collection
10.	Dr. Fouzia Khalid	Lecturer Pharmacology	Comparing the Effectiveness of TikTok Videos vs PowerPoint Videos for Knowledge Retention in Undergraduate Medical Students	May 2025	Submitted for Publication
11.	Dr. Iram Khurshid Dr. Javeria	Assist. Prof. Pathology	Correlation between Cyclin D1, HER2, and AMACR Expression with Histological Grade in Papillary Urothelial Carcinomas of Bladder: A Potential Diagnostic and Prognostic Biomarker Study	May 2025	Data Collection
12.	Dr. Aleem Ul Haq	Professor Biochemistry	Gender-Based Comparison of ANA & Anti-Ds-DNA Levels in SLE Patients	Jun 2025	Data Collection
13.	Dr. Saad Abdullah	Professor Anatomy	Study of Femur Neck-Shaft Angle among Patients of Different Age Groups and Genders at CMH Kharian Medical College	Jun 2025	Data Collection
14.	Dr. Isma Ishaq	Lecturer R & D	From classroom to clinic: patterns of interest in medical research among preclinical and clinical medical students	Sep 2025	Data Collection
15.	Brig. Aamir Mahmood Farooqi	Vice Principal Medical Education	A phenomenological study of medical students lived experiences with organizational administrative systems in a medical college	Oct 2025	Medical Writing
16.	Dr. Maryum Noor Malik	Assist. Prof. Gynae. & Obs.	Endometrial response in women with poorly primed endometrial lining in polycystic ovary syndrome treated with letrozole alone or with added estradiol valerate	Nov 2025	Data Collection
17.	Dr. Maryum Noor Malik	Assist. Prof. Gynae. & Obs.	Clinical outcomes and risk factors in pregnancies complicated by gestational diabetes and intrahepatic cholestasis	Dec 2025	Data Collection

Department of Anatomy

National Publications: 63

International Publications: 08

Total Publications: 71

Table 8: Research Publications of the Department of Anatomy (2018–2026)

	Faculty Name	National Publications	International Publications	Total Publications	As a 1st Author	As a Co-Author
1.	Dr. M. Irfan Qadir	0	0	0	0	0
2.	Dr. Aneeqa Chughtai	9	0	9	4	5
3.	Dr. M. Saad Abdullah	23	3	26	4	22
4.	Dr. Mushtaq	8	1	9	1	8
5.	Dr. Amidah Mir	17	3	20	6	14
6.	Dr. Rabia Haider	5	1	6	2	4

Details of Research Articles by the Department of Anatomy

Following are the details of research articles published by the faculty of Department of Anatomy during 2018-2026:

Table 9: Details of Research Articles by the Department of Anatomy (2018–2026)

	Faculty Name	Article Title	Year	Journal	National / International
1.	Dr. Aneeqa Chughtai	Dexmedetomidine Alleviates Rat Liver Histopathology During Experimental sepsis.	Vol. 39 (1): 37-40, 2025	SZMC	N
2.	Dr. Aneeqa Chughtai	Perceptions of female medical students about practicing in rural areas	Vol. 15 (5), 1005-7, 2021	PJMHS	N
3.	Dr. Aneeqa Chughtai	Protective Effect of Prunus Dulcis against Acetylsalicylic Acid Injury on Gastric Parietal Cells: An Experimental Study	Vol. 15 (7), 2021	PJMHS	N
4.	Dr. Aneeqa Chughtai	Students Feedback Regarding the Effectiveness of Think Pair Share Strategy in the Anatomy Class	Vol. 15 (1), 2021	PJMHS	N
5.	Dr. Aneeqa Chughtai	Misconception about blood donation any CMH Kharian	Vol. 15 (5), 2021	PJMHS	N
6.	Dr. Aneeqa Chughtai	Morphological Variations of Umbilical Cord in Normal Pregnancies among Local Population	Vol. 16 (2), 2022	PJMHS	N
7.	Dr. Aneeqa Chughtai	Anatomical Variation of the Axillary Artery in Central Punjab Population of Pakistan	Vol. 17 (1), 2023	PJMHS	N
8.	Dr. Aneeqa Chughtai	Gross Variants of Fetal Membranes in Healthy Placentae among Females in Pakistan	Vol. 17 (2), 2023	PJMHS	N

9.	Dr. Aneeqa Chughtai	Gross Anatomical Variations of Placental Disc in Healthy Pregnancies among Local Population	Vol. 17 (1), 2023	PJMHS	N
10.	Dr. Aneeqa Chughtai	Determinants of Rural-Urban Disparities in Surgical Treatment Accessibility for Carpal Tunnel Syndrome	Vol. 5 (12), 2024	PJMHS	N
11.	Dr. Saad Abdullah	Effect of Caffeine and VitaminD3 on proliferative and hypertrophy zones of epiphyseal cartilage of mice femur	Vol. 68 (5), 2018	PAFMJ	N
12.	Dr. Saad Abdullah	Effect of Prunus dulcis on epithelial damage caused by Nonsteroidal anti-inflammatory drugs	Vol. 70 (2), 2020	PAFMJ	N
13.	Dr. Saad Abdullah	Perceptions of female medical students about practicing in rural areas	Vol. 15 (5), 1005-7, 2021	PJMHS	N
14.	Dr. Saad Abdullah	Misconceptions about blood donation among CMH Kharian Medical College employees.	Vol. 15 (5), 1372-74, 2021	PJMHS	N
15.	Dr. Saad Abdullah	Behavioral trends of medical institution employees in adhering to COVID-19 preventive strategies	Vol. 46 (3), 698-701, 2021	RMJ	N
16.	Dr. Saad Abdullah	Protective Effect of Prunus Dulcis against Acetylsalicylic Acid Injury on Gastric Parietal Cells: An Experimental Study.	Vol. 15 (7), 1594-96, 2021	PJMHS	N
17.	Dr. Saad Abdullah	Seroprevalence of COVID-19 and associated factors in a medical institution in Pakistan	Vol. 16 (4), 619-623, 2021	JTUMed	Int
18.	Dr. Saad Abdullah	Cervico-diaphyseal angle of Femur in Southern Punjab: Radiographic Study	Vol. 15(8), 1979-81, 2021	PJMHS	N

19.	Dr. Saad Abdullah	Effects of microwave oven exposed diet on animal weight and testicular tissue and relative role of Mentha Piperita	Vol. 15 (9), 2352-55, 2021	PJMHS	N
20.	Dr. Saad Abdullah	Impact of Nigella Sativa on body weight, volume and weight of Ovary in Letrozole Induced Polycystic Ovarian Syndrome in Mice	Vol. 15 (9), 2355-57, 2021	PJMHS	N
21.	Dr. Saad Abdullah	Students Feedback Regarding the Effectiveness of Think Pair Share Strategy in the Anatomy Class	Vol. 15 (11), 3222-24, 2021	PJMHS	N
22.	Dr. Saad Abdullah	Effects of omega-3 fatty acids and CoQ10 on gross morphology of intervertebral discs subjected to immobilization	Vol. 26 (1), 2022	EurJ Anat	Int
23.	Dr Saad Abdullah	Frequency of Hypokalemia in chronic liver disease	Vol. 16 (1), 127-128, 2022	PJMHS	N
24.	Dr Saad Abdullah	Morphological Variations of Umbilical Cord in Normal Pregnancies among Local Population	Vol. 16 (2), 80-82, 2022	PJMHS	N
25.	Dr. Saad Abdullah	Transpedicular Screw Fixation of the Lumbar Spine: an anatomical perspective	Vol. 16 (2), 231-234, 2022	PJMHS	N
26.	Dr. Saad Abdullah	Dimensions of lumbar spinal canal in subjects with and without low back pain.	Vol. 16 (2), 235-236, 2022	PJMHS	N
27.	Dr. Saad Abdullah	Lumbar Vertebral Body and Disc Morphometry in Punjab	Vol. 16 (03), 646-648, 2022	PJMHS	N
28.	Dr. Saad Abdullah	Anatomical Variations in the Brachial Plexus: Implications for Surgical Interventions	Vol. 29 (1), 476-484, 2022	JPTCP	N

29.	Dr. Saad Abdullah	The Role of Anatomical Adaptations in Human Bipedalism	Vol. 29(1), 476-484, 2022	JPTCP	N
30.	Dr Saad Abdullah	The Microanatomy of the Human Skin: Understanding the Structure-Function Relationship in Barrier Function and Immune Defense	Vol. 13 (3), 1159-64, 2022	JPTCP	N
31.	Dr. Saad Abdullah	The Anatomical Basis of Facial Expressions: Muscular and Nervous System Interactions	Vol.13 (3), 1153-58, 2022	JPTCP	N
32.	Dr. Saad Abdullah	Impact Of Caffeine and Vitamin D3 on the Body Weight of Pregnant Balb/C Mice	Vol. 27 (1), 48-51, 2023	JRMC	N
33.	Dr. Saad Abdullah	Formoterol induces muscle regeneration through myogenic regulatory factor MyoD in rat model of statin-induced myopathy	Vol. 39 (4), 150-155, 2023	Bio Medica	N
34.	Dr Saad Abdullah	Correlation of Height with head circumference and length in Female population of Upper Punjab	Vol. 31 (1), 129-134, 2024	TPMJ	N
35.	Dr. Saad Abdullah	Investigating the Rate of Re-Rupture of the Anterior Cruciate Ligament after Tibial Strut Preserving ACL Reconstruction	Vol. 6 (15), 925-937, 2024	Afr J Biol Sci	Int
36.	Dr. Saad Abdullah	Effects Of Simvastatin on Histomorphology and Biochemical Parameters of the Thyroid in Rats	Vol. 29 (1), 2025	JRMC	N
37.	Dr Mushtaq Ahmad	Relationship between fiber in diet and acute appendicitis	Vol. 31 (9), 2020	Med Forum Mon	N
38.	Dr Mushtaq Ahmad	Effect of zinc supplementation on heat induced gross changes in testes of adult mice	Vol. 31 (11), 2020	Med Forum Mon	N

39.	Dr Mushtaq Ahmad	Effects of Lead Nitrate Induced Histological Changes in Liver of Male Sprague Dawley Rats	Vol. 15 (11), 2021	PJMHS	N
40.	Dr Mushtaq Ahmad	Impact of unbalanced diet on mesenteric anatomy and gastrointestinal disorders in the Pakistani population. A clinical study	Vol. 17 (4), 2023	PJMHS	N
41.	Dr Mushtaq Ahmad	The effects of obesity on joint integrity and mobility. A cross-sectional anatomical study	Vol. 17 (6), 2023	PJMHS	N
42.	Dr Mushtaq Ahmad	Comparative study on the impact of malnutrition and dietary variations on human growth, skeletal development, and metabolic function across Pakistani population	Vol. 17 (4), 2023	PJMHS	N
43.	Dr Mushtaq Ahmad	Age-related anatomical variations in the prostate gland, implications for urological health and disease progression	Vol. 17 (10), 2023	PJMHS	N
44.	Dr Mushtaq Ahmad	Ameliorating effects of arsenic-induced toxicity on the histology of vagina and reproductive hormones of female Sprague Dawley rats	Vol. 28 (1), 2024	JRMC	N
45.	Dr Mushtaq Ahmad	Nasal morphometry among medical students of Pakistan: gender and ethnic insights	Vol. 32 (3) 2025	J Popul Ther Clin Pharmacol	Int
46.	Dr Amidah Mir	Cytological And Biochemical Impact of Arsenic Exposure on the Endocrine System and Oestrous Cycle of Female Rats	Vol. 19 (4), 2023	PJP	N
47.	Dr Amidah Mir	Ameliorating Effects of Arsenic-Induced Toxicity on the Histology of Vagina and Reproductive	Vol. 28 (1), 2024	JRMC	N

		Hormones of Female Sprague Dawley Rats.			
48.	Dr. Amaidah Mir	Alleviation Of Arsenic Induced Thyroid Dysfunction and Body Weight Alterations by Curcumin	Vol. 20 (3), 2024	PJP	N
49.	Dr. Amaidah Mir	Quantifying Renal changes: A Study of Area of Bowman's and Space Following Prolonged Itopride Hydrochloride Exposure in Albino Rats	Vol. 5 (2), 2024	Life Sci	N
50.	Dr. Amaidah Mir	Folic acid supplementation and its effects on the estrus cycle of rats	Vol. 31 (1), 2024	TPMJ	N
51.	Dr. Amaidah Mir	Impact of Short-Term Arsenic Exposure on Hormonal Balance and Fibrosis in Sprague Dawley Rats	Vol. 5 (2), 2024	Life Sci	N
52.	Dr. Amaidah Mir	Histomorphological Effects of Sodium Arsenite on cervix of Rats	Vol.9 (11), 2020	Int J Basic Clin Pharmacol	Int
53.	Dr Amaidah Mir	Shielding effects of Corn Silk Extract Against Doxorubicin Induced Toxicity in Wistar Albino Rats	Vol. 21 (1), 2025	PJP	N
54.	Dr Amaidah Mir	Prevention Of Bisphenol A Induced Histo-Pathological Insults to Urinary Corpuscle of Albino Rat Kidneys by Moringa Oleifera	Vol. 36 (2), 2025	PPMJ	N
55.	Dr. Amaidah Mir	Histomorphological effects of Sodium Arsenite on uterus of rats	Vol. 9 (11), 2020	Int J Basic Clin Pharmacol	Int
56.	Dr. Amaidah Mir	Effects of Lead Nitrate Induced Histological Changes in Liver of Male Sprague Dawley Rats	Vol. 15 (11), 2021	PJMHS	N
57.	Dr. Amaidah Mir	Pre COVID-19 usage of smartphones and medical applications among medical students	Vol. 10 (5), 2021	Int J Basic Clin Pharmacol	Int

58.	Dr. Amaidah Mir	Synergistic Efficacy of the Combination of Co Q10 & α -tocopherol against Arsenic Induced hepatotoxicity in Sprague Dawley rats	Vol. 16 (2), 2022	PJMHS	N
59.	Dr. Amaidah Mir	Differentiation of Sclera in Chick Embryo at Various Stages of its Development- A Histological Study	Vol. 17 (1), 2023	PJMHS	N
60.	Dr. Amaidah Mir	Impact of Short-Term Arsenic Exposure on Hormonal Balance and Fibrosis in Sprague Dawley Rats	Vol. 5 (2), 2024	Life Sci	N
61.	Dr. Amaidah Mir	The Effects of Moringa Oleifera Leaves Extract on Histological Changes Induced in the Distal Convoluted Tubules of the Kidneys of Adult Albino Rats by Bisphenol	Vol. 39 (2), 2025	JPML	N
62.	Dr. Amaidah Mir	Comparative effects of tocopherol and ubiquinol on arsenic induced nephrotoxicity in Sprague Dawley rats	Vol. 4 (3), 2022	Pak J Pharm Sci	N
63.	Dr. Amaidah Mir	Barriers to Provide Timely and Constructive Feedback in Undergraduate Medical Education	Vol. 39 (3), 2025	JPMI	N
64.	Dr. Amaidah Mir	Quantitative analysis of vaginal elastin and collagen alterations in Sprague Dawley rats following folic acid and cobalamin supplementation	Vol. 15 (4), 2025	J Saidu Med Coll	N
65.	Dr. Amaidah Mir	Additive effects of alternate nostril breathing with pharmacological management on dyspnea and control pause in patients with bronchial asthma	Vol. 21 (4), 2025	PJP	N
66.	Dr Rabia Haider	Effects Of Moringa Oleifera Leaves Extract on Histological changes Induced in the DCT of the Kidneys	Vol. 39 (2), 2025	PPMJ	N

		of the Adult Albino Rats by Bisphenol			
67.	Dr Rabia Haider	Study of the Anatomical Variations in the Nutrient Foramina of Fibula	Vol. 14 (1), 2020	APMC	N
68.	Dr Rabia Haider	Protective Effects of Flaxseeds (Linum Usitatissimum L.) on Hepatotoxicity Induced by Triazophos on Male Wistar Rats	Vol. 15 (4), 2023	Esculapio	N
69.	Dr Rabia Haider	Induction Therapy with Mesenchymal Stem Cells Used for the Transplantation of Kidneys among the Population of Karachi, Randomized Control Trial	Vol. 19 (2), 2023	J Xi'an Shiyou Univ	Int
70.	Dr Rabia Haider	Impact of COVID-19 on the Mental Health of Medical Students of Karachi, Pakistan	Vol. 16 (2), 2022	PJMHS	N
71.	Dr Rabia Haider	Protective Effects of Moringa Oleifera Leaves Extract on Bisphenol A Induced Changes in the Proximal Convolutud Tubules of The Kidneys of Adult Albino Rats	Vol. 16 (1), 2023	Esculapio	N

Department of Physiology

National Publications: 44

International Publications: 11

Total Publications: 55

Table 10: Research Publications of the Department of Physiology (2018–2026)

	Faculty Name	National Publications	International Publications	Total Publications	As a 1st Author	As a Co-Author
1.	Dr. Ghulam Hussain	2	0	2	0	2
2.	Dr. Ahmed Murtaz Khalid	6	3	9	7	2
3.	Dr. Aiman Farogh Anjum	21	2	23	7	16
4.	Dr. Hafeez Ullah Wali	5	6	11	2	9
5.	Dr. Awais Amjad	9	0	9	4	5
6.	Dr. Sana Nawab	1	0	1	0	1

Details of Research Articles by the Department of Physiology

Following are the details of research articles published by the faculty of Department of Physiology during 2018-2026:

Table 11: Details of Research Articles by the Department of Physiology (2018–2026)

	Faculty Name	Article Title	Year	Journal	National / International
1.	Dr. Ghulam Hussain	Perception of Peer learning, as an innovative learning strategy among first year medical students lacking senior guidance	Vol. 27 (9), 2020	TPMJ	N
2.	Dr. Ghulam Hussain	Association between Cystatin C, CRP in patients of Diabetic Nephropathy with Type 2 Diabetes	Vol. 16 (3), 2022	PJMHS	N
3.	Dr. Hafeezullah Wazir Wali	Effect of Learning Styles on Self-Esteem and Stress Levels of University Students	Vol. 15 (2), 2021	PJMHS	N
4.	Dr. Hafeezullah Wazir Wali	Association of Self-Esteem with Gender and Medical Year: A Cross-Sectional Study	Vol. 15 (2), 2021	PJMHS	N
5.	Dr. Hafeezullah Wazir Wali	Secretion of Atrial Natriuretic Peptide (ANP), Heart reconditioning and remodeling in elite endurance trained athletes	Vol 15 (11), 2021	PJMHS	N
6.	Dr. Hafeezullah Wazir Wali	Clinical Profiles and Phylogenetic analysis of HIV-1 in newly Diagnosed Patients from Punjab, Pakistan.	Vol 31 (1), 2024	J Popul Ther Clin Pharmacol	Int
7.	Dr. Hafeezullah Wazir Wali	Effect of Maximal Exercise on the Heart Rate, Blood Pressure and Level of Cardiac Remolding in Elite Athletes. International	Vol 4 (5), 2024	J Med Sci Clin Res Stud	Int

8.	Dr. Hafeezullah Wazir Wali	Relationship Between Cigarette Smoking with Vitals of Young Male Adults in District Hyderabad, Sindh	Vol. 18 (4), 2024	APMC	N
9.	Dr. Hafeezullah Wazir Wali	Synergistic Collaboration of Pharmacists and Nurses in Enhancing Patient Care	Vol 18 (4), 2024	Asian J Pharm	Int
10.	Dr. Hafeezullah Wazir Wali	Prevalence rate corresponding to signs Symptoms and Risk Factors of Parkinson's disease Patients in District Abbottabad, Khyber Pakhtunkhwa, Pakistan.	Vol 53 (3), 2024	Cuest. fisioter	Int
11.	Dr. Hafeezullah Wazir Wali	Public Health Response and Control Measures for Monkey-pox Virus Outbreaks." A review of past and present outbreak responses, highlighting successes, challenges, and lessons learned.	Vol 14, 2025	J Neonatal Surg	Int
12.	Dr. Hafeezullah Wazir Wali	Fabrication and Characterization of Novel Hydrogel and its Antibacterial Activity: Possible Treatment of Seborrheic Dermatitis.	Vol 19 (2), 2025	J Pure Appl Microbiol	Int
13.	Dr. Hafeezullah Wazir Wali	Highlights on the recent clinical studies and inventions in the use of natural products in the management of Covid-19	Vol 9 (2), 2025	Int J Anat Morphol	Int
14.	Dr. Ahmed Murtaz Khalid	The need for structured patient education in improving treatment outcome in chronic lifelong diseases.	Vol. 1 (1), 2025	PAMS	N
15.	Dr. Ahmed Murtaz Khalid	Frequently misdiagnosed condition can be identified earlier by looking at phenotypic features.	Vol. 16 (1), 2025	JUMDC	N
16.	Dr. Ahmed Murtaz Khalid	Amblyopia Screening in Pakistan: A Public Health Review and Policy Perspective.	Vol. 15 (2), 62–66, 2025	Ophthalmol Pak J	N

17.	Dr. Ahmed Murtaz Khalid	Exploring the landscape of latent autoimmune diabetes and Maturity onset diabetes of the Young in Africa: A scoping review.	Vol. 12, 2023	F1000 Research	Int
18.	Dr. Ahmed Murtaz Khalid	Stress levels among preclinical medical students and their coping strategies	Vol. 14 (1), 2023	JUMDC	N
19.	Dr. Ahmed Murtaz Khalid	Impact of learning portfolio in structuring routine of medical students during COVID-19 lockdown period	Vol. 46 (2), 434-437, 2021	RMJ	N
20.	Dr. Ahmed Murtaz Khalid	Behavioral trends of medical institution employees in adhering to COVID-19 preventive strategies	Vol. 6 (03), 698-701, 2021	RMJ	N
21.	Dr. Ahmed Murtaz Khalid	Seroprevalence of COVID-19 and its associated factors in a medical in a medical institution in Pakistan	Vol. 16 (4), 619-623, 2021	J Taibah Univ Med Sci	Int
22.	Dr. Ahmed Murtaz Khalid	Perceptions of medical students in Pakistan, KSA, and the US regarding the significance of Case-Based Learning	Vol 16 (3), 2021	J Taibah Univ Med Sci	Int
23.	Dr. Aiman Frogh Anjum	The Effect of Virtual Rehabilitation and Constraint Induced Movement Therapy (CIMT) on Improving Upper Extremity Motor Activity Post-Stroke	Vol. 12 (3), 2017	JIMC	N
24.	Dr. Aiman Frogh Anjum	Perception of Peer Learning as an Innovative Strategy Among First Year Medical Students	Vol. 27 (9), 1895-1901, 2020	TPMJ	N
25.	Dr. Aiman Frogh Anjum	The Connotation of Variances in the Risk Predictors, Medications, Homocysteine, and Homocysteine Pathway Genes with Cerebrovascular Accidents	Vol. 7 (4), 113-120, 2020	Glob Med Genet Genomics Int	Int

26.	Dr. Aiman Frogh Anjum	Effects of Virtual Rehabilitation and Constraint-Induced Movement Therapy on Brain-Derived Neurotrophic Factor (BDNF)-Mediated Motor Improvement in Stroke Patients.	Vol. 10 (1), 2020	JUBMDC	N
27.	Dr. Aiman Frogh Anjum	Ameliorative effects of Withania Coagulans and Metformin on Ovarian Morphology in Polycystic Ovarian Disease Induced Rats.	Vol. 10 (1), 2021	JIMDC	N
28.	Dr. Aiman Frogh Anjum	Association between BMI, Waist Circumference and Prehypertension among Adults	Vol. 28 (5), 2021	TPMJ	N
29.	Dr. Aiman Frogh Anjum	Seroprevalence of COVID-19 and Associated Factors in a Medical Institution in Pakistan	Vol. 16 (4), 2021	JTUMED	N
30.	Dr. Aiman Frogh Anjum	Behavioral trends of medical institution employees in adhering to COVID-19 preventive strategies	Vol. 46 (3), 2021	RMJ	N
31.	Dr. Aiman Frogh Anjum	The risk stratification of coronary vascular disease as linked to homocysteine, its modulating genes, genetic polymorphisms, conventional predictors, and with antihypertensive medicaments	Vol. 64 (6), 2021	Chin J Physiol	Int
32.	Dr. Aiman Frogh Anjum	Role of exercise in modulating Autonomic response to Psychological Stress	Vol. 47 (1), 2022	RMJ	N
33.	Dr. Aiman Frogh Anjum	Correlation of sleep quality and psychological parameters among health care students.	Vol. 47 (4), 2022	RMJ	N
34.	Dr. Aiman Frogh Anjum	Does Gender and Locality Impact Dysfunctional Anxiety Caused by the Coronavirus Pandemic? A Cross-	Vol. 30 (1), 2023	IMJ	N

		Sectional Study of the Residents of Hyderabad, Pakistan.			
35.	Dr. Aiman Frogh Anjum	Feto-maternal outcomes in patients undergoing trial of labor following prior caesarean delivery at a secondary care obstetric facility in Pakistan.	Vol. 48 (1), 2023	RMJ	N
36.	Dr. Aiman Frogh Anjum	Major Predictor of Depression among Medical Students: Body Mass Index	Vol. 15 (4), 790-792, 2021	PJMHS	N
37.	Dr. Aiman Frogh Anjum	The Impact of Covid-19 Lockdown on Metamemory among Medical Students: An Experimental Study	Vol. 15 (5), 1014-1016, 2021	PJMHS	N
38.	Dr. Aiman Frogh Anjum	Effect of Aqueous Extract of Withania Coagulans and Metformin on Gonadotropin Levels in Polycystic Ovarian Rats	Vol. 15 (4), 2021	PJMHS	N
39.	Dr. Aiman Frogh Anjum	The Impact of Body Mass Index, Age and Gender on Dispositional Mindfulness amongst Medical Students	Vol. 15 (4), 2021	PJMHS	N
40.	Dr. Aiman Frogh Anjum	The Influence of Covid-19 Lockdown on Body Mass Index, Depression, Anxiety and Stress among Medical Students.	Vol.12 (3), 2021	PJMHS	N
41.	Dr. Aiman Frogh Anjum	Correlation between Atopy and COVID-19: A Cross-Sectional Study	Vol. 15 (5), 2021	PJMHS	N
42.	Dr. Aiman Frogh Anjum	Prevalence of Secondary Hyperparathyroidism in Hemo-Dialysis Patients	Vol. 38 (1), 2024	SZMC	N
43.	Dr. Aiman Frogh Anjum	Comparative Analysis of Barriers and Challenges in Adoption of Electronic Health Record System in Government and Private Hospitals	Vol. 28 (2), 2024	JRMC	N

		of Islamabad: Analysis of Barriers and challenges in Adoption of Electronic Health Record System			
44.	Dr. Aiman Frogh Anjum	Is there any relationship of serum Growth Differentiation Factor 15 and Iron Profile with Age?	Vol. 6 (1), 2024	JAFMDC	N
45.	Dr. Aiman Frogh Anjum	Unlocking the Code: Exploring Autism Spectrum Traits among Medical Students through the Lens of Blood Group Phenotypes	Vol. 5 (5), 2024	Lif Sci	N
46.	Dr. Awais Amjad	Efficacy Comparison of Acitretin Versus Narrow Band Ultraviolet B in the Treatment of Psoriasis	Vol. 1 (4), 2023	Sial J Med Sci	N
47.	Dr. Awais Amjad	Comparison of Same-Day Polyethylene Glycol Regimen vs Split-Dose Polyethylene Glycol Regimen for Colonoscopy	Vol. 1 (4), 2023	Sial J Med Sci	N
48.	Dr. Awais Amjad	Prevalence and associated factors of hypertension in young adults: A cross-sectional study	Vol. 31 (1), 2024	TPMJ	N
49.	Dr. Awais Amjad	Prevalence of Secondary Hyperparathyroidism in Hemo-Dialysis Patients	Vol. 38 (1), 2024	SZMC	N
50.	Dr. Awais Amjad	Comparison of Intravenous Diazepam and Intravenous Midazolam for Treatment of Recurrent Febrile Seizures	Vol. 20 (1), 2024	PJP	N
51.	Dr. Awais Amjad	Is there any relationship of serum Growth Differentiation Factor 15 and Iron Profile with Age in end stage renal disease patients	Vol. 6 (1), 2024	JAFMDC	N
52.	Dr. Awais Amjad	Association of HbA1c with diabetic retinopathy in diabetic patients	Vol. 31 (1), 2024	Ann King Edward Univ	N

53.	Dr. Awais Amjad	Prevalence of iron deficiency anemia in hemodialysis patients at NIKD	Vol. 15 (6), 2021	PJHMS	N
54.	Dr. Awais Amjad	Outcome Assessment of Comparison between Surgical Decompression versus Local Corticosteroid Injection in Carpal Tunnel Syndrome	Vol. 16 (1), 2022	PJHMS	N
55.	Dr Sana Nawab	Exploring the effect of sleep quality on the intrahepatic Cholestasis of pregnancy	Vol. 50 (4), 2025	RMJ	N

Department of Biochemistry

National Publications: 20

International Publications: 07

Total Publications: 27

Table 12: Research Publications of the Department of Biochemistry (2018-2026)

	Faculty Name	National Publications	International Publications	Total Publications	As a 1st Author	As a Co-Author
1.	Dr. Aleem UI Haq Khan	0	0	0	0	0
2.	Dr. Sabeen Khalid	6	3	9	2	7
3.	Dr. Urfa Zaryab	9	1	10	3	7
4.	Dr. Aqsa Tazarrat	5	0	5	1	4
5.	Dr Atika Shahzadi	0	3	3	0	3

Details of Research Articles by the Department of Biochemistry

Following are the details of research articles published by the faculty of Department of Biochemistry during 2018-2026:

Table 13: Details of Research Publications of the Department of Biochemistry (2018-2026)

	Faculty Name	Article Title	Year	Journal	National / International
1.	Dr. Sabeen Khalid	Gene expression of Interleukin-18 in rheumatoid arthritis patients on disease modifying anti-rheumatic drug therapy	Vol. 35 (3), 2019	PJMS	N
2.	Dr. Sabeen Khalid	Assessment of Serum Level of Matrix-Metalloproteinase-9, Prostaglandin E-2 and Cyclo-Oxygenase-2 as a Candidate Biomarker of Chronic Obstructive Pulmonary Disease	Vol. 16 (11), 2022	PJMHS	N
3.	Dr. Sabeen Khalid	Association of Increased Oncostatin M with Adverse Left Ventricular Remodeling in Patients with Myocardial Infarction	Vol. 16 (12), 2022	PJMHS	N
4.	Dr. Sabeen Khalid	Effect of Lignocaine on Postoperative Serum Lactate Dehydrogenase and Lactate Levels in Patients Undergoing Bowel Surgery	Vol. 20 (3), 2024	Annals of PIMS	N
5.	Dr. Sabeen Khalid	The predictive validity of serum biochemical markers in case of acute biliary pancreatitis	Vol. 31 (5) 2024	TPMJ	N
6.	Dr. Sabeen Khalid	Effect of lignocaine on postoperative serum lactate dehydrogenase and lactate levels in patients undergoing bowel surgery	Vol. 20 (3), 2024	Annals of PIMS	N

7.	Dr. Sabeen Khalid	The effect of maternal anemia and iron deficiency on fetal erythropoiesis: comparison between serum erythropoietin, hemoglobin and ferritin levels in mothers and newborns	Vol. 32 (4), 2024	J Popul Ther Clin Pharmaco	Int
8.	Dr. Sabeen Khalid	Biochemical basis of genetic disorder: Investigating how mutation in metabolic pathways lead to inherited diseases such as phenylketonuria, cystic fibrosis, and Tay-Sachs	Vol. 12 (12), 2024	Health Aff	Int
9.	Dr. Sabeen Khalid	Investigating the Role of Post-Translational Modifications in Protein Function and Disease Pathogenesis	Vol. 13 (5), 2024	Health Aff	Int
10.	Dr. Urfa Zaryab	Histomorphological Effects of Sodium Arsenite on Cervix of Rats: Experimental Study	Vol. 15 (5), 2021	PJMHS	N
11.	Dr. Urfa Zaryab	Comparative effects of tocopherol and ubiquinol on arsenic induced nephrotoxicity in Sprague Dawley rats	Vol. 35 (4), 2022	PJPS	N
12.	Dr. Urfa Zaryab	Synergistic Efficacy of the Combination of Co Q10 and α -tocopherol Against Arsenic Induced Hepatotoxicity in Sprague Dawley Rats	Vol. 16 (4), 2022	PJMHS	N
13.	Dr. Urfa Zaryab	Cytological and biochemical impact of arsenic exposure on the endocrine system and oestrous cycle of female rats	Vol. 19 (4), 2023	PJP	N
14.	Dr. Urfa Zaryab	Alleviation Of Arsenic Induced Thyroid Dysfunction and Body Weight Alterations by Curcumin	Vol. 20 (3), 2024	PJP	N

15.	Dr. Urfa Zaryab	Impact of Short-Term Arsenic Exposure on Hormonal Balance and Fibrosis in Sprague Dawley Rats	Vol. 5 (2), 2024	Life Sci	N
16.	Dr. Urfa Zaryab	Ameliorating Effects of Arsenic-Induced Toxicity on the Histology of Vagina and Reproductive Hormones of Female Sprague Dawley Rats	Vol. 28 (1), 2024	JRMC	N
17.	Dr. Urfa Zaryab	Shielding effects of corn silk extract against doxorubicin induced Hepatotoxicity in Wistar albino rats	Vol. 21 (1), 2025	PJP	N
18.	Dr. Urfa Zaryab	Histomorphological Effects of Sodium Arsenite on cervix of Rats	Vol. 9 (11), 2020	Int J Basic Clin Pharmacol	Int
19.	Dr. Urfa Zaryab	Barriers to Provide Timely and Constructive Feedback in Undergraduate Medical Education	Vol. 39 (3), 2025	JPMI	N
20.	Dr. Aqsa Tazzarat	Association of NRF2 Gene Polymorphism (RS6721961) with Semen Parameters of Infertile Males in Pakistani Population	Vol. 72 (2), 2022	PAFMJ	N
21.	Dr. Aqsa Tazzarat	Anti hyperlipidemic effect of Oxyresveratrol and Zinc complex versus simvastatin on total cholesterol in hyperlipidemic rat model	Vol. 29 (6), 2022	TPMJ	N
22.	Dr. Aqsa Tazzarat	Association of single nucleotide polymorphism in TPH2 Gene with age of MDD (Major Depressive disorder) cases and controls	Vol. 29 (8), 2022	TPMJ	N
23.	Dr. Aqsa Tazzarat	Association of C(-1019)G with Risk of Development of Major Depression in Diabetics with Respect to Various Pakistani Ethnicities	Vol. 16 (7), 2022	PJMHS	N

24.	Dr. Aqsa Tazzarat	Cardioprotective Effects of Nigella Sativa and Enalapril in Doxorubicin-induced Cardiotoxicity	Vol. 17 (4), 2022	JIMC	N
25.	Dr. Atika Shahzadi	Advancements in Targeted Therapies for the Management of Crohn's Disease: A Comprehensive Review	Vol. 16 (6), 2024	Cureus	Int
26.	Dr. Atika Shahzadi	Diabetes and liver cirrhosis: shared pathways and clinical implications – a narrative review	Vol. 87 (12), 2025	Ann Med Surg	Int
27.	Dr. Atika Shahzadi	Comparison of the Efficacy of Intralesional Ascorbic Acid Mesotherapy and Intralesional Tranexamic Acid in Treating Melasma in the Skin of Color Population	Vol. 17 (7), 2025	Cureus	Int

Department of Pathology

National Publications: 61

International Publications: 05

Total Publications: 66

Table 14: Research Publications of the Department of Pathology (2018-2026)

	Faculty Name	National Publications	International Publications	Total Publications	As a 1st Author	As a Co-Author
1.	Brig. Shoaib Naiyar Hashmi (Retd.)	24	3	27	0	27
2.	Dr. Urwa Sarwar	11	0	11	2	9
3.	Dr. Iram Kehkashan Khurshid	13	0	13	1	12
4.	Dr. Ammarah Mehmood	4	0	4	1	3
5.	Dr. Hira Arif	4	0	4	1	3
6.	Dr. Maira Ijaz	2	2	4	2	2
7.	Dr. Iqra Butt	3	0	3	2	1

Details of Research Articles by the Department of Pathology

Following are the details of research articles published by the faculty of Department of Pathology during 2018-2026:

Table 15: Details of Research Publications of the Department of Pathology (2018-2026)

	Faculty Name	Article Title	Year	Journal	National / International
1.	Brig. Shoaib Naiyar Hashmi (Retd.)	Clinicopathological spectrum of synovial sarcoma at armed forces institute of pathology	Vol. 68 (3), 2018	PAFMJ	N
2.	Brig. Shoaib Naiyar Hashmi (Retd.)	Pregnancy with a Large Leiomyosarcoma -A Case Report & Literature Review Pregnancy with a Large Leiomyosarcoma -A Case Report & Literature Review	Vol. 8 (4), 2018	J Soc Obstet Gynaecol Pak	N
3.	Brig. Shoaib Naiyar Hashmi (Retd.)	Immunohistochemical Expression of Epidermal Growth Factor Receptor in Different Histopathological Grades of Mucoepidermoid Carcinoma of Salivary Glands	Vol. 7 (4), 2018	JIMDC	N
4.	Brig. Shoaib Naiyar Hashmi (Retd.)	Prostate And Breast Cancer: A Comparison of Ck2 Modulation Of C-Myc In Prostate and Breast Cancer	Vol. 25 (5), 2018	TPMJ	N
5.	Brig. Shoaib Naiyar Hashmi (Retd.)	Prostate and Breast Cancer: A Comparison of Ck2 Modulation Of C-Myc in Prostate and Breast Cancer	Vol. 25 (5), 2018	TPMJ	N
6.	Brig. Shoaib Naiyar Hashmi (Retd.)	Cyclin d1 protein expression in various grades of salivary Mucoepidermoid carcinoma	Vol. 69 (4), 2019	PAFMJ	N

7.	Brig. Shoaib Naiyar Hashmi (Retd.)	Simvastatin Induced Histomorphological Changes in Skeletal Muscle Fiber of Rats and Protective Effect of Formoterol Coadministration	Vol. 69 (3), 2019	PAFMJ	N
8.	Brig. Shoaib Naiyar Hashmi (Retd.)	Frequency Determination of Negative Appendectomy and Unusual Findings of Acute Appendicitis: A Retrospective Study	Vol. 30 (1), 2019	Pak J Pathol	N
9.	Brig. Shoaib Naiyar Hashmi (Retd.)	Perception of Peer learning, as an innovative learning strategy among first year medical students lacking senior guidance	Vol. 27 (9), 2019	TPMJ	N
10.	Brig. Shoaib Naiyar Hashmi (Retd.)	The connotation of variances in the risk predictors, medications, homocysteine, and homocysteine pathway gene polymorphisms with cva/stroke	Vol. 7 (4), 2019	Glob Med Genet	Int
11.	Brig. Shoaib Naiyar Hashmi (Retd.)	Major predictor of depression among medical students: body mass index	Vol. 15 (4), 2020	PJMHS	N
12.	Brig. Shoaib Naiyar Hashmi (Retd.)	The impact of body mass index, age and gender on dispositional mindfulness amongst medical students	Vol. 15 (4), 2021	PJMHS	N
13.	Brig. Shoaib Naiyar Hashmi (Retd.)	Perceptions of female medical students about practicing in rural areas	Vol. 15 (5), 2021	PJMHS	N
14.	Brig. Shoaib Naiyar Hashmi (Retd.)	Association between BMI, waist circumference and prehypertension among adults	Vol. 28 (5), 2021	PJMHS	N
15.	Brig. Shoaib Naiyar Hashmi (Retd.)	The influence of covid-19 lockdown on body mass index,	Vol. 15 (5), 2021	PJMHS	N

		depression, anxiety and stress among medical students			
16.	Brig. Shoaib Naiyar Hashmi (Retd.)	Correlation between atopy and covid-19: a cross-sectional study	Vol. 15 (5), 2021	PJMHS	N
17.	Brig. Shoaib Naiyar Hashmi (Retd.)	Misconceptions about blood donation among CMH Kharian medical college employees	Vol. 15 (5), 2021	PJMHS	N
18.	Brig. Shoaib Naiyar Hashmi (Retd.)	The impact of covid-19 lockdown on metamemory among medical students: an experimental study	Vol. 15 (5), 2021	PJMHS	N
19.	Brig. Shoaib Naiyar Hashmi (Retd.)	Impact of BMI on covid-19 clinical features and its management: a cross-sectional study	Vol. 15 (6), 2021	PJMHS	N
20.	Brig. Shoaib Naiyar Hashmi (Retd.)	Age and Gender-Based Differences in Covid-19 Clinical Features and Management: A cross-sectional study	Vol. 15 (6), 2021	PJMHS	N
21.	Brig. Shoaib Naiyar Hashmi (Retd.)	The Influence of Covid-19 Lockdown on Body Mass Index, Depression, Anxiety and Stress among Medical Students	Vol. 16 (12), 2022	PJMHS	N
22.	Brig. Shoaib Naiyar Hashmi (Retd.)	Immunohistochemical Expression of Cyclin D1 and Ki-67 in Primary and Metastatic Oral Squamous Cell Carcinoma	Vol. 35 (1), 2023	JAMC	N
23.	Brig. Shoaib Naiyar Hashmi (Retd.)	Factors affecting Quality of Life (QOL) in students during study in medical institution	Vol. 30 (10), 2023	TPMJ	N
24.	Brig. Shoaib Naiyar Hashmi (Retd.)	Determination of il-6 gene promoter polymorphism in patients with hepatitis c and its impact on RNA secondary structure	Vol. 60 (3), 2025	Medicina	Int

25.	Brig. Shoaib Naiyar Hashmi (Retd.)	Unlocking the code: exploring autism spectrum traits among medical students through the lens of blood group phenotypes	Vol. 5 (3), 2024	Lif Sci	N
26.	Brig. Shoaib Naiyar Hashmi (Retd.)	Correlation of tnf- α and il-6 expression with vitamin d levels in insulin-resistant type 2 diabetes mellitus patients: exploring the role of vitamin d in inflammation and disease pathogenesis	Vol. 26 (1), 2025	BMC Immunology	Int
27.	Brig. Shoaib Naiyar Hashmi (Retd.)	Perception of peer learning, as an innovative learning strategy among first year medical students lacking senior guidance	2020	PMJ	N
28.	Dr. Urwa Sarwar	Histopathological Spectrum of Salivary Gland Lesions Reported at a Tertiary Care Hospital, Kharian Cantt, Pakistan.	Vol. 14 (3), 2025	Pak. J. Med. Dent.	N
29.	Dr. Urwa Sarwar	Impact of Short-Term Arsenic Exposure on Hormonal Balance and Fibrosis in Sprague Dawley Rats.	Vol. 5 (2), 2024	Lif Sci	N
30.	Dr. Urwa Sarwar	Accuracy of Testicular Fine Needle Aspiration Cytology to rule out Obstructive and non-obstructive Azoospermia.	Vol. 20 (4), 2024	Ann PIMS	N
31.	Dr. Urwa Sarwar	Khan SH, Shah MA, Shahid R, Sarwar U. Utility of TyG index in gestational diabetes mellitus.	Vol. 47, 2022	RMJ	N
32.	Dr. Urwa Sarwar	Celiac Disease Diagnosis Via Histopathological Correlation of Duodenal Biopsies in Children.	Vol. 16 (11), 2022	PJMHS	N
33.	Dr. Urwa Sarwar	Biochemical and Histophysiological impact of	Vol. 16 (3), 2022	PJMHS	N

		Curcumin on Breast Cancer. A Cross-Sectional Clinical Study			
34.	Dr. Urwa Sarwar	Malignancies in the Parotid Glands: A Histopathological Analysis	Vol. 17 (2), 2023	PJMHS	N
35.	Dr. Urwa Sarwar	Clinical correlation between cervical cancer screening using Pap smear test	Vol. 16 (7), 2022	PJMHS	N
36.	Dr. Urwa Sarwar	Association between Cystatin C, CRP in patients of Diabetic Nephropathy with Type 2 Diabetes Mellitus	Vol. 16 (3), 2022	PJMHS	N
37.	Dr. Urwa Sarwar	Albumin and Sex Hormone Binding Globulin based Testosterone Indices in Polycystic Ovarian Syndrome	Vol. 74 (6), 2024	PAFMJ	N
38.	Dr. Urwa Sarwar	Association between Cystatin C, CRP in patients of Diabetic Nephropathy with Type 2 Diabetes Mellitus	Vol. 16 (3), 2022	PJMHS	N
39.	Dr. Iram Khurshid	Determination of Mean HbA2 Levels by High-Performance Liquid Chromatography in Individuals with Known Beta Thalassemia Trait	Vol. 4 (1), 2024	J Haematol Stem Cell Res	N
40.	Dr. Iram Khurshid	Mean Platelet Volume in Patients of Acute Coronary Syndrome	Vol. 4 (1), 2024	J Haematol Stem Cell Res	N
41.	Dr. Iram Khurshid	Ameliorating Effects of Arsenic-Induced Toxicity on the Histology Of Vagina And Reproductive Hormones Of Female Sprague Dawley Rats	Vol. 28 (1), 2024	JRMC	N
42.	Dr. Iram Khurshid	Occurrence Rate Of High-Risk Histological Features In Primary Eucleation Specimens Of	Vol. 36 (4), 2024	JAMC	N

		Pediatric Retinoblastoma Patients: A Local Experience			
43.	Dr. Iram Khurshid	Accuracy of Testicular Fine Needle aspiration cytology to differentiate Between Obstructive and Non-Obstructive Azoospermia	Vol. 20 (4), 2024	Ann PIMS	N
44.	Dr. Iram Khurshid	Relationship Between Class Attendance, Sendup Exams and Professional Performance in Special Pathology for fourth year Medical Students	Vol. 13 (3), 2023	J Soc Obstet Gynaecol Pak	N
45.	Dr. Iram Khurshid	Frequency And Histopathological Characteristics of Malignant Tumors Reported at Tertiary Care Hospital	Vol. 17 (11), 2023	PJMHS	N
46.	Dr. Iram Khurshid	Diagnostic Utility of Calretinin Immunohistochemistry for the Diagnosis of Hirschsprung's Disease	Vol. 17 (3), 2022	JIMC	N
47.	Dr. Iram Khurshid	P53 and Ki-67 Expression in Papillary Urothelial Carcinomas of Urinary Bladder, An Experience at Foundation University Medical College Islamabad, Pakistan	Vol. 16 (2), 2021	JIMC	N
48.	Dr. Iram Khurshid	N-Acetyl Cysteine Ameliorates Hepatotoxicity Associated with the Use of Methotrexate in Mice	Vol. 15 (5), 2021	PJMHS	N
49.	Dr. Iram Khurshid	Frequency and Spectrum of Non-Malignant Lesions in Abdominal Hysterectomy Specimens	Vol. 11 (3), 2021	JBUMC	N
50.	Dr. Iram Khurshid	N-Acetyl Cysteine Ameliorates Hepatotoxicity Associated with the use of Methotrexate in Mice	Vol. 15 (5), 2021	PJMHS	N

51.	Dr. Iram Khurshid	Cdx-2 Expression in Colorectal Cancer: A Single Centre Study from Pakistan	Vol. 23 (3), 2019	JRMC	N
52.	Dr. Iqra Butt	Association of serum albumin and total protein levels with lymphopenia in COVID-19 infection at a tertiary care hospital in Pakistan	Vol. 23 (2), 2022	Pak J Pathol	N
53.	Dr. Iqra Butt	Association of E cadherin with histological type and grade of gastric adenocarcinoma	Vol. 20 (2), 2024	Ann of PIMS	N
54.	Dr. Iqra Butt	Expression of p53 as a Prognostic Marker in low and high-grade Urothelial Carcinoma: A Cross-Sectional Analysis	Vol. 20 (4), 2024	Ann of PIMS	N
55.	Dr. Ammarah Mehmood	Assessment Of Adequate Blood Culture Incubation Time To Accentuate Clinically Relevant Results From Blood Culture Instrument And Media System In A tertiary Care Hosp Lahore	Vol. 4 (2), 2024	J Health Rehabil Res	N
56.	Dr. Ammarah Mehmood	Spectrum of Lower Respiratory Bacterial Pathogens and their Antimicrobial Susceptibility in a Tertiary care hospital in Rawalpindi	Vol. 20 (3), 2024	Ann PIMS	N
57.	Dr. Ammarah Mehmood	Safety and Clinical Response in Ankylosing Spondylitis after Three Months of Etanercept Therapy	Vol. 74 (4), 2024	PAFMJ	N
58.	Dr. Ammarah Mehmood	Outcome of Non-Invasive Ventilation in Severe Corona Virus Disease of 2019 Patients	Vol. 18 (3), 2022	Ann PIMS	N
59.	Dr. Hira Arif	Risk Factors and Outcome of Neonatal Thrombocytopenia	Vol. 24 (3), 2020	JRMC	N

60.	Dr. Hira Arif	Exploring the Impact of 12-week Direct Acting Antiviral Therapy on Laboratory Parameters in HCV Patients: A Comparative Study	Vol. 35 (2), 2024	Medical For	N
61.	Dr. Hira Arif	Occurrence rate of high-risk histological features in primary enucleation Specimens of pediatric retinoblastoma: A local experience	Vol. 36 (4), 2024	JAMC	N
62.	Dr. Hira Arif	Histopathological spectrum of salivary gland lesions reported at a tertiary care hospital, Kharian Cantt, Pakistan	Vol. 14 (3), 2025	Pak J Med Dent	N
63.	Dr. Maira Ijaz	Evaluating The Role of Immature Platelet Fraction in Platelet engraftment in hematopoietic stem cell transplantation	Vol. 3 (3), 2025	Insights J Health Rehabil	N
64.	Dr. Maira Ijaz	Evaluation of sodium citrate anticoagulant for the Resolution of EDTA-Dependent Pseudo-Thrombocytopenia	Vol. 35 (4), 2023	JAMC	N
65.	Dr. Maira Ijaz	Early hematological indicators of severe COVID-19 disease in hospitalized patients: Data from a South Asian population	Vol. 43 (5), 2021	Int J Lab Hematol	Int
66.	Dr. Maira Ijaz	A Case of Systemic Lupus Erythematosus Presenting as Pure Red Cell Aplasia	Vol. 20 (2), 2021	Int J Hematol Oncol Stem Cell Res	Int

Department of Forensic Medicine

National Publications: 05

International Publications: 01

Total Publications: 06

Table 16: Research Publications of the Department of Forensic Medicine (2018-2026)

	Faculty Name	National Publications	International Publications	Total Publications	As a 1st Author	As a Co-Author
1.	Dr. Maria Safdar	3	1	4	2	2
2.	Dr. Fozia Bibi	2	0	2	2	0

Details of Research Articles by the Department of Forensic Medicine

Following are the details of research articles published by the faculty of Department of Forensic Medicine during 2018-2026:

Table 17: Details of Research Publications of the Department of Forensic Medicine (2018-2026)

	Faculty Name	Article Title	Year	Journal	National / International
1.	Dr. Maria Safdar	Role of scenarios in improving effectiveness of large group lecture format	Vol. 4 (3), 2021	Pak J Educ Res	N
2.	Dr. Maria Safdar	Suicide by poisoning in Pakistan: review of regional trends, toxicity and management of commonly used agents in the past three decades	17 June 2021	Cambridge University Press	Int
3.	Dr. Maria Safdar	Medicolegal Examination of Sexual Assault Survivors	Vol. 32 (3), 2023	Med For	N
4.	Dr. Maria Safdar	A Comparative Study on Mortality of Trauma – Our Experience in Peshawar	Vol. 4 (1), 2023	Lif Sci	N
5.	Dr. Fozia Bibi	Correlation of Stature with maximum head length of male Adults of upper Punjab	Vol. 19 (3), 2023	PJP	N
6.	Dr. Fozia Bibi	Correlation of Stature with Head Circumference of Male Adults of Upper Punjab	Vol. 20 (1), 2024	Esculapio	N

Department of Pharmacology

National Publications: 54

International Publications: 02

Total Publications: 56

Table 18: Research Publications of the Department of Pharmacology (2018–2026)

	Faculty Name	National Publications	International Publications	Total Publications	As a 1st Author	As a Co-Author
1.	Dr. Usman Nawaz	16	0	16	6	10
2.	Col. Dr. Waqar Aslam	17	0	17	6	11
3.	Dr. Mushayada Irshad	6	0	6	2	4
4.	Dr. Fatima Muhammadi	5	0	5	1	4
5.	Dr. Novera Sohail Bajwa	6	0	6	3	3
6.	Dr. Hammad Ahmed Butt	2	1	3	0	3
7.	Dr. Ayesha Laraib	2	0	2	0	2
8.	Dr. Rumsha Zubair	0	1	1	0	1

Details of Research Articles by the Department of Pharmacology

Following are the details of research articles published by the faculty of Department of Pharmacology during 2018-2026:

Table 19: Details of Research Articles by the Department of Pharmacology (2018–2026)

	Faculty Name	Article Title	Year	Journal	National / International
1.	Dr. Usman Nawaz	Effect of Smoking on Antiplatelet Action of Clopidogrel in Patients with Ischemic Heart Disease	Vol. 74 (6), 2024	PAFMJ	N
2.	Dr. Usman Nawaz	Association of Cyclooxygenase 2 (COX2) Polymorphism at SNP rs20417 with Aspirin Resistance in Pakistani Patients with Ischemic Heart Disease	Vol. 74 (3), 2024	PAFMJ	N
3.	Dr. Usman Nawaz	Association of Cyclooxygenase 1 (COX1) Polymorphism at SNP rs1330344 with Aspirin Resistance in Pakistani Patients of Ischemic Heart Disease	Vol. 74 (2), 2024	PAFMJ	N
4.	Dr. Usman Nawaz	Comparison of Intravenous Diazepam and Intravenous Midazolam for Treatment of Recurrent Febrile Seizures	Vol. 20 (1), 2024	PJP	N
5.	Dr. Usman Nawaz	Cytochrome P-450 CYP2C19 genetic polymorphism and its relation with clopidogrel resistance	Vol. 74 (13), 2024	PAFMJ	N
6.	Dr. Usman Nawaz	Association of clopidogrel resistance with ethnicity in Pakistan	Vol. 30 (12), 2023	TPMJ	N
7.	Dr. Usman Nawaz	Effectiveness of HIV Pre-Exposure Prophylaxis (Prep) in Pakistan	Vol. 18 (1), 2023	JIMC	N

8.	Dr. Usman Nawaz	Pharmacovigilance – a neglected area of healthcare industry in Pakistan	Vol. 48 (1), 2023	RMJ	N
9.	Dr. Usman Nawaz	Clopidogrel resistance and its relation with age and gender	Vol. 15 (1), 2019	PJP	N
10.	Dr. Usman Nawaz	Comparing neutrophil gelatinase associated lipocalin with creatinine to detect renal injury PCI	Vol. 44 (2), 2019	RMJ	N
11.	Dr. Usman Nawaz	Exploring lipid lowering activity of Cassia fistula and simvastatin in hyperlipidemic mice	Vol. 10 (2), 2019	JUMDC	N
12.	Dr. Usman Nawaz	Vitamin D status among pregnant women attending Gynecology and Obstetrics department of Railway Hospital, Rawalpindi, Pakistan	Vol. 44 (3), 2019	RMJ	N
13.	Dr. Usman Nawaz	Association of body mass index with clopidogrel resistance	Vol. 14 (3), 2018	PJP	N
14.	Dr. Usman Nawaz	Aspirin resistance: An emerging threat to cardiovascular disease patients and its association with age and gender	Vol. 51 (2), 2018	PHJ	N
15.	Dr. Usman Nawaz	Impact of smoking on antiplatelet effects of aspirin	Vol. 13 (3), 2018	PJP	N
16.	Dr. Usman Nawaz	Screening of Cassia sophera for antidiabetic activity in normal and alloxan treated diabetic rabbits	Vol. 24 (4), 2018	TPMJ	N
17.	Dr. Waqar Aslam	Impact of Short-Term Arsenic Exposure on Hormonal Balance and Fibrosis in Sprague Dawley Rats	Vol. 5 (4), 2024	PAFMJ	N
18.	Dr. Waqar Aslam	Effects of smoking on antiplatelet action of clopidogrel in patients with ischemic heart disease	Vol. 74 (6), 2024	PAFMJ	N

19.	Dr. Waqar Aslam	Effect of oral ondansetron on gastrointestinal transit time when used in combination with oral rehydration therapy in acute gastroenteritis	Vol. 49 (3), 2024	RMJ	N
20.	Dr. Waqar Aslam	Effectiveness of HIV Pre-Exposure Prophylaxis (PrEP) in Pakistan	Vol. 18 (1), 2023	JIMC	N
21.	Dr. Waqar Aslam	Comparative Study of Metformin, N-Acetylcysteine and L-Arginine on Hyperglycemia in Streptozotocin-Induced Diabetic Rats	Vol. 16 (2), 2022	PJMHS	N
22.	Dr. Waqar Aslam	The hyperglycemic and dyslipidemic effects of L-arginine in streptozotocin-induced diabetic rats	Vol. 16 (2), 2023	JFMU	N
23.	Dr. Waqar Aslam	Radiographic Comparative Regenerative Effects of Hyaluronate and Piroxicam in Osteoarthritis Models of Rats	Vol. 18 (3), 2022	PJP	N
24.	Dr. Waqar Aslam	Effects of Metformin and N-Acetylcysteine on Dyslipidemia in Streptozocin-Induced Diabetic Rats	Vol. 12 (2), 2022	PJMHS	N
25.	Dr. Waqar Aslam	Evaluation of chondroprotective efficacy of triamcinolone in osteoarthritis induced rat model	Vol. 12 (2), 2021	JUMDC	N
26.	Dr. Waqar Aslam	Predictive Markers of First Line Failure of Anti-Retroviral Therapy in HIV Positive Patients in Pakistan	Vol. 15 (12), 2021	PJMHS	N
27.	Dr. Waqar Aslam	Evaluation of Chondroprotective Effects of Hyaluronic Acid in a Rat Model of Osteoarthritis	Vol. 71 (6), 2021	PAFMJ	N
28.	Dr. Waqar Aslam	Inappropriate antibiotic use for respiratory infections in outpatient settings	Vol. 15 (2), 2021	JFMU	N

29.	Dr. Waqar Aslam	Radiographic evaluation and comparison of chondroprotective effects of hyaluronic acid and triamcinolone in a rat model of osteoarthritis	Vol. 16 (3), 2021	JIIMC	N
30.	Dr. Waqar Aslam	The effect of high dose and low dose pregabalin as premedication on preoperative anxiety and sedation levels	Vol. 71 (5), 2021	PAFMJ	N
31.	Dr. Waqar Aslam	Novel protective role of montelukast against aspirin induced gastric ulceration in rabbits – montelukast; a revolutionary aspect	Vol. 69 (5), 2019	PAFMJ	N
32.	Dr. Waqar Aslam	Carvedilol as a valuable hepatoprotective agent against methotrexate-induced damage chiefly due to its anti-oxidant inheritance	Vol. 15 (2), 2019	PJP	N
33.	Dr. Waqar Aslam	Role of Oral Ondansetron as an Adjunct to Oral Rehydration Therapy in Acute Gastroenteritis	Vol. 68 (4), 2018	PAFMJ	N
34.	Dr. Mushayada Irshad	Correlation between androgenetic alopecia and severity of COVID-19 disease	Vol. 72 (3), 2022	PAFMJ	N
35.	Dr. Mushayada Irshad	Comparison of the Efficacy of Topical Clobetasol Propionate 0.05% and Emolient versus Topical Clobetasol Propionate 0.05%, Emolient and Oral Vitamin D Supplement in the Treatment of Atopic Dermatitis	Vol. 3 (4), 2025	Indus J Biosci Res	N
36.	Dr. Mushayada Irshad	Comparative Effects of Azithromycin and Probiotics for Treatment of Acne Vulgaris	Vol. 33 (5), 2023	JCPSP	N

37.	Dr. Mushayada Irshad	Comparative effects of Nigella sativa and Enalapril in Doxorubicin induced Cardiotoxicity	Vol. 48 (2), 2023	RMJ	N
38.	Dr. Mushayada Irshad	Efficacy of Autoinoculation in Treatment of Multiple Viral Warts - A Single Arm Study	Vol. 33 (2), 2023	JCPSP	N
39.	Dr. Mushayada Irshad	Factors associated with COVID-19 vaccine hesitancy in general population of Rawalpindi/Islamabad: a cross-sectional study	Vol. 2, 2021	RJRMU	N
40.	Dr. Fatima Muhammadi	Comparison of Effects of Probiotics and Sitagliptin on Serum Glucose in Diabetic Rats	Vol. 4 (17), 2021	PJP	N
41.	Dr. Fatima Muhammadi	Hepatoprotective Effect of Zinc Complex of Betulinic Acid n Pyrazinamide Induced Hepatotoxicity in Mice	Vol. 3 (19), 2023	PJP	N
42.	Dr. Fatima Muhammadi	Comparative effects of Nigella sativa and Enalapril in Doxorubicin induced Cardiotoxicity	Vol. 48 (2), 2023	RMJ	N
43.	Dr. Fatima Muhammadi	Protective Effects of Silymarin & Cholecalciferol on Isoniazid Induced Hepatotoxicity in Mice	Vol. 1 (20), 2024	PJP	N
44.	Dr. Fatima Muhammadi	Evaluation of Antibiotic Susceptibility Patterns of Bacterial Pathogens in Clinical Specimens	Vol. 15 (1), 2025	JPUMHS	N
45.	Dr. Novera Sohail Bajwa	Effects of Metformin and N-Acetylcysteine on Dyslipidemia in Streptozotocin-Induced Diabetic Rats	Vol. 16 (5), 2022	PJMHS	N
46.	Dr. Novera Sohail Bajwa	Comparative Study of Metformin, N-Acetylcysteine and L-Arginine on Hyperglycemia in Streptozotocin-Induced Rats	Vol. 16 (2), 2022	PJMHS	N

47.	Dr. Novera Sohail Bajwa	Evaluation of chondroprotective efficacy of triamcinolone in osteoarthritis induced rat model	Vol. 12 (2), 2021	JUMDC	N
48.	Dr. Novera Sohail Bajwa	Knowledge of Malaria and Preventive Behavior Amongst Allied Healthcare Workers at the Central African Republic	Vol. 73 (1), 2023	PAFMJ	N
49.	Dr. Novera Sohail Bajwa	The hyperglycemic and dyslipidemic effects of L-arginine in streptozotocin-induced diabetic rats	Vol. 16 (2), 2022	JFJMU	N
50.	Dr. Novera Sohail Bajwa	Evaluation of the Effect of Nebivolol in Bone Defect Healing in An Experimental Rat Model	Vol. 73 (5), 2023	PAFMJ	N
51.	Dr. Hammad Ahmed Butt	Evaluation and identification of essential therapeutic proteins and vaccinomics approach towards multi-epitopes vaccine designing against Legionella pneumophila for immune response instigation	Vol. 143, 2022	Comput Biol Med	Int
52.	Dr. Hammad Ahmed Butt	Impact of Short-Term Arsenic Exposure on Hormonal Balance and Fibrosis in Sprague Dawley Rats	Vol. 5 (2), 2024	Lif Sci	N
53.	Dr. Hammad Ahmed Butt	The Effects of Moringa Oleifera Leaves Extract on Histological Changes Induced in the Distal Convoluted Tubules of the Kidneys of Adult Albino Rats by Bisphenol	Vol. 39 (2), 2025	JPMI	N
54.	Dr. Ayesha Laraib	Pharmacogenetic-guided dosing of anti-tuberculosis drugs in mdr-tb patients	Vol. 3 (12), 2025	Res Med Sci Rev	N
55.	Dr. Ayesha Laraib	Long-term cardiovascular risk in women with PCOs	Vol. 3 (9), 2025	FMHR	N
56.	Dr. Rumsha Zubair	Correlation of TNF- α and IL-6 expression with vitamin D levels in	Vol. 26 (68), 2025	BMC Immunology	Int

		insulin-resistant type2 diabetes mellitus patients: exploring the role of vitamin D in inflammation and disease pathogenesis			
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Department of Community Medicine

National Publications: 44

International Publications: 13

Total Publications: 57

Table 20: Research Publications of the Department of Community Medicine (2018–2026)

	Faculty Name	National Publications	International Publications	Total Publications	As a 1st Author	As a Co-Author
1.	Dr. Iffat Naiyar	17	2	19	5	14
2.	Dr. Tahir Mehmood	13	0	13	0	13
3.	Dr. Muhammad Azhar	9	11	20	1	19
4.	Dr. Wajeeha Najeeb	5	0	5	2	3

Details of Research Publications of the Department of Community Medicine

Following are the Details of Research Publications of the Department of Community Medicine during 2018-2026:

Table 21: Details of Research Publications of the Department of Community Medicine (2018–2026)

	Faculty Name	Article Title	Year	Journal	National / International
1.	Dr. Iffat Naiyar	Diagnostic Utility of Bone Marrow Examination in Patients with Splenomegaly Referred for Hematological Evaluation	Vol. 28 (1), 2024	Med For Mon	N
2.	Dr. Iffat Naiyar	High Contribution of Male Partners to Infertility Issues	Vol. 14 (1), 2024	JSOGP	N
3.	Dr. Iffat Naiyar	Assess the awareness of governmental health insurance programs among the public	Vol. 49 (1), 2024	RMJ	N
4.	Dr. Iffat Naiyar	Association of Neonatal Outcome with Maternal Thyroid Dysfunction	Vol. 14 (2), 2024	JSOGP	N
5.	Dr. Iffat Naiyar	Optimizing Implanon Use in Pakistan: A Cross-Sectional Study on User Satisfaction and Discontinuation Factors	Vol. 14 (2), 2024	JSOGP	N
6.	Dr. Iffat Naiyar	Assessment of New Inflammatory Marker for Diabetic kidney disease in Type 2 Diabetic Patients	Vol. 49 (4), 2024	RMJ	N
7.	Dr. Iffat Naiyar	Assessment of BMI and Associated factors in medical students; A cross sectional study	Vol. 49 (4), 2024	RMJ	N
8.	Dr. Iffat Naiyar	Exploring Perspectives of Basic and Clinical Sciences Medical Students on Research	Vol. 74 (4), 2024	PAFMJ	N

9.	Dr. Iffat Naiyar	Factors Affecting Quality of Life (QOL) in Students during Study in Medical Institution	Vol. 30 (10), 2023	TPMJ	N
10.	Dr. Iffat Naiyar	Perceptions of Medical Students in Pakistan, KSA, and the US Regarding the Significance of Case-Based Learning	Vol. 36 (2), 2021	J Taibah Univ Med Sci	Int
11.	Dr. Iffat Naiyar	The impact of body mass index, age and gender on dispositional mindfulness amongst medical students	Vol. 15 (4), 2021	PJMHS	N
12.	Dr. Iffat Naiyar	Seroprevalence of COVID-19 and Associated Factors in a Medical Institution in Pakistan	Vol. 36 (2), 2021	J Taibah Univ Med Sci	Int
13.	Dr. Iffat Naiyar	Behavioral trends of medical institution employees in adhering to covid-19 preventive strategies	Vol. 46 (3), 2021	RMJ	N
14.	Dr. Iffat Naiyar	Association between BMI, Waist Circumference, and Prehypertension among Adults	Vol. 28 (5), 2021	TPMJ	N
15.	Dr. Iffat Naiyar	Perceptions of female medical students about practicing in rural areas	Vol. 15 (5), 2021	PJMHS	N
16.	Dr. Iffat Naiyar	The influence of covid-19 lockdown on body mass index, depression, anxiety and stress among medical students	Vol. 15 (5), 2021	PJMHS	N
17.	Dr. Iffat Naiyar	Misconception about blood donation among CMH Kharian medical college employees	Vol. 15 (5), 2021	PJMHS	N
18.	Dr. Iffat Naiyar	Perception of Peer Learning as an Innovative Learning Strategy among First-Year Medical Students Lacking Senior Guidance	Vol. 27 (9), 2020	TPMJ	N

19.	Dr. Iffat Naiyar	Pattern and associated factors of exam anxiety among students of private medical college Pakistan	Vol. 14 (3), 2020	PJMHS	N
20.	Dr. Tahir Mehmood Butt	Carotid Artery Disease Spectrum on Carotid Doppler Sonography: An Experience at Tertiary Cardiac Care Center	Vol. 73 (3), 2023	PAFMJ	N
21.	Dr. Tahir Mehmood Butt	Micronutrients and cardiovascular health: A cross-sectional survey among medical students of Pakistan	Vol. 6 (8), 2023	IJHS	N
22.	Dr. Tahir Mehmood Butt	Knowledge, attitude and practices towards eye care, among primary health care workers in District Chakwal	Vol. 1 (4), 2022	IJNMS	N
23.	Dr. Tahir Mehmood Butt	Predictors of Three-Month Mortality and Hospital Re-Admissions in Patients with Liver Cirrhosis	Vol. 16 (4), 2022	PJMHS	N
24.	Dr. Tahir Mehmood Butt	Errors in Use of Metered Dose Inhalers in Asthma	Vol. 32 (4), 2021	Med For Mon	N
25.	Dr. Tahir Mehmood Butt	Knowledge and practices regarding hand-washing among mothers of children less than five years of age in rural areas of District Sialkot	Vol. 71 (1), 2021	JPMA	N
26.	Dr. Tahir Mehmood Butt	Prevalence of Blood Transfusion Diseases among Blood Donors	Vol. 32 (6), 2021	Med For Mon	N
27.	Dr. Tahir Mehmood Butt	Role of the Cultural Context in Determining the Use of Patient Safety: A Mixed-Method Study	Vol. 71 (5), 2021	PAFMJ	N
28.	Dr. Tahir Mehmood Butt	Job Satisfaction and Its Determinants Among Child Protection Officers, Punjab Pakistan: A Cross-Sectional Survey	Vol. 70 (4), 2020	PAFMJ	N

29.	Dr. Tahir Mehmood Butt1	Success of Streptokinase in Diabetic Smokers with ST-Elevation Myocardial Infarction (STEMI) with Absence of Other Factors	Vol. 31 (12), 2020	Med For Mon	N
30.	Dr. Tahir Mehmood Butt	Analysis of Liver Histology and Severity of Metabolic Syndrome in Patients Suffering from Non-alcoholic Fatty Liver Disease	Vol. 30 (5), 2019	Med For Mon	N
31.	Dr. Tahir Mehmood Butt	Analysis of Knowledge and Practices of Mothers Regarding Neonatal Care in District Gujrat	Vol. 30 (12), 2019	Med For Mon	N
32.	Dr. Tahir Mehmood Butt	Effect of Specialty Oriented Hospital Management System (HMS) on Quality of Electronic Medical Records (EMRs) in Two Tertiary Care Hospitals	Vol. 68 (5), 2018	PAFMJ	N
33.	Dr. Muhammad Azhar Khan	Clinicopathological Correlation of Non-Alcoholic Fatty Liver Disease With Metabolic Syndrome Components In Tertiary Care Patients	Vol. 17 (7), 2023	PJMHS	N
34.	Dr. Muhammad Azhar Khan	Association Between The Life's Essential 8 Health Behaviors And Prognosis In Patients With Advanced Cardiovascular-Kidney-Metabolic Syndrome	Vol. 17 (10), 2023	PJMHS	N
35.	Dr. Muhammad Azhar Khan	Integrated Public Health Evaluation Of Gut Microbiota, Inflammatory Biomarkers, And Nutritional Status In Patients Undergoing Colorectal Cancer Surgery	Vol. 17 (10), 2023	PJMHS	N
36.	Dr. Muhammad Azhar Khan	Comparative Assessment Of Dietary Practices And Anthropometric Outcomes In School Students Consuming Mid-Day Meals Versus Home-Cooked Meals	Vol. 17 (10), 2023	PJMHS	N

37.	Dr. Muhammad Azhar Khan	Comparative Evaluation Of Problem-Based Learning And Traditional Teaching Methods In Enhancing Preventive Health Strategies Among Medical Students	Vol. 17 (11), 2023	PJMHS	N
38.	Dr. Muhammad Azhar Khan	The Role Of Anatomical Education In Medical Curriculum Reforms: Impact On Public Health, Orthopaedic Surgical Practice, And Radiological Diagnosis	Vol. 17 (11), 2023	PJMHS	N
39.	Dr. Muhammad Azhar Khan	Association Between Uric Acid Levels And Metabolic Risk Factors In Overweight And Obese Children	Vol. 17 (11), 2023	PJMHS	N
40.	Dr. Muhammad Azhar Khan	Serum Vitamin D Levels And Pelvic Bone Mineral Density In Postmenopausal Women: A Biochemical Study	Vol. 17 (12), 2023	PJMHS	N
41.	Dr. Muhammad Azhar Khan	Role Of Hepatic Enzymes In Non-Alcoholic Steatohepatitis (Nash) At Health Centers In Punjab, Pakistan	Vol. 21 (3), 2025	Esculapio	N
42.	Dr. Muhammad Azhar Khan	Impact Of Community Dentistry-Driven Oral Health Interventions On Public Knowledge And Practices Concerning Communicable Diseases	Vol. 15 (2), 2025	Int J Pharm Res Technol	Int
43.	Dr. Muhammad Azhar Khan	Dental Health, Prevention Practices, And Disease Burden Of Tobacco-Associated Conditions And Its Effects On The Renal System In A Population-Based	Vol. 15 (2), 2025	Int J Pharm Res Technol	Int
44.	Dr. Muhammad Azhar Khan	Multidisciplinary Audit Of Hypertensive Disorders In Pregnancy With Autoimmune Comorbidities And Manifestations: Maternal, Fetal, Musculoskeletal,	Vol. 15 (2), 2025	Int J Pharm Res Technol	Int

		And Physiological Outcomes From A Cohort Study			
45.	Dr. Muhammad Azhar Khan	Periodontal Status, Behavioral Risk Factors, And Community-Based Surveillance Of Type 2 Diabetes Mellitus	Vol. 15 (2), 2025	Int J Pharm Res Technol	Int
46.	Dr. Muhammad Azhar Khan	Prevalence And Predictors Of COPD Among Adults Attending Primary Care Clinics In Pakistan	Vol. 15 (2), 2025	Int J Pharm Res Technol	Int
47.	Dr. Muhammad Azhar Khan	Prevalence Of Oral Mucosal Lesions With Assessment of Renal Parameters Among Industrial Chemical Factory Workers	Vol. 15 (2), 2025	Int J Pharm Res Technol	Int
48.	Dr. Muhammad Azhar Khan	Burning Cities, Burning Brains: Prevalence Of Post-Traumatic Stress Disorder In Survivors Of Urban Violence In Pakistan - A Neuro Perspective	Vol. 15 (2), 2025	Int J Pharm Res Technol	Int
49.	Dr. Muhammad Azhar Khan	Comparison Of Prevalence Of Pre-Diabetes And Insulin Resistance Among Pediatric And Adolescent Individuals With Obese Parents In Pakistan	Vol. 15 (2), 2025	Int J Pharm Res Technol	Int
50.	Dr. Muhammad Azhar Khan	Association Between Tobacco Chewing Habits And Leukoplakia in Low-Income Urban Communities	Vol. 15 (2), 2025	Int J Pharm Res Technol	Int
51.	Dr. Muhammad Azhar Khan	Effect Of Early Corticosteroid Therapy On Oxygenation and ICU Stay In Severe Community-Acquired Pneumonia Treated In The Critical Care Unit	Vol. 15 (2), 2025	Int J Pharm Res Technol	Int
52.	Dr. Muhammad Azhar Khan	HbA1c Variability As A Predictor Of Neurocognitive Decline In Children With Type 1 Diabetes	Vol. 17 (12), 2025	Cureus	Int

53.	Dr. Wajeaha Najeeb	Outcomes of acetaminophen infusion on visual analogue scale with varying pain intensity during labour, A randomized controlled trial	Vol. 40 (10), 2024	PJMS	N
54.	Dr. Wajeaha Najeeb	Comparative analysis between outcomes of minimally invasive gynecological surgeries and traditional abdominal surgeries for benign gynecological conditions	Vol. 74 (9), 2024	JPMA	N
55.	Dr. Wajeaha Najeeb	Heterologous Covid 19 vaccines intervention effect on reactogenicity	Vol. 74 (1), 2024	JPMA	N
56.	Dr. Wajeaha Najeeb	Electrothermal Vessel Sealing a Time Saving Alternative to Classic Suturing in Total Abdominal Hysterectomy; A Retrospective Study	Vol. 74 (6), 2024	PAFMJ	N
57.	Dr. Wajeaha Najeeb	Perspective of basic and clinical sciences medical students on research	Vol. 74 (2), 2024	PAFMJ	N

Department of ENT

National Publications: 5

International Publications: 0

Total Publications: 5

Table 22: Research Publications of the Department of ENT (2018–2026)

	Faculty Name	National Publications	International Publications	Total Publications	As a 1st Author	As a Co-Author
1.	Col Usman Afzal Malik	2	0	2	0	2
2.	Dr. Maryiam Asghar	3	0	3	2	1

Details of Research Publications of the Department of ENT

Following are the Details of Research Publications of the Department of ENT during 2018-2026:

Table 23: Details of Research Publications of the Department of ENT (2018–2026)

	Faculty Name	Article Title	Year	Journal	National / International
1.	Col Usman Afzal Malik	Evaluation of common interventions to manage halitosis based on organoleptic scoring	Vol. 73 (5), 2023	PAFMJ	N
2.	Col Usman Afzal Malik	Relationship of peripheral vestibular deficits with metabolic syndromes: an experience at CMH Quetta	Vol. 73 (4), 2023	PAFMJ	N
3.	Dr. Maryiam Asghar	Comparison of e-audologica.pl android hearing application with pure tone audiometry for hearing assessment in normal hearing group	Vol. 45 (3), 2020	RMJ	N
4.	Dr. Maryiam Asghar	Comparison of effects beclomethasone dipropionate with flunisolide in patients with allergic rhinitis	Vol. 45 (3), 2023	Lif Sci	N
5.	Dr. Maryiam Asghar	Correlation of electrophysiological and behavioral response in cochlear implant candidates.	Vol. 74 (4), 2024	PAFMJ	N

Department of Ophthalmology

National Publications: 20

International Publications: 0

Total Publications: 20

Table 24: Research Publications of the Department of Ophthalmology (2018–2026)

	Faculty Name	National Publications	International Publications	Total Publications	As a 1st Author	As a Co-Author
1.	Dr. Tariq Munawar	10	0	10	1	9
2.	Col. Hannan	9	0	9	1	8
3.	Dr. Tanveer	1	0	1	0	1

Details of Research Publications of the Department of Ophthalmology

Following are the Details of Research Publications of the Department of Ophthalmology during 2018-2026:

Table 25: Details of Research Publications of the Department of Ophthalmology (2018–2026)

	Faculty Name	Article Title	Year	Journal	National / International
1.	Dr. Tariq Munawar	Comparison of preoperative and postoperative corneal astigmatism after phacoemulsification through A 2.75 mm clear corneal temporal incision	Vol. 74 (2), 2024	PAFMJ	N
2.	Dr. Tariq Munawar	Prevalence and pattern of ocular symptoms in patients with type 2 diabetes mellitus attending a tertiary care hospital: a cross-sectional study	Vol. 17 (9), 2023	PJMHS	N
3.	Dr. Tariq Munawar	Prevalence and clinical outcomes of orbital complications in patients with acute and chronic rhinosinusitis with emphasis on systemic comorbidities- A cross-sectional study	Vol. 17 (7), 2023	PJMHS	N
4.	Dr. Tariq Munawar	Assessing the relationship of keratoconus to consanguinity	Vol. 34 (10), 2023	Med For Mon	N
5.	Dr. Tariq Munawar	Correlation of Myopia with the use of smart phones and outdoor activities	Vol. 3 (2), 2022	BMC J Med Sci	N
6.	Dr. Tariq Munawar	Fight against superbugs in a burn center are we doing enough	Vol. 71, 2021	PAFMJ	N
7.	Dr. Tariq Munawar	Comparison of topical steroid drops with cyclosporin eye drops in the treatment of corneal	Vol. 14 (1), 2019	PJMHS	N

		subepithelial infiltrates in epidemic keratoconjunctivitis			
8.	Dr. Tariq Munawar	Frequency of color blindness amongst the youngest age group in southern Punjab province of Pakistan	Vol. 8 (5), 2018	PAFMJ	N
9.	Dr. Tariq Munawar	Comparison of topical steroid drops with cyclosporin eye drops in epidemic keratoconjunctivitis	Vol. 36 (4), 2020	PJO	N
10.	Dr. Tariq Munawar	Fibrin glue vs autologous serum for conjunctival autograft fixation in pterygium Surgery	Vol. 36 (1), 2020	PJO	N
11.	Dr. Tanveer Ahmed	Ocular Manifestations of Diabetes: A Cross-Sectional Study	Vol. 39 (2), 2023	PJO	N
12.	Col. Hannan	Evaluation and efficacy of atropine eye drops 0.01% in slowing myopia progression in children and adolescents with high and low myopia. A Quasi Experimental study	Vol. 75 (5), 2025	PAFMJ	N
13.	Col. Hannan	Comparison and clinical efficacy of tropical cyclosporin A 0.05% with Loteprednol 0.5% in the treatment of chronic blepharitis	Vol. 75 (3), 2025	PAFMJ	N
14.	Col. Hannan	Frequency of Esotropia and its management in pediatric age group at CMH Quetta	Vol. 74 (2), 2024	PAFMJ	N
15.	Col. Hannan	Effect of part time patching therapy on visual outcome in patients with anisometropic amblyopia visiting AFIO Rawalpindi	Vol. 71 (5), 2021	PAFMJ	N
16.	Col. Hannan	Identification of TORCH pathogens in congenital cataract patients visiting Armed forces institute of Ophthalmology	Vol. 71 (5), 2021	PAFMJ	N

17.	Col. Hannan	Frequency of reactive error and amblyopia in Strabismus in pediatric age group	Vol. 71 (2), 2021	PAFMJ	N
18.	Col. Hannan	Quantification of retinal nerve fiber layer for early detection of anterior visual pathways lesions	Vol. 71 (1), 2021	PAFMJ	N
19.	Col. Hannan	Difference between target and post operative refractive error following congenital cataract surgery in pediatric patients visiting armed forces institute of ophthalmology	Vol. 71 (1), 2021	PAFMJ	N
20.	Col. Hannan	Effect of atropine eye drops 0.01% on Myopia progression in high and low Myopia in patients visiting Armed forces Institute of Ophthalmology	Vol. 70 (3), 2020	PAFMJ	N

Department of Surgery & Allied

National Publications: 8

International Publications: 1

Total Publications: 9

Table 26: Research Publications of the Department of Surgery & Allied (2018–2026)

	Faculty Name	National Publications	International Publications	Total Publications	As a 1st Author	As a Co-Author
1.	Brig. Muhammad Ahmed Retd.	2	0	2	0	2
2.	Dr. Nisar Ahmed	2	1	3	1	2
3.	Dr. Waqas Ali	3	0	3	1	2
4.	Col. Ahsan Masood Butt	1	0	1	1	0

Details of Research Publications of the Department of Surgery & Allied

Following are the Details of Research Publications of the Department of Surgery & Allied during 2018-2026:

Table 27: Details of Research Publications of the Department of Surgery & Allied (2018–2026)

	Faculty Name	Article Title	Year	Journal	National / International
1.	Brig. Muhammad Ahmed Retd.	Outcome of surgical management in cervical lymphadenopathy a prospective study at Allama Iqbal teaching hospital Sialkot	Vol. 12 (4), 2018	PJMHS	N
2.	Brig. Muhammad Ahmed Retd.	Awareness of hospital functioning in general public seeking treatment in public sector hospitals a cross-sectional study.	Vol. 12 (4), 2018	PJMHS	N
3.	Col. Nisar Ahmed	Determinants of Rural-Urban Disparities in Surgical Treatment Accessibility for Carpal Tunnel Syndrome	Vol. 5 (12), 2024	PJHS	N
4.	Col. Nisar Ahmed	Mason Radial Head Fractures: Surgical Management	Vol. 15 (1), 2025	JBUMDC	N
5.	Col. Nisar Ahmed	Arthroscopy assisted MPFL reconstruction in recurrent patellar dislocation	Vol. 3 (4), 2024	J Prim Health Care	Int
6.	Dr. Waqas Ahmed	Hematoma Block Versus General Anesthesia for Close Reduction and Percutaneous Pinning of Distal Radius Fractures in Elderly Patients	Vol. 28 (1), 2024	JRMC	N
7.	Dr. Waqas Ahmed	Functional Outcome Of Percutaneous K-Wires System In Elder Patients with Proximal Humeral Fractures	Vol. 28 (1), 2024	JMRC	N

8.	Dr. Waqas Ahmed	Investigation of Total Knee Arthroplasty Failure Factors and Evaluating Functional Outcomes after Revision Surgery	Vol. 5 (7), 2024	PJHS	N
9.	Col. Ahsan Masood Butt	Comparison of skin graft take with and without post grafting topical negative pressure dressing	2025	J Health Wellness Community Res	N

Department of Anesthesia

National Publications: 12

International Publications: 0

Total Publications: 12

Table 28: Research Publications of the Department of Anesthesia (2018–2026)

	Faculty Name	National Publications	International Publications	Total Publications	As a 1st Author	As a Co-Author
1.	Brig. Khan Muhammad Yaqub	12	0	13	2	12

Details of Research Publications of the Department of Anesthesia

Following are the Details of Research Publications of the Department of Anesthesia during 2018-2026:

Table 29: Details of Research Publications of the Department of Anesthesia (2018–2026)

	Faculty Name	Article Title	Year	Journal	National / International
1.	Brig. Khan Muhammad Yaqub	Knowledge and perception of Cardiologist towards early mobilization in intensive care units in tertiary care hospital of Peshawar. A cross- sectional study	Vol. 2 (3), 2025	PJMHS	N
2.	Brig. Khan Muhammad Yaqub	Impact of pre-operation medical comorbidities on anesthesia risk and surgical outcome in patients with long bone fractures- a clinical study	Vol. 18 (1), 2024	PJMHS	N
3.	Brig. Khan Muhammad Yaqub	Comparison of intravenous lignocaine and intravenous elexmedetomidine for attenuation of hemodynamic stress response to laryngoscopy and endotracheal intubation	Vol. 74 (4), 2024	PAFMJ	N
4.	Brig. Khan Muhammad Yaqub	Influence of perioperative hemodynamic instability and glycemic control on postoperative complications in patients undergoing major abdominal surgery	Vol. 17 (10), 2023	PJMHS	N
5.	Brig. Khan Muhammad Yaqub	Assessment of fluid status: comparing vascular pedicle width and inferior vana cava measurements with central venous pressure. A cross-sectional study	Vol. 21 (23), 2023	GJMS	N

6.	Brig. Khan Muhammad Yaqub	Comparative study of intrathecal bupivacaine with Dexdetomidine versus fentanyl in lower limb orthopedic surgeries	Vol. 17 (10), 2023	PJMHS	N
7.	Brig. Khan Muhammad Yaqub	The role of tranexamic acid in the reduction of bleeding in abdominal aortic aneurysm surgery	Vol. 73 (6), 2023	PAFMJ	N
8.	Brig. Khan Muhammad Yaqub	Relation of days on ventilator support to total days of illness COVID-19 patients	Vol. 72 (2), 2022	PAFMJ	N
9.	Brig. Khan Muhammad Yaqub	Fixed dose vs height and weight adjusted dose of Bupivacaine for cesarian section-a randomized controlled trial.	Vol. 68 (9), 2018	JPMA	N
10.	Brig. Khan Muhammad Yaqub	Impact of general anesthesia vs combined epidural and general anesthesia on postoperative complications and mortality in elective abdominal aortic aneurysm surgery.	Vol. 73 (2), 2023	PAFMJ	N
11.	Brig. Khan Muhammad Yaqub	Comparison of frequency of low APGAR score in babies born normotensive patients with and without hyperuricemia in a tertiary care hospital	Vol. 25 (3), 2021	JRMC	N
12.	Brig. Khan Muhammad Yaqub	Assessing the efficacy of papilla sampling of outpatient diagnostic test in tertiary care hospital Rawalpindi	Vol. 24 (4), 2020	JRMC	N

Department of Radiology

National Publications: 7

International Publications: 1

Total Publications: 8

Table 30: Research Publications of the Department of Radiology (2018–2026)

	Faculty Name	National Publications	International Publications	Total Publications	As a 1st Author	As a Co-Author
1.	Brig. Muhammad Babar Khan	7	1	8	0	8

Details of Research Publications of the Department of Radiology

Following are the Details of Research Publications of the Department of Radiology during 2018-2026:

Table 31: Details of Research Publications of the Department of Radiology (2018–2026)

	Faculty Name	Article Title	Year	Journal	National / International
1.	Brig. Muhammad Babar Khan	Plain X-ray and MRI evaluation for prevalence of lumbo-sacral transitional vertebra in individuals with low backache	Vol. 6 (3), 2025	Biol Clin Sci Res J.	N
2.	Brig. Muhammad Babar Khan	Diagnostic accuracy of carotid Doppler ultrasound for detection of carotid artery stenosis in ischemic stroke patients: keeping computed tomography angiography as the gold standard	Vol. 6 (4), 2025	Biol Clin Sci Res J.	N
3.	Brig. Muhammad Babar Khan	Prevalence and outcome of incidental thyroid nodules detected on CT scan	Vol. 6 (6), 2025	Biol Clin Sci Res J.	N
4.	Brig. Muhammad Babar Khan	Assessment of trace metal disturbances in healthcare workers exposed to low does ionizing radiations in a tertiary care hospital	Vol. 73 (5), 2023	PAFMJ	N
5.	Brig. Muhammad Babar Khan	Correlation of placental thickness measured sonographically with the gestational age estimated by fetal growth parameters in normal singleton pregnancy	Vol. 72 (2), 2022	PAFMJ	N
6.	Brig. Muhammad Babar Khan	Deep learning-based vertebral body segmentation with	Vol. 71, 2022	Biomed Signal Process Control	Int

		extraction of spinal measurements and disorder disease classification			
7.	Brig. Muhammad Babar Khan	Diagnostic accuracy of ultrasound in detecting hepatocellular carcinoma keeping histopathology as gold standard	Vol. 17 (2), 2021	Ann Pak Inst Med Sci	N
8.	Brig. Muhammad Babar Khan	Diagnostic accuracy of thyroid ultrasound in detection of malignancy in thyroid nodules	Vol. 14 (3), 2018	PJP	N

Department of Medicine & Allied

National Publications: 47

International Publications: 05

Total Publications: 52

Table 32: Research Publications of the Department of Medicine & Allied (2018–2026)

	Faculty Name	National Publications	International Publications	Total Publications	As a 1st Author	As a Co-Author
1.	Brig. Zahid Farooq Baig	15	1	16	2	14
2.	Maj. Usman	12	0	12	0	12
3.	Dr. Saba Izhar	6	0	6	2	4
4.	Dr. Fatima Naseem	2	0	2	1	1
5.	Dr. Saeed Anwar	2	2	4	2	2
6.	Dr. Mehmood Iqbal Malik	4	0	4	1	3
7.	Dr. Muhammad Amin	4	1	5	1	4
8.	Dr. Fatima Qayyum	2	0	2	2	0
9.	Dr. Haroon Ur Rasheed	0	1	1	0	1

Details of Research Publications of the Department of Medicine & Allied

Following are the Details of Research Publications of the Department of Medicine & Allied including Gastroenterology, Pulmonology, Nephrology and Rheumatology during 2018-2026:

Table 33: Details of Research Publications of the Department of Medicine & Allied (2018–2026)

	Faculty Name	Article Title	Year	Journal	National / International
1.	Brig. Zahid Farooq Baig	Computed tomography severity score in COVID-19. Association with inflammatory markers and patient outcome	Vol. 73 (2), 2023	PAFMJ	N
2.	Brig. Zahid Farooq Baig	A comparative study on mortality of trauma-our experience in Peshawar	Vol. 4 (1), 2023	Lif Sci	N
3.	Brig. Zahid Farooq Baig	Audit of vascular access surgery in a tertiary care hospital	Vol. 72 (1), 2022	PAFMJ	N
4.	Brig. Zahid Farooq Baig	Thrombocytopenia among trauma patients admitted in ICU: Prevalence and relationship with outcome	Vol. 71 (5), 2021	PAFMJ	N
5.	Brig. Zahid Farooq Baig	Role of case scenarios in improving effectiveness of large group lecture format; data from undergraduate medical students	Vol. 4 (3), 2021	PJER	N
6.	Brig. Zahid Farooq Baig	Medical error, persistent vegetative state and over eighteen long years of medical care	Vol. 71 (4), 2021	PAFMJ	N
7.	Brig. Zahid Farooq Baig	Suicide by poisoning in Pakistan: review of regional trends, toxicity and management of commonly	Vol. 7 (4), 2021	BJPsych Open	Int

		used agents in the past three decades			
8.	Brig. Zahid Farooq Baig	Neutrophil to lymphocyte ratio vs platelets to lymphocytes ratio: biomarkers to predict severity of disease and their comparison in patients of COVID 19	Vol. 70 (6), 2020	PAFMJ	N
9.	Brig. Zahid Farooq Baig	Kinetics of platelet count in vivax malaria; a study in young soldiers	Vol. 70 (5), 2020	PAFMJ	N
10.	Brig. Zahid Farooq Baig	Bedside dialysis using portable hemodialysis apparatus our experience during Covid-19 pandemic	Vol. 19 (2), 2020	PAFMJ	N
11.	Brig. Zahid Farooq Baig	DAA based antiviral treatment of patients with chronic hepatitis C and chronic kidney disease stage 3 to 5 D	Vol. 70 (4), 2020	PAFMJ	N
12.	Brig. Zahid Farooq Baig	Novel Corona virus (COVID-19): Management of maintenance hemodialysis patients	Vol 2, 2020	PJKD	N
13.	Brig. Zahid Farooq Baig	Frequency of acute kidney injury in patients with traumatic injury admitted in intensive care unit and relationship of sociodemographic factors	Vol. 69 (6), 2019	PAFMJ	N
14.	Brig. Zahid Farooq Baig	Frequency of acute complications of hemodialysis in adult age group at a tertiary care center	Vol. 68 (5), 2018	PAFMJ	N
15.	Brig. Zahid Farooq Baig	Thrombotic thrombocytopenia purpura our clinical experience	Vol. 68 (5), 2018	PAFMJ	N
16.	Brig. Zahid Farooq Baig	Medical complications of renal transplant 2 years' experience at Armed forces institute of Urology	Vol. 30 (3), 2018	JAMC	N

17.	Maj. Usman	Concordance of Dermoscopic Findings and Wood's Lamp Findings in Melasma Patients	Vol. 73 (6), 2023	PAFMJ	N
18.	Maj. Usman	Efficacy of Glargine Insulin Compared with Neutral Protamine Hagedorn Insulin in Patients with Type 2 Diabetes not Controlled with Oral Hypoglycemics: A Cohort Study	Vol. 73 (4), 2023	PAFMJ	N
19.	Maj. Usman	Efficacy of L-Ornithine L-Aspartate in Recovery of Patients Suffering from Acute Viral Hepatitis	Vol. 73 (3), 2023	PAFMJ	N
20.	Maj. Usman	The Role of Citicoline in Neuroprotection and Neuro Repair in Acute Stroke	Vol. 73 (4), 2023	PAFMJ	N
21.	Maj. Usman	Effects of Critical Incident Stress Management on Nurses During COVID-19 Pandemic	Vol. 73 (2), 2023	PAFMJ	N
22.	Maj. Usman	To Determine Frequency and Outcome of Dyslipidemia in Diabetic Foot Patients	Vol. 16 (12), 2022	PJMHS	N
23.	Maj. Usman	Role of Methylprednisolone for COVID-19 Patients Admitted to a Tertiary Care Hospital	Vol. 72 (66), 2022	PAFMJ	N
24.	Maj. Usman	Correlation of ECG Changes at High Altitude with Findings on Coronary Angiogram	Vol. 72 (3), 2022	PAFMJ	N
25.	Maj. Usman	Comparative study of effectiveness of venlafaxine, duloxetine and sertraline in management of diabetic sensory neuropathy	Vol. 71 (1), 2021	PAFMJ	N
26.	Maj. Usman	Endoscopic Findings in Patients Presenting with Dyspepsia and	Vol. 71 (2), 2021	PAFMJ	N

		Association of Age and Gender with Organic Dyspepsia			
27.	Maj. Usman	Role Of Heart Rate Reduction With Ivabradine In Left Ventricular Failure	Vol. 70 (6), 2020	PAFMJ	N
28.	Maj. Usman	Demographics and Major Indications for the Warfarin Use, the Compliance Rate and the Factors Contributing in Non-Adherence among Patients Presenting to a Tertiary Cardiac Center of Pakistan	Vol. 70 (4), 2020	PAFMJ	N
29.	Dr. Saba Izhar	Thyroid Function Test as a Screening Tool for Diagnosis of Thyroid Diseases; A One Year Study Conducted at a District Hospital	Vol. 20 (3), 2024	Ann PIMS	N
30.	Dr. Saba Izhar	Decompensated Influences on Treatment-Seeking and Antibiotic Use for Common Illnesses	Vol. 30 (18), 2023	JPTCP	N
31.	Dr. Saba Izhar	Frequency of Hepatopulmonary Syndrome and its Associated Factors in Decompensated Liver Cirrhosis	Vol. 28 (1), 2022	PJCM	N
32.	Dr. Saba Izhar	Morphological Variations of Umbilical Cord in Normal Pregnancies among Local Population	Vol. 16 (2), 2022	PJMHS	N
33.	Dr. Saba Izhar	Frequency of Hypokalemia in Chronic Liver Disease	Vol. 16 (1), 2022	PJMHS	N
34.	Dr. Saba Izhar	Protective Effect of Prunus Dulcis Against Acetylsalicylic Acid Injury on Gastric Parietal Cells	Vol. 15 (7), 2022	PJMHS	N
35.	Dr. Fatima Naseem	Prevalence of Cognitive Decline in Patients with Stroke	Vol. 70 (6), 2020	PAFMJ	N

36.	Dr. Fatima Naseem	Frequency of headache and improvement with the treatment among the patients of epilepsy	Vol. 70 (4), 2020	PAFMJ	N
37.	Dr. Saeed Anwar	Enhancing recovery in gastrointestinal and cardiovascular surgeries through enhanced recovery after surgery (ERAS) protocols.	Vol. 17 (1), 2025	Cureus	Int
38.	Dr. Saeed Anwar	Efficacy and safety of tranexamic acid in the management of gastrointestinal bleeding a systematic review	Vol. 16 (12), 2024	Cureus	Int
39.	Dr. Saeed Anwar	Exploring the impact of 12-week direct acting antiviral therapy on laboratory parameters in HCV patients: A comparative study	Vol. 35 (2), 2024	Med For Mon	N
40.	Dr. Saeed Anwar	Efficacy and safety of semaglutide in nonalcoholic fatty liver disease: A clinical based study	Vol. 35 (5), 2024	Med For Mon	N
41.	Dr. Mehmood Iqbal Malik	Diagnostic accuracy of GENEXPERT assay and comparison with smear AFB on bronchial washings in sputum negative suspected pulmonary tuberculosis	Vol. 69 (4), 2019	PAFMJ	N
42.	Dr. Mehmood Iqbal Malik	Pattern of drug resistance among patients presenting with relapse of pulmonary tuberculosis	Vol. 74 (2), 2023	PAFMJ	N
43.	Dr. Mehmood Iqbal Malik	Association of risk factors in military personnel with pulmonary embolism stationed at high altitude and sea level	Vol. 74 (4), 2024	PAFMJ	N
44.	Dr. Mehmood Iqbal Malik	Evaluation of obstructive and restrictive spirometric defects in treated pulmonary tuberculosis patients	Vol. 70 (1), 2020	PAFMJ	N

45.	Dr. Muhammad Amin	Diagnostic accuracy of high-resolution computed tomography of chest in diagnosing sputum smear positive and sputum smear negative pulmonary tuberculosis	Vol. 31 (5), 2024	TPMJ	N
46.	Dr. Muhammad Amin	Pulmonary risks associated with e cigarette use among adolescents: a multi-center study on vaping-induced respiratory ailments	Vol. 29 (1), 2022	J Popul Ther Clin Pharmacol	Int
47.	Dr. Muhammad Amin	To find the diagnostic accuracy of medical thoracoscopy in diagnosis of malignant pleural effusion taking histopathology as gold standard	Vol. 25 (1), 2019	PJCM	N
48.	Dr. Muhammad Amin	Analysis of metered dose inhaler technique errors in patients with obstructive airway diseases	Vol. 24 (2), 2018	PJCM	N
49.	Dr. Muhammad Amin	The frequency of depression in the treatment of multi drug resistant tuberculosis	Vol. 23 (4), 2017	PJCM	N
50.	Dr. Fatima Qayyum	Correlation of anti-phospholipase A2 receptor antibody level with disease activity in patients with idiopathic membranous nephropathy	Vol. 31 (1), 2025	Ann King Edward Univ	N
51.	Dr. Fatima Qayyum	Depression and marital discontent among hemodialysis patients and their spouses in Pakistan	Vol. 31, 2025	Ann King Edward Univ	N
52.	Dr. Haroon Ur Rasheed	En mann I 40 årene med smerter I høyere lår og kne. (A man in his 40s with pain in the right thigh and knee)	2017	Legeforening tidsskrift	Int

Department of Pediatrics

National Publications: 31

International Publications: 01

Total Publications: 32

Table 34: Research Publications of the Department of Pediatrics (2018–2026)

	Faculty Name	National Publications	International Publications	Total Publications	As a 1st Author	As a Co-Author
1.	Dr. Muhammad Tariq Nadeem	28	1	28	1	27
2.	Dr. Waseem Pasha	4	0	4	2	2

Details of Research Publications of the Department of Pediatrics

Following are the Details of Research Publications of the Department of Pediatrics during 2018-2026:

Table 35: Details of Research Publications of the Department of Pediatrics (2018–2026)

	Faculty Name	Article Title	Year	Journal	National / International
1.	Dr. Muhammad Tariq Nadeem	Frequency and risk factors of retinopathy of prematurity in preterm babies of tertiary care hospital: a cross-sectional study	Vol. 3 (12), 2025	Insights J Health Rehabil	N
2.	Dr. Muhammad Tariq Nadeem	Comparison of Pulse Oximetry versus Wang Score in Children Aged Three to Twenty-Four Months Admitted with Acute Bronchiolitis in Pak-Emirates Military Hospital, Rawalpindi	Vol. 75 (4), 2025	PAFMJ	N
3.	Dr. Muhammad Tariq Nadeem	Frequency of Hypoglycemia in Neonates with Intrauterine Growth Restriction Presenting to Pak Emirates Military Hospital Neonatal Intensive Care Unit	Vol. 75 (3), 2025	PAFMJ	N
4.	Dr. Muhammad Tariq Nadeem	Effect of Lung Recruitment in the Efficacy of Intubation-Surfactant-Extubating Treatment of Respiratory Distress Syndrome in Preterm Neonate	Vol. 75 (2), 2025	PAFMJ	N
5.	Dr. Muhammad Tariq Nadeem	Efficacy of Umbilical Cord Lactate Level in Predicting the Hypoxic Ischemic Encephalopathy (HIE) in Neonates After Perinatal Asphyxia	Vol. 75 (1), 2025	PAFMJ	N
6.	Dr. Muhammad Tariq Nadeem	Efficacy of Oral Racecadotril in Children with Acute Watery Diarrhea	Vol. 74 (6), 2024	PAFMJ	N

7.	Dr. Muhammad Tariq Nadeem	Parents Perception on use of Antibiotics in Children	Vol. 74 (5), 2024	PAFMJ	N
8.	Dr. Muhammad Tariq Nadeem	Validity of Mentzer Index in Predicting Iron Deficiency Anemia	Vol. 25 (1), 2019	PJCM	N
9.	Dr. Muhammad Tariq Nadeem	Clinical Characteristics, Prognostic Factors and Outcomes of Pediatric Patients with Hemophagocytic Lymphohistiocytosis	Vol. 14 (2), 2024	JBUMDC	N
10.	Dr. Muhammad Tariq Nadeem	Early Complications of Surfactant Administration In Neonates	Vol. 74 (3), 2024	PAFMJ	N
11.	Dr. Muhammad Tariq Nadeem	Comparison of Hypertonic Saline and Salbutamol Nebulization in Children with Acute Bronchiolitis in a Tertiary Care Hospital	Vol. 47 (4), 2023	Pak Pediatr J	N
12.	Dr. Muhammad Tariq Nadeem	Validation of "TOPRS" Score to Predict Outcome in Pediatric Patients in a Tertiary Care Hospital of Pakistan	Vol. 73 (6), 2023	PAFMJ	N
13.	Dr. Muhammad Tariq Nadeem	Association of Admission Temperature and Outcome among Neonates with Sepsis in a Tertiary Care Hospital	Vol. 4 (2), 2024	JHRR	N
14.	Dr. Muhammad Tariq Nadeem	The Effect of Granulocyte-Macrophage Colony-Stimulating Factor on Neutropenia and Mortality in Neonatal Sepsis	Vol. 73 (6), 2023	PAFMJ	N
15.	Dr. Muhammad Tariq Nadeem	Diagnostic Value of Red Cell Distribution Width and Red Blood Cell Distribution Width Index in Differentiating between Iron Deficiency Anemia and Beta Thalassemia Trait	Vol. 73 (5), 2023	PAFMJ	N
16.	Dr. Muhammad Tariq Nadeem	Acute Kidney Injury in Neonates who develop asphyxia at the time of Delivery	Vol. 73 (4), 2023	PAFMJ	N

17.	Dr. Muhammad Tariq Nadeem	Accuracy of PSOFA Score in Predicting Outcomes in Critically Ill Children	Vol. 73 (2), 2023	PAFMJ	N
18.	Dr. Muhammad Tariq Nadeem	Factors Leading to Morbidity and Mortality in Neonates Presenting to Pak Emirates Military Hospital, Rawalpindi	Vol. 72 (5), 2022	PAFMJ	N
19.	Dr. Muhammad Tariq Nadeem	Frequency Of Meningitis In Neonatal Sepsis	Vol. 27 (1), 2023	JRMC	N
20.	Dr. Muhammad Tariq Nadeem	Frequency Of Hepatitis B In Thalassaemia Major Patients	Vol. 27 (1), 2023	JRMC	N
21.	Dr. Muhammad Tariq Nadeem	Outcome predictors of bronchiolitis in children: Role of CHWRS: An experience in a tertiary care hospital	Vol. 73 (1), 2023	PAFMJ	N
22.	Dr. Muhammad Tariq Nadeem	Role of hydroxyurea in patients of Beta thalassaemia major	Vol. 72 (6), 2022	PAFMJ	N
23.	Dr. Muhammad Tariq Nadeem	Clinical Characteristics of Novel Coronavirus Disease in the Pediatric Population.	Vol. 72 (5), 2022	PAFMJ	N
24.	Dr. Muhammad Tariq Nadeem	"The Correlation of Platelet Indices; Platelet Count, Mean Platelet Volume (MPV), Platelet Distribution Width (PDW) and Platelet-Large Cell Ratio (P-LCR) with Mortality in Patients Admitted to PICU"	Vol. 72 (3), 2022	PAFMJ	N
25.	Dr. Muhammad Tariq Nadeem	Role of Short Duration Double Phototherapy in the Treatment of Unconjugated Hyperbilirubinemia	Vol. 17 (3), 2021	APIMS	N
26.	Dr. Muhammad Tariq Nadeem	Outcome of Neonates Born through Meconium-Stained Amniotic Fluid in a Tertiary Care Hospital, PAK Emirates Military Hospital Rawalpindi, Pakistan	Vol. 34 (3), 2022	J Adv Med Med Res	Int

27.	Dr. Muhammad Tariq Nadeem	High Blood Pressure and Obesity in Children Aged 5 to 12 Years (P.E.M.H)	Vol. 16 (10), 2022	PJMHS	N
28.	Dr. Muhammad Tariq Nadeem	Lower Maternal vitamin-D levels' association with Early- onset neonatal sepsis in term Neonates	Vol. 68 (4), 2018	PAFMJ	N
29.	Dr. Waseem Pasha	Comparison of intravenous Diazepam and intravenous idazolam for treatment of recurrent febrile seizures.	Vol. 20 (1), 2024	PJP	N
30.	Dr. Waseem Pasha	Assessment of effective learning transfer at workplace after a formal faculty development program.	Vol. 5 (6), 2024	PJHS	N
31.	Dr. Waseem Pasha	Unlocking the code: Exploring Autism spectrum traits among medical students through the lens of blood group phenotypes.	Vol. 5 (3), 2024	Lif Sci	N
32.	Dr. Waseem Pasha	Determination of mean HbA2 levels by high-performance liquid chromatography in individuals with known beta thalassemia trait individuals.	Vol. 4 (1), 2024	J Haematol Stem Cell Res	N

Department of Gynaecology & Obstetrics

National Publications: 61

International Publications: 07

Total Publications: 68

Table 36: Research Publications of the Department of Gynaecology & Obstetrics (2018–2026)

	Faculty Name	National Publications	International Publications	Total Publications	As a 1st Author	As a Co-Author
1.	Dr. Jawairiah Liaqat	5	0	5	3	2
2.	Col. Uzma Noreen	4	0	4	0	4
3.	Col. Nusrat Noor	14	0	14	2	12
4.	Dr. Mugheera Hussain	2	0	2	1	1
5.	Dr. Sundus Khurshid Kiani	1	0	1	0	1
6.	Dr. Saima Nisar	8	0	8	2	6
7.	Dr. Asma Mudassir	5	0	5	2	3
8.	Col. Nadia Arif	14	4	18	16	2
9.	Dr. Uzma Salim	5	3	8	6	2
10.	Dr. Maryam Noor Malik	3	0	3	0	3

Details of Research Publications of the Department of Gynaecology & Obstetrics

Following are the Details of Research Publications of the Department of Gynaecology & Obstetrics during 2018-2026:

Table 37: Details of Research Publications of the Department of Gynaecology & Obstetrics (2018–2026)

	Faculty Name	Article Title	Year	Journal	National / International
1.	Col. Uzma Noreen	Cesarian section rate and indications of primary caesarian delivery at a referral center	Vol. 11 (1), 2020	J Soc Obstet Gynaecol Pak	N
2.	Col. Uzma Noreen	Major risk factors leading to maternal mortality in a tertiary care hospital	Vol. 16 (4), 2020	PJP	N
3.	Col. Uzma Noreen	Aetiology and management of primary amenorrhea	Vol. 33 (2), 2021	JAMC	N
4.	Col. Uzma Noreen	Prognosis of Covid 19 patients with raised neutrophil lymphocyte ratio (NLR)	Vol. 19 (3), 2021	Int J Pathol	N
5.	Col. Nusrat Noor	Evaluation of knowledge and attitude of women towards abnormal menstruation bleeding	2024	JLUMHC	N
6.	Col. Nusrat Noor	Role of calcium levels in pregnant woman with mild preeclampsia and severe eclampsia	2023	PAFMJ	N
7.	Col. Nusrat Noor	Prevalence of group B streptococcus infection in pregnant woman	2022	JMHS	N
8.	Col. Nusrat Noor	Comparison of frequency of low APGAR score in babies born to normotensive patients with and without hyperuricemia in a tertiary care hospital	2021	JRMC	N

9.	Col. Nusrat Noor	To determine role of tranexamic acid in reduction of bleeding in abdominal aortic aneurysm surgery	2021	PAFMJ	N
10.	Col. Nusrat Noor	Screening of subclinical hypothyroidism in antenatal woman and its impact on pregnancy outcome	2021	PAFMJ	N
11.	Col. Nusrat Noor	Contraceptive preferences and improved quality of life	2021	PAFMJ	N
12.	Col. Nusrat Noor	Impact of obstetric cholestasis on fetomaternal outcome	2020	PAFMJ	N
13.	Col. Nusrat Noor	Perspectives and health anxieties of gynecological and obstetric patients during novel COVID-19 pandemic at a tertiary care center	2020	PAFMJ	N
14.	Col. Nusrat Noor	Assessing efficacy of pipelle sampling as outpatient diagnostic in a tertiary care hospital	2020	JRMC	N
15.	Col. Nusrat Noor	Study of obstetric admissions to the intensive care unit at PNS Shifa	2020	JRMC	N
16.	Col. Nusrat Noor	Dyslipidemia in pregnancy and its correlation with preeclampsia	2020	PAFMJ	N
17.	Col. Nusrat Noor	Impact of maternal anemia on perinatal outcome	2019	PAFMJ	N
18.	Col. Nusrat Noor	A comparison of morbidity associated with placenta previa with and without previous cesarian section	2018	PAFMJ	N
19.	Dr. Mugheera Hussain	Connecting The Dots: The Impact Of Subclinical Hypothyroidism On Female Subfertility And Obesity	Vol. 28, 2024	JRMC	N

20.	Dr. Mugheera Hussain	Diagnostic Accuracy of HbA1C as Early Prenatal Screening Tool in Gestational Diabetes Mellitus Taking OGTT as Gold Standard	Vol. 19 (4), 2023	Annals Pak Inst Med Sci	N
21.	Dr. Jawairiah Liaqat	High Contribution of Male Partners to Infertility	Vol. 14 (1), 2024	J Soc Obstet Gynaecol Pak	N
22.	Dr. Jawairiah Liaqat	Association of Neonatal Outcome with Maternal Thyroid	Vol. 14 (1), 2024	J Soc Obstet Gynaecol Pak	N
23.	Dr. Jawairiah Liaqat	Pyospermia ; A major cause of oxidative stress in sperms having repercussion in the fertile potential of male by reducing its motility and count	Vol. 13 (3), 2023	JSOGP	N
24.	Dr. Jawairiah Liaqat	Predictive value of neutrophil to lymphocyte ratio (NLR)in early detection of gestational diabetes mellitus among pregnant women in first trimester of pregnancy	Vol. 20 (2), 2023	JAIMC	N
25.	Dr. Jawairiah Liaqat	Diagnostic Accuracy of HbA1c as early prenatal screening tool of GDM taking OGTT as gold standard.	Vol. 19 (4), 2023	Annals Pak Inst Med Sci	N
26.	Dr. Sundus Khurshid Kiani	A retrospective estimation of Maternal Postoperative Morbidity Index and Comprehensive complication index in placenta accreta spectrum. Sep 2025 Volume 50 Number 3. 2025 Jul;50(3):652.	Vol. 50 (3), 2025	JPMA	N
27.	Dr. Saima Nisar	Comparison of Efficacy of Surgical Interventions (Balloon Tamponade versus B-lynch Suture) to Prevent Postpartum Hemorrhage in Patients with Placenta Previa – a Randomized Controlled Trial	Vol. 74 (4), 2024	PAFMJ	N

28.	Dr. Saima Nisar	Effect of Rectal Misoprostol in Reducing Intra-Operative Blood Loss During Myomectomy-A Randomized Controlled Trial	Vol. 75, 2025	PAFMJ	N
29.	Dr. Saima Nisar	Effect of date fruit consumption in later pregnancy on length of gestation, labour and delivery of nulliparous woman	Vol. 72 (6), 2022	PAFMJ	N
30.	Dr. Saima Nisar	Comparison of Hemodynamic Changes after Intubation with Macintosh and McCoy Laryngoscopes-A Randomized Controlled Trial	Vol. 73 (2), 2023	PAFMJ	N
31.	Dr. Saima Nisar	Effect of Short Inter Pregnancy Interval on the Outcome of Vaginal Birth after Cesarean Section	Vol. 72 (5), 2022	PAFMJ	N
32.	Dr. Saima Nisar	Effect of consanguineous marriages on perinatal outcome	Vol. 30 (3), 2020	PAFMJ	N
33.	Dr. Saima Nisar	Efficacy (In Terms of Avoiding Hysterectomy) of the Triple P Procedure in Managing Morbidly Adherent Placenta	Vol. 73 (6), 2023	PAFMJ	N
34.	Dr. Saima Nisar	Role of prophylactic trans amine in reducing blood loss during elective cesarean delivery	Vol. 74, 2024	PAFMJ	N
35.	Dr. Asma Mudasir	Diagnostic accuracy of HbA1c as early perinatal screening tool in gestational DM taking OGTT as gold standard	Vol. 19 (4), 2023	Ann PIMS	N
36.	Dr. Asma Mudasir	Study of factors contributing to the increasing incidence of pneumonia during pregnancy	Vol. 28 (1), 2022	PJCM	N
37.	Dr. Asma Mudasir	Determine the outcome of newborn in post term pregnancy	Vol. 30 (8), 2019	Med For Mon	N

38.	Dr. Asma Mudasir	Correlation of vit D level and chondromalacia patellae in pregnancy	Vol. 14 (2), 2024	J Soc Obstet Gynaecol Pak	N
39.	Dr. Asma Mudasir	Diagnostic performance of ultrasound predicting the extension of disease in advanced ovarian cancer.	Vol. 16 (10), 2022	PJMHS	N
40.	Col. Nadia Arif	Quality of online information on breast cancer treatment option	Vol. 37, 2018	The Breast	Int
41.	Col. Nadia Arif	Synthesis, spectroscopic, SC-TRD/DFT and non-linear optical properties of chromene derivatives	Vol. 13 (1), 2023	RSC Advances	Int
42.	Col. Nadia Arif	Comparison of feasibility, efficacy and patient acceptability of manual vacuum aspiration vs. sublingual misoprostol in early pregnancy loss	Vol. 72 (3), 2022	PAFMJ	N
43.	Col. Nadia Arif	Impact of early vs. delayed oral feeding on hospital stay after C section under regional anesthesia	Vol. 31 (4), 2020	PAFMJ	N
44.	Col. Nadia Arif	Characterization and simulation of bush plane tire	Vol. 7 (12), 2019	Lubricants	Int
45.	Col. Nadia Arif	A study on comparison of safety and efficacy of post-partum intra uterine contraceptive device with interval IUCP	Vol. 31 (5), 2020	PAFMJ	N
46.	Col. Nadia Arif	Health orientation and health promoting behavior in women	Vol. 33 (1), 2019	JPMI	N
47.	Col. Nadia Arif	Surgical strategies in placenta accrete spectrum, a quasi-experimental study	Vol. 74 (1), 2024	PAFMJ	N
48.	Col. Nadia Arif	The usefulness of morphology in diagnosing various malignancies	Vol. 24 (2), 2020	JRMC	N

		on bone marrow examination in adults			
49.	Col. Nadia Arif	Enhanced recovery after planned gynecological surgery- a study on gut motility and hospital stay	Vol. 74 (6), 2024	PAFMJ	N
50.	Col. Nadia Arif	Uterine artery Doppler pulsability index in first trimester as a forecaster of pre-eclampsia in primary gravida	Vol. 73 (1), 2023	PAFMJ	N
51.	Col. Nadia Arif	Platelet indices as a potential monitoring biomarker in Covid 19	Vol. 25 (1), 2021	JRMC	N
52.	Col. Nadia Arif	Comparison of GDM in women with short inter pregnancy interval vs. women with normal pregnancy in hospitals	Vol. 31, 2025	PAFMJ	N
53.	Col. Nadia Arif	Pain management of patient under general anesthesia Nalbuphine alone or Nalbuphine with ketorolac	Vol. 73, 2023	PAFMJ	N
54.	Col. Nadia Arif	Antenatal diagnosis, surgical approach and maternal morbidity with placenta accreta	Vol. 72 (5), 2022	PAFMJ	N
55.	Col. Nadia Arif	The impact of isolated oligo at term on perinatal outcome; a comparative study	Vol. 31 (4), 2021	PAFMJ	N
56.	Col. Nadia Arif	Efficacy of MgSO4 on maternal morbidity and mortality in eclampsia	Vol. 30 (2), 2021	PAFMJ	N
57.	Col. Nadia Arif	Breast cancer information on internet. Type of website, accuracy and responsibility of online resources	Vol. 37, 2018	Breast	Int

58.	Dr. Uzma Saleem	Role of oxidative stress/ antioxidant defense biomarkers in neurodegenerative disease	Vol. 30 (4), 2020	Critical Reviews in Eukaryotic Gene Expressions	Int
59.	Dr. Uzma Saleem	Correlation of uric acid with fetomaternal outcome in hypertensive disease in pregnancy	Vol. 73 (1), 2023	PAFMJ	N
60.	Dr. Uzma Saleem	Role of poly phenolic in management of rheumatoid arthritis through intracellular signaling pathway	Vol. 33 (5), 2025	Inflammo- pharmacology	Int
61.	Dr. Uzma Saleem	Hep C virus: its prevalence, risk factors and genotype distribution in Pakistan	Vol. 20, 2022	European Journal of Inflammation	Int
62.	Dr. Uzma Saleem	Enhanced recovery after planned gynecological surgery; a study on gut motility and hospital stay	Vol. 74 (6), 2024	PAFMJ	N
63.	Dr. Uzma Saleem	Surgical strategies in placenta accrete spectrum	Vol. 74 (1), 2024	PAFMJ	N
64.	Dr. Uzma Saleem	Outcome of saline wound lavage prior to wound closure in gynecological and obs. patient	Vol. 71 (1), 2021	PAFMJ	N
65.	Dr. Uzma Saleem	Calcium supplementation and uterine atony; a simple solution to a big problem	Vol. 75 (1), 2025	PAFMJ	N
66.	Dr. Maryum Noor Malik	Compare the Mean Blood Loss of Sublingual Misoprostol vs Intravenous Oxytocin for Management of 3rd Stage of Labor	Vol. 20 (3), 2024	Ann PIMS	N
67.	Dr. Maryum Noor Malik	Frequency of Uterine Rupture and Its Maternal and Fetal Outcomes of Uterine Rupture among Pregnant Women	Vol. 4 (10), 2023	PJHS	N

68.	Dr. Maryum Noor Malik	Effectiveness of Acupressure at Neiguan (P6) Point on Nausea and Vomiting During Early Pregnancy	Vol. 20 (4), 2024	Ann PIMS	N
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Department of Behavioral Sciences

National Publications: 7

International Publications: 0

Total Publications: 7

Table 38: Research Publications of the Department of Behavioral Sciences (2018–2026)

	Faculty Name	National Publications	International Publications	Total Publications	As a 1st Author	As a Co-Author
1.	Col. Farrukh Akhtar	7	0	7	0	7

Details of Research Publications of the Department of Behavioral Sciences

Following are the Details of Research Publications of the Department of Behavioral Sciences during 2018-2026:

Table 39: Details of Research Publications of the Department of Behavioral Sciences (2018–2026)

	Faculty Name	Article Title	Year	Journal	National / International
1.	Col. Farrukh Akhtar	Urdu translation and validation of GAD 7 A screening and rating tool for anxiety symptoms in primary health care	Vol. 67 (10), 2017	J Pak Med Assoc	N
2.	Col. Farrukh Akhtar	Comparison of effect of olanzapine and risperidone on serum prolactin levels in patients with first episode of psychosis	Vol. 68 (6), 2018	PAFMJ	N
3.	Col. Farrukh Akhtar	Urdu translation and validation of PHQ-9 a reliable identification, severity and treatment outcome tool for depression	Vol. 8 (6), 2018	J Pak Med Assoc	N
4.	Col. Farrukh Akhtar	Assessing lithium levels after once daily dosage in patients of bipolar affective disorder in clinical setup	Vol. 69 (2), 2019	PAFMJ	N
5.	Col. Farrukh Akhtar	Advancements in psychiatric treatment: bridging pharmacotherapy and psychotherapy	Vol. 13 (8), 2025	Health Aff	N
6.	Col. Farrukh Akhtar	The psychology of emotions: understanding and managing feelings	Vol. 13 (8), 2025	Health Aff	N
7.	Col. Farrukh Akhtar	The role of medication in psychiatric care: efficacy, challenges and future directions	Vol. 13 (8), 2025	Health Aff	N

Department of Medical Education

National Publications: 11

International Publications: 05

Total Publications: 16

Table 40: Research Publications of the Department of Medical Education (2018–2026)

	Faculty Name	National Publications	International Publications	Total Publications	As a 1st Author	As a Co-Author
1.	Dr Aasma Qaiser	9	1	10	1	9
2.	Dr. Hira Khalil	0	3	3	1	2
3.	Dr Fouzia Khalid	0	1	1	1	0
4.	Dr Waleed Ahmed Butt	2	0	2	1	1

Details of Research Publications of the Department of Medical Education

Following are the Details of Research Publications of the Department of Medical Education during 2018-2026:

Table 41: Details of Research Publications of the Department of Medical Education (2018–2026)

	Faculty Name	Article Title	Year	Journal	National / International
1.	Dr. Aasma Qaiser	Exploring Emotional Control and Emotional Fortitude among Preclinical Undergraduate Medical Students: A Qualitative Study	Vol. 30 (3), 2024	Ann King Edward Med Univ	N
2.	Dr. Aasma Qaiser	Assessment of Effective Learning Transfer at Workplace after a Formal Faculty Development Program	Vol. 5 (6), 2024	PJHS	N
3.	Dr. Aasma Qaiser	Professionalism Program Evaluation and Its Impact on Undergraduate Medical Students	Vol. 16 (1), 2024	Cureus	Int
4.	Dr. Aasma Qaiser	Relationship Between Class Attendance, Sendup Exams and Professional Performance in Special Pathology for Fourth Year Medical Students	Vol. 13 (3), 2023	J Soc Obstet Gynaecol Pak	N
5.	Dr. Aasma Qaiser	Barriers and Facilitators to Write Good Quality MCQs for Dental Assessments: A Qualitative Case Study	Vol. 34 (1), 2022	JAMC	N
6.	Dr. Aasma Qaiser	Words are just Noise, let your Actions Speak: Impact of Nonverbal Communication on Undergraduate Medical Education	Vol. 37 (7), 2021	PJMS	N

7.	Dr. Aasma Qaiser	Medical Students Perception of Supportive Factors Regulating their Self-Regulated Learning	Vol. 14 (1), 2020	PJMS	N
8.	Dr. Aasma Qaiser	Impact of Blended Learning Environment on Self-Directed Learning Skill Development Among Post Graduates of Health Professions Education	Vol. 31 (10), 2020	PJMS	N
9.	Dr. Aasma Qaiser	Barrier faced by undergraduate medical students to become self-regulated learner	Vol. 14 (4), 2020	PJMS	N
10.	Dr. Aasma Qaiser	Career Choices: Recent Trends in Health Professions Education among Doctors	Vol. 14 (1), 2020	PJMS	N
11.	Dr. Hira Khalil	Challenges faced by the faculty while implementing assessment in an outcome based integrated curriculum for MBBS	Vol. 6 (2), 2024	Afr J Biol Sci	Int
12.	Dr. Hira Khalil	Evaluating the impact of problem-based learning (PBL) on clinical reasoning skills in medical students	Vol. 12 (3), 2025	Health Aff	Int
13.	Dr. Hira Khalil	Role of co-curricular activities in enhancing conceptual learning of anatomy	Vol. 13 (4), 2025	Health Aff	Int
14.	Dr Fouzia Khalid	Chronic kidney disease in the pediatric and adolescent population: etiology and clinical Presentation	Vol. 29 (1), 2022	J Popul Ther Clin Pharmacol	Int
15.	Dr Waleed Ahmed Butt	Barriers to provide timely and constructive feedback in undergraduate medical education	Vol. 39 (3), 2025	JPMI	N
16.	Dr Waleed Ahmed Butt	Histomorphological Effects of Sodium Arenite on Cervix of Rats: Experimental Study	Vol. 15 (5), 2021	PJMHS	N

Department of Research & Development (R & D)

National Publications: 12

International Publications: 06

Total Publications: 18

Table 42: Research Publications of the Department of Research & Development (2018–2026)

	Faculty Name	National Publications	International Publications	Total Publications	As a 1st Author	As a Co-Author
1.	Dr. Sarah Sadiq	5	3	8	3	5
2.	Dr. Ahmed Murtaz Khalid	6	3	9	7	2
3.	Dr. Isma Ishaq	1	0	1	0	1

Details of Research Publications of the Department of Research & Development

Following are the Details of Research Publications of the Department of Research & Development during 2018-2026:

Table 43: Details of Research Publications of the Department of R & D (2018–2026)

	Faculty Name	Article Title	Year	Journal	National / International
1.	Dr. Sarah Sadiq	Therapeutic potential of Chemogenic Iron Oxide Nanoparticles, its antioxidant and anti-Inflammatory effects with reduction of ankle joint swelling in BALB/c mice	Vol. 36 (11), 2024	J King Saud Univ	Int
2.	Dr. Sarah Sadiq	Determination of IL-6 Gene Promoter Polymorphism in Patients with medicina Determination of IL-6 Gene Promoter Polymorphism in Patients with Hepatitis C and Its Impact on RNA Secondary Stricture	Vol. 60 (3), 2024	Medicina	Int
3.	Dr. Sarah Sadiq	The Pattern of Hematological and Biochemical Parameters in Dengue Fever among Patients Presenting to HIT Hospital, Taxila Cantt: Hematological and Biochemical Parameters in Dengue Fever	Vol. 6 (1), 2025	PJHS	N
4.	Dr. Sarah Sadiq	Therapeutic Potential of Cinnamaldehyde Nanoparticles as an Antihyperuricemic, Anti-Inflammatory, and Antioxidant Agent Against Monosodium Urate	Vol. 31 (3), 2025	Altern Ther Health Med	Int

		Crystals-Mediated Gouty Arthritis in BALB/c Mice			
5.	Dr. Sarah Sadiq	ADHFE1 and C-MYC Association and Over-Expression in Different Stages of Human Breast Cancer Tissues	Vol. 16 (3), 2022	PJMHS	N
6.	Dr. Sarah Sadiq	Association of Hormone Receptors with Risk Factors Among Breast Cancer Patients	Vol. 71 (1), 2021	PAFMJ	N
7.	Dr. Sarah Sadiq	A comparison of HDL-c, VLDL-c among diabetics with and without dyslipidemia and healthy controls	Vol. 27 (11), 2020	TPMJ	N
8.	Dr. Sarah Sadiq	Prostate and Breast Cancer: A Comparison of Ck2 Modulation of C-Myc in Prostate and Breast Cancer	Vol. 25 (3), 2018	TPMJ	N
9.	Dr. Ahmed Murtaz Khalid	Amblyopia Screening in Pakistan: A Public Health Review and Policy Perspective	Vol. 15 (2), 2025	PJO	N
10.	Dr. Ahmed Murtaz Khalid	The need for structured patient education in improving treatment outcome in chronic lifelong diseases	Vol. 1 (1), 2025	PAMS	N
11.	Dr. Ahmed Murtaz Khalid	Frequently misdiagnosed condition can be identified earlier by looking at phenotypic features	Vol. 16 (1), 2025	JUMDC	N
12.	Dr. Ahmed Murtaz Khalid	Exploring the landscape of latent autoimmune diabetes and Maturity onset diabetes of the Young in Africa: A scoping review	Vol. 12, 2023	F1000 Research	Int
13.	Dr. Ahmed Murtaz Khalid	Stress levels among preclinical medical students and their coping strategies	Vol. 14 (1), 2023	JUMDC	N

14.	Dr. Ahmed Murtaz Khalid	Impact of learning portfolio in structuring routine of medical students during COVID19 lockdown period	Vol. 46 (2), 434-437, 2021	RMJ	N
15.	Dr. Ahmed Murtaz Khalid	Behavioral trends of medical institution employees in adhering to COVID-19 preventive strategies	Vol. 6 (3), 2021	RMJ	N
16.	Dr. Ahmed Murtaz Khalid	Seroprevalence of COVID-19 and its associated factors in a medical in a Medical institution in Pakistan	Vol. 16 (4), 2021	J Taibah Univ Med Sci	Int
17.	Dr. Ahmed Murtaz Khalid	Perceptions of medical students in Pakistan, KSA, and the US regarding the significance of Case-Based Learning	Vol. 16 (3), 2021	J Taibah Univ Med Sci	Int
18.	Dr Isma Ishaq	Comparative IgG anti body titers following second dose of sinopharm and Pfizer vaccination	Vol. 39 (4), 2023	Biomedica	N

Appendix I – Abbreviations

JAMC	Journal of Ayub Medical College
JRMC	Jornal of Rawalpindi Medical College
JCPSP	Journal of College of Physicians & Surgeons
PJP	Pakistan Journal of Physiology
PAMS	Pakistan Annals of Medical Sciences
PJHS	Pakistan Journal of Health Research
PJMS	Pakistan Journal of Medical Sciences
PJMHS	Pakistan Journal of Medical & Health Sciences
Health Aff	Health Affairs
Lif Sci	Life and Sciences
RMJ	Rawal Medical Journal
JUMDC	Journal of University Medical & Dental College
TPMJ	The Professional Medical Journal
PAFMJ	Pakistan Armed Force Medical Journal
Med For Mon	Medical Forum Monthly
PJO	Pakistan Journal of Ophthalmology
PJMA	Pakistan Journal of Medical Association
PJCM	Pakistan Journal of Chest Medicine
JPMI	Journal of Postgraduate Medical Institute