



### Editorial Advisory Board

#### Chairman

Lt Gen Nigar Johar, HI (M) (Surg Gen/DGMS (IS))

#### Members

Prof Irfan Ali Sheikh  
 Prof Imran Fazal  
 Dr Salman Ashraf  
 Dr Qamar Ul Haq Noor  
 Dr Zaheer Akhtar  
 Dr Sibtain Rafique

### Editorial Committee

#### Chief Editor

Prof Sayed Nusrat Raza

#### Editor

Prof Khadija Qamar

#### Joint Editors

Prof Muhammad Alamgir Khan  
 Dr Palvasha Waheed

#### Assistant Editors

Dr Syed Fawad Mashhadi  
 Dr Kulsoom Farhat  
 Dr Shamaaila Mohsin

#### Managing Editor

Dr Aliya Hisam

Dr Muhammad Rizwan Bashir Kiani

Dr Aiza Saadia

#### Bibliographer

Dr Rehana Khadim

#### Statistician

Mr. Mudassar Mustafa

#### Statistician

Mrs Anam Haider

### Editorial Board Members

#### International

Prof Mohammad Bagher Rokni (Tehran, Iran)  
 Dr Sajid Hassan Butt (NHS UK)  
 Dr Faiza S Khan (Public Health England)  
 Prof Adeel Ajwad Butt (USA)  
 Prof Nimalka Ariyaratne (Sri Lanka)  
 Dr Neil Carr (NHS UK)

#### National (Extra-Organizational)

Prof Khalid Masood Gondal, TI (Lahore)  
 Prof Assad Hafeez (Islamabad)  
 Prof Moeed Iqbal Qureshi (Lahore)

#### National (Organizational)

Dr Amina Ahmad (Lahore)  
 Prof Rubina Naqvi (Karachi)  
 Prof Shoaib Shafi (Islamabad)  
 Prof Waheed-uz-Zaman Tariq (Lahore)

#### National (Organizational)

Prof Wasim Alamgir  
 Prof Muhammad Asad Qureshi  
 Prof Syed Raza Jaffar  
 Prof Safdar Hussain  
 Dr Naveed Akhtar Malik  
 Dr Riaz Ahmad  
 Dr Iram Leharasab

## PAKISTAN ARMED FORCES MEDICAL JOURNAL

Vol-70, No. 6, Dec 2020

Recognized by PMDC & HEC

### CONTENTS

#### EDITORIAL

<b>Need of Our Times: Impact of Genome Editing Sciences And Requisite Preparedness For Molecular Bioterrorism</b> <i>Sikandar Hayat Khan</i>	1601
---	------

#### ORIGINAL ARTICLES

<b>Prevalence of Cognitive Decline in Patients With Stroke</b> <i>Fatima Naseem Malik, Usama Bin Zubair, Wasim Alamgir, Asif Hashmat, Saeed Arif, Khurram Haq Nawaz</i>	1604
<b>Neutrophil To Lymphocyte Ratio Vs Platelets To Lymphocyte Ratio: Biomarkers To Predict Severity of Disease And Their Comparison in Patients of COVID 19</b> <i>Muhammad Adil, Zahid Farooq Baig, Muhammad Amir, Sohail Saqib Chatha, Aamir Habib, Muhammad Majid</i>	1609
<b>Prevalence of Clinical Spectrum of Inherited Metabolic Disorders in Infants And Children At A Tertiary Care Hospital in Rawalpindi, Pakistan</b> <i>Ayesha Batool, Saeed Zaman, Ammara Ayub, Kulsum Bilal, Qudratullah Malik</i>	1616
<b>A Ghasly Rising Rate of Preventable Pediatric Burns: We Need To Act</b> <i>Muhammad Rizwan Aslam, Taakeer Ahmed Rizvi, Muhammad Tariq Munawar, Asad Maqbool, Shahid Naqvi</i>	1622
<b>Post-Operative Hemorrhage in Septoplasty With And Without Nasal Packing A Comparative Study At Otorhinolaryngology Department of PNS Shifa Hospital, Karachi</b> <i>Muhammad Fahad Wasim, Naem Riaz, Sohail Aslam, Syed Muhammad Asad Shabbir Bukhari, Humza Mumtaz, Iqbal Husain</i>	1629
<b>C-Reactive Protein Kinetics in Term And Preterm Babies With Early Onset Sepsis And Its Association With Blood Culture</b> <i>Erum Saboohi, Farhan Saeed, Rashid Naseem Khan, Muhammad Athar, Syed Adnan Ali, Aisha</i>	1634
<b>Frequency And Correlates of Poor Sleep Quality Among Patients of Parkinson's Disease</b> <i>Syed Sakhatat Kazmi, Zahid Hassan, Waseem Alamgir, Asif Hashmat, Ali Yusuf, Atifa Gillani</i>	1640
<b>Safety Attitudes in Obstetrics And Gynaecology Trainees in Labour Room Practices: Experience At Dow University of Health Sciences</b> <i>Syed Hasan Ala</i>	1645
<b>Risk Factors For The Development of Stress Fractures: A Case Control Study</b> <i>Aizaz Saleem Khan, Ambreen Sadiq, Muhammad Qaiser Alam Khan, Hassan Mehmood Syed, Sana Mukarrum</i>	1651
<b>Clinical Profile And Outcome in A Paediatric Intensive Care Unit of A Tertiary Care Hospital in Pakistan</b> <i>Qamar-uz-Zaman Khan, Faisal Basheer, Zameer Ahmad Nayyar, Aroosa Ishtiaq Butt</i>	1657
<b>A Comparison of Body Mass Index And Weight Gain Among Male Sprague Dawley Rats on Broiler And Domestic Chicken Meat Feed</b> <i>Hammad Gul Khan, Amir Rashid, Zainab Khan, Faiza Aman, Muhammad Shoaib</i>	1662
<b>Effect of Behavioral Problems of Children With Autism on Their Mother's Quality of Life</b> <i>Ayesha Waheed, Mussarat Jabeen Khan, Maryam Khurshid</i>	1666
<b>Comparison of Lipid Lowering Effects of Rosuvastatin And Atorvastatin in Type 2 Diabetic Patients With Primary Hyperlipidemia</b> <i>Safina Shabbir, Zill-e-Humayun, Muhammad Adnan Manzar, Muhammad Jawad Yousaf, Shabana Mushtaq, Maria Yousaf</i>	1671
<b>Knowledge And Attitude of Pregnant Women Reporting At Tertiary Care Hospital</b> <i>Nighat Sultana, Sadia Fatima, Tabassum Muzaffar, Fahd Akram</i>	1676
<b>Comparison of Manifestations of Giardia And Ascaris Infestations Between Both Genders Presenting With Diarrhea</b> <i>Kanwal Jehanzeb, Zia Ul Haq, Saeed Zaman Khattak, Sajid Ali Shah, Munir Akmal Lodhi, Nadeem Ashraf</i>	1681
<b>Correlation of Impacted Mandibular Third Molar With Incidence of Ipsilateral Angle And Condylar Fractures in Mandibular Trauma</b> <i>Syed Yasir Ali Abidi, Adnan Babar, Kaleem Ullah Niazi, Ali Akhtar Khan, Atiqa Maryam, Nazish Rasheed</i>	1686
<b>Milk Aggravates Asthma - The Truth Or The Perception</b> <i>Muhammad Khalid Azam Khan, Shazia Naz, Abdul Latif Khattak, Nauman Kashif, Syed Karamat Hussain Shah Bukhari, Asif Ullah Khan</i>	1691
<b>Presentation and Outcomes of Aortofemoral Bypass Surgery in Patients With Aortoiliac Occlusive Disease. Four Years' Experience At A Tertiary Care Hospital</b> <i>Muhammad Khalid Siddique, Waqas Ahmed, Khalid Pervaiz Butt, Khalid Ibrahim Akhtar, Hanna Khalid, Muhammad Tariq Khan</i>	1696
<b>Comparison of Pain Perceived By Patients Undergoing Intra Oral Local Anesthesia Using Different Needle Gauges</b> <i>Noor Ul Sabah Hussain, Shoaib Younus, Uzair Bin Akhtar, Malik Ali Hassan Sajid, Muhammad Salman Chishty, Saud Iqbal</i>	1702
<b>Comparison of Post Placental Intrauterine Contraceptive Device Insertion Between Vaginal Delivery And Caesarean Section in A Tertiary Care Hospital</b> <i>Saira Tasneem, Sanam Kashif, Erum Pervaiz, Faisal Azam</i>	1707
<b>Association of Human Chorionic Gonadotrophin With Pregnancy Induced Hypertension</b> <i>Nayab Afzal Chatha, Humaira Osman Jaffery, Saima Qamar, Nilofar Mustafa, Rizwana Kamran, Viqar Ashraf</i>	1712
<b>Incidence And Factors For Maternal Satisfaction After Caesarean Section: A Cross-Sectional Study</b> <i>Mobeen Ikram, Saira Mahtob, Sadia Zaineb</i>	1717
<b>Role of Combined Ketoconazole And Tamsulosin in Successful Trial of Voiding Without Catheter (TWOC) in Patients With Acute Urinary Retention Due To Benign Prostatic Obstruction</b> <i>Muhammad Asim, Fakhra Ahmed, Muhammad Sajid Ali, Imran Memon, Waqas Memon, Muhammad Rashid, Kiran Abbad, Moiz Ahmed</i>	1723
<b>Moderating Role of Psychological Distress on The Relationship Between Suicidal Ideation And Psychological Wellbeing Among People With Physical Disabilities</b> <i>Syeda Naila Andleeb, Sadaf Ahsan, Sadaf Zahoor</i>	1728
<b>Retrospective Data Review To Find The Association of Lumbosacral Transitional Vertebra And Degenerative Disc Disease in Young Patients</b> <i>Nadia Gul, Khalid Mehmood, Muhammad Ikram</i>	1734
<b>Development and Psychometric Properties of Adverse Childhood Experiences Scale For Adolescents</b> <i>Maryam Riaz, Zaqia Bano</i>	1740
<b>Frequency Assessment of Emergence of Extensively Drug Resistant Salmonella Typhi Strains in Quetta, Balochistan</b> <i>Shafia Nasir, Naveed Asif, Oroosa Nasir, Sunila Tashfeen Arif, Muhammad Azam</i>	1745
<b>Awareness And Practices Applied By Health Care Workers To Achieve Patient Safety During Phlebotomy And Ultrasound Biopsy</b> <i>Salahuddin Balooch, Fakhra Noreen, Abid Saeed Khan, Ibad Ur Rehman, Aleena Bakhtawar, Waseem Raja</i>	1750
<b>Power Sharing in Medical Consultations</b> <i>Ayesha Junaid, Muhammad Shaban Raja, Najm Us Saqib Khan, Junaid Sarfraz Khan</i>	1756
<b>Impact of A Single Tutorial Session on The Technique of Using Personal Protective Equipment By Health Care Workers</b> <i>Jamal Akhtar, Asif Ali, Farzana Muneer</i>	1765

The Pakistan Armed Forces Medical Journal (PAFMJ) is an official Journal of Army Medical Corps and is being published since 1956. Few of the salients of the journal are as below:-

- Recognized by PMDC & HEC
- Indexed in ICI Journals Master List - Index Copernicus
- Indexed in HINARI List of Journals
- Inclusion of PAFMJ Indexed in WHO Index Medicus (IMEMR), EBSCO Host, DOAJ, Scientific Journals Impact Factor (SJIF), Pak Medinet, Scope Med, Index Scholar
- Indexation of PAFMJ in Cumulative Index Medicus of Eastern Mediterranean Region Journals
- Allocation of International Standard Serial Number France (print & online)
- Availability of PAFMJ on Internet: [www.pafmj.org]
- Online submission of articles through online submissions system
- Attraction of wider authorship and readership

<b>Significance of Renal Function in Trauma: An Observational Study To Ascertain Correlation To EGFR</b> <i>Syed Faraz Anwar, Muhammad Uzair, Anas Bin Saif, Ahmed Mushtaq Khan, Saima Faraz</i>	1771
<b>A Comparison of Intracaesarian Versus Interval Placement of Intrauterine Contraceptive Device</b> <i>Uzma Gul, Sunarays Akhtar</i>	1776
<b>Comparison of Serum Ferritin Levels in NAFLD Patients And Healthy Controls</b> <i>Mehwish Qamar, Syeda Abeer Fatima, Haseeb Ahmed Khan, Qudsia Umaira Khan, Amna Nadeem, Hina Sikandar</i>	1782
<b>Association of Pain And Other Clinical Features With Diseases of Breast in Feamles Presenting At Tertiary Care Hospitals of Sahiwal</b> <i>Waleeja Shamikha, Yasir Makki, Amjad Zafar, Qurrat-Ul-Ain Tahir, Rabia Ikram</i>	1787
<b>Role of Obstetric Triage in Improving Patient Health Care At CMH Kharian-A Comparitive Study</b> <i>Asma Ansari, Umbreen Akram, Hafsa Khalil, Ayesha Imran</i>	1792
<b>Outcomes of Open Thoracic Surgical Decortication in Patients With Tuberculous Empyema</b> <i>Tahir Aslam, Amer Bilal, Manzoor Ahmed, Mohammad Abid, Abdul Baseer, Khurshid Ahmed Baloch, Fawad Ali</i>	1799
<b>Short Term Effect of Hemodialysis on Peripapillary Retinal Nerve Fiber Layer And Macular Thickness</b> <i>Bushra Jabbar, Qamar Ul Islam, Muhammad Kashif Hanif, Ubaidullah Yasin, Omer Farooq, Saman Fatima</i>	1804
<b>Diagnostic Accuracy of Magnetic Resonance Imaging For Diagnosis of Acute Invasive Fungal Sinusitis Taking Histopathology As A Gold Standard</b> <i>Sehrish Waqar, Saima Ameer, Muhammad Naeem, Mubashar Ahmed Bajwa, Saman Mubashar Bajwa, G.R Bajwa</i>	1810
<b>Impact of Breast Conservation Surgery Versus The Modified Radical Mastectomy on The Quality of Life Among Breast Cancer Survivors in Pakistan</b> <i>Mumtaz Ahmed, Namrah Mahmood, Shaista Zafar, Umbar Rafique, Moiz Ahmed, Kiran Abbas</i>	1815
<b>Hepatitis C Seroconversion Rates in Patients on Hemodialysis in Tertiary Care Hospitals: A Multicenter Cross Sectional Study</b> <i>Muhammad Asif, Muhammad Zahid, Raheel Ahmad, Zafar Mehmood, Zia-Ud-Din, Ali Muhammad</i>	1820
<b>Dog 1 Expression in Differential Diagnosis of Chondroblastomas And Its Histological Mimickers</b> <i>Maryam Nisar, Sajid Mushtaq, Usman Hassan, Noreen Akhtar, Muhammad Azam</i>	1825
<b>Association Between Periodontitis And Gestational Diabetes Mellitus</b> <i>Muhammad Sharjeel, Khurram Atallah, Zubair Ahmed Khan, Myra Ahmed</i>	1830
<b>Pain Relief With Preventive Measures Among Knee Osteoarthritis Patients: A Comparison Between Followers Versus Non Followers</b> <i>Muhammad Ikram, Sadia Ijaz, Munawer Latif Memon, Varda Balouch, Sajid Ejaz Rao</i>	1834
<b>Role of Heart Rate Reduction With Ivabradine in Left Ventricular Failure</b> <i>Safia Batool, Jamal Waris, Muhammad Usman Sajid, Shazia Nisar, Imran Khan, Hina Mushtaq</i>	1839
<b>The Correlation of Symptoms And Objective Wheeze in Asthmatics</b> <i>Abdul Latif Khattak, Muhammad Khalid Azam Khan, Shazia Naz, Nauman Kashif, Syed Karamat Hussain Shah Bukhari, Muhammad Tahir Ibrahim</i>	1843
<b>Clinical Symptoms And Chest X-Ray Findings For Evaluation of Chest X-Ray in Management And Prediction of Clinical Outcome of Confirm Cases of COVID-19</b> <i>Khawaja Muhammad Baqir Hassan, Tahir Baqir Hassan, Shakil Sarwar, Irfan Najam Sheen, Farrukh Islam, Syed Aown Raza Shah Bokhari, Muhammad Shahbaz Shoaib</i>	1847
<b>Effectiveness of Parental Presence/Absence Technique As A Behavior Management Technique in Paediatric Dentistry</b> <i>Fatimah Shiraz, Laila Mustafa, Nabhan Zakir, Madeeha Bangashi, Gulandama Alam Khan, Ammara Sami</i>	1853
<b>Comparison of Micronized Progesterone (Cyclogest Pessary) And Placebo in Prevention of Pre-Term Birth in Tertiary Care Hospital</b> <i>Nighat Afridi, Ambreen Fatima, Amna Fareed, Saifullah Khan, Shah Gul Khan</i>	1859
<b>SARS-COV-2 Among Front Line Health Care Workers</b> <i>Syed Waqar Abbas, Shoaib Ahmed, Syeda Fatimah Zareen, Sadia Fatima, Nusrat Rehan, Wajid Hussain</i>	1864
<b>Association of Anemia With Serum Sex Hormone Binding Globulin Levels in Patients With Polycystic Ovary Syndrome</b> <i>Hafiza Swaiba Afzal, Syeda Rizwana Jafri, Amna Muneeb, Attya Zaheer, Ehsan Ahmad, Bushra Batool</i>	1870
<b>Inactive Hepatitis B Carrier And Pregnancy Outcomes</b> <i>Rabiah Anwar, Kashif Razaq</i>	1874
<b>Hemoglobin in Relation To Body Mass Index And Socioeconomic Characteristics Among Pregnant Women</b> <i>Minal Akram, Shahmai Basharat, Muhammad Mustafa Qamar, Ayesha Basharat, Tanveer Ahmed, Sheraz Saleem</i>	1880
<b>Efficacy of First Available Direct-Acting Antiviral Agent in Treatment of Chronic Hepatitis C; Results From A Single Centre in Pakistan</b> <i>Arif Qayyum Khan, Hala Mansoor, Javed Iqbal, Raja Yasser Shahbaz, Samina Fida, Muhammad Siddique</i>	1885
<b>Clinical Profile and Outcome of Ventilated Children in A Pediatric Intensive Care Unit of A Tertiary Care Hospital</b> <i>Muhammad Sulman Javaid, Faisal Basheer, Jawad Jalil</i>	1892
<b>To Compare The Incidence of Post Dural Puncture Headache With Pencil Point 25 Gauge Whitacre Verse Cutting 25 Gauge Quincke Spinal Needle in Patients For C Section Under Spinal Anaesthesia</b> <i>Adil Mehraj, Akram Raja, Shafiqat Rehman, Noreen Adil</i>	1897
<b>Impact of COVID-19 Pandemic on Learning of Undergraduate Medical Students: A Cross-Sectional Study From Karachi</b> <i>Adina Anwar, Erum Khan, Munizha Nisar, Rameesha Qutubuddin, Syeda Rubaba Azim, Tamseel Tanwir Awan</i>	1902
<b>Efficacy of Intra Operative Use of Triamcinolone in Lumbar Discectomy</b> <i>Asim Ishaq, Muhammad Shahzad</i>	1908
<b>Evaluation of COVID-19 Pandemic in Azad Jammu And Kashmir Pakistan</b> <i>Qaesar Nazeer, Tahir Sardar, Syed Fatwad Mashhadi</i>	1913
<b>The Heparin Induced Thrombocytopenia in Cardiac Surgery Patients</b> <i>Shakila Khadim, Nuzhat Salamat, Saleem Ahmed Khan, Kifayat Ullah, Nasiruddin, Muhammad Abdul Naeem</i>	1919
<b>Relationship of Vicarious Traumatization With Family Relations And Coping Strategies Among Healthcare Professionals</b> <i>Nazia Mustafa, Fahad Haleem, Najm Uls Saqib Khan, Tahir Sardar, Muhammad Naveed Akhtar, Javaria Mumtaz</i>	1925
<b>Patients Satisfaction About Health Care Delivery in Out-Patients Department of Combined Military Hospital Rawalpindi</b> <i>Tahir Sardar, Iqbal Ahmad Khan, Muhammad Alamgir Khan</i>	1929
<b>SHORT COMMUNICATION</b>	
<b>Psychoactive Substances Abuse Trends Among Medical Students of Lahore: A Cross Sectional Study</b> <i>Maryam Noshad, Muhammad Hammad Butt, Tooba Mehboob, Irfan Bashir, Rabia Aslam, Naila Tabassam</i>	1935
<b>CASE REPORTS</b>	
<b>Minimal Invasive Parathyroidectomy in A Patient of Parathyroid Adenoma - A Case Study</b> <i>Syed Hashim Ali Inam, Hamza Jamil, Syed Khurram Shahzad</i>	1941
<b>Perineal Ectopic Testis - A Rare Anomaly With Empty Scrotum</b> <i>Safdar Hussain Awan, Naveed Ahmed, C. Aqeel Safdar, Iftikhar Ahmed, Hashim Zaidi</i>	1944