

Editorial Advisory Board

Chairman

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

Members

Prof Rasikh Magsood

Prof Wasim Alamgir

Dr Salman Ashraf

Dr Qamar Ul Haq Noor

Dr Muhammad Aleem

Dr Qamar Hussain Sial

Editorial Committee

Chief Editor

Prof Sayed Nusrat Raza

Editor

Prof Khadija Qamar

Ioint Editors

Prof Muhammad Alamgir Khan

Prof Palvasha Waheed

Assistant Editors

Dr Syed Fawad Mashhadi

Prof Kulsoom Farhat

Dr Shamaila Mohsin

Dr Aliya Hisam

Dr Muhammad Rizwan Bashir Kiani

Dr Aiza Saadia

Dr Rimsha Zia

Dr Junaid Aslam

Managing Editor

Dr Rehana Khadim

Statistician

MsAnam Haider

Bibliographer

Mr Mudassar Mustafa

Editorial Board Members

International

Prof Mohammad Bagher Rokni (Tehran, Iran)

Dr Sajid Hassan Butt (NHS UK)

Dr Faiza S Khan (Public Health UK)

Prof Adeel Ajwad Butt (USA)

Prof Nimalka Ariyaratne (Sri Lanka)

Dr Neil Carr (NHS UK)

Prof Moeed Iqbal Qureshi (KSA)

National (Extra-Organizational)

Prof Khalid Masood Gondal, TI (Lahore)

Prof Assad Hafeez (Islamabad)

Dr Amina Ahmad (Lahore)

Prof Rubina Naqvi (Karachi)

Prof Shoaib Shafi (Islamabad)

Prof Waheed-uz-Zaman Tariq (Lahore)

National (Organizational)

Prof Farrukh Saeed

Prof Muhammad Asad Oureshi

Prof Hafeez-Ud-Din

Prof Safdar Hussain

Dr Naeem Raza

Dr Riaz Ahmad Dr Iram Lehrasab

PAKISTAN ARMED FORCES MEDICAL JOURNAL Vol-71, No. 6, December 2021

Recognized by PMC & HEC

CONTENTS

EDITORIAL	
Student Support System	1909
Khadija Qamar	1909
ORIGINAL ARTICLES	
Comparison of the Efficacy of Total Laryngeal Anesthesia and Simple Local Anesthesia During Awake Fiberoptic Bronchoscopy	
Asif Ullah Khan, Muhammad Khalid Azam Khan, Abdul Latif Khattak, Shazia Naz, Syed Karamat	1911
Hussain Shah Bukhari, Muhammad Tahir Ibrahim	
Efficacy of Methotrexate Versus Leflunomide Versus Combination of Both in Active	
Rheumatoid Arthritis Syed Haider Tirmizi, Amer Fakhr, Ahsan Amer, Kaswar Sajjad, Khurram Haq Nawaz, Abid Sharif	1916
Diagnostic Accuracy of Serum Ferritin and Soluble Serum Transferrin Receptor, Taking	
Bone Marrow Iron Stain as A Gold Standard for Iron Deficiency Anemia in Heterogenous	1020
Group of Patients	1920
Tayyaba Ashiq, Ammara Hafeez, Abdus Sattar, Nasiruddin, Naureen Saeed, Faiza Mushtaq	
Motivational Factors and User Awareness in Patients Using Skin Lightening Creams Reporting to Dermatology Out Patient Department in Combined Military Hospital	
Rawalpindi	1925
Sakina Sadiq Malik, Asher Ahmed Mashhood, Moizza Tahir, Irfan Jamil Minhas, Sunniya Sadiq	
Comparison of Progressive Muscular Relaxation (PMR) and Music Therapy (MT) in	1020
Reducing the Anxiety, Depression and Stress Symptoms Among Nurses Nazia Mustafa, Midhat Farzeen, Shoaib Kiani, Sana Khan, Noor Ul Ain, Jaweria Mumtaz	1930
Depression and Its Associated Factors: A Study on Caregivers of Psychiatric Patients	
Nomita Imtiaz, Shiraz Hussain, Siddique Kakar, Sana Khan, Mohsin Alimudin, Mohammad	1933
Kamran, Sohail Ali	
Self-Inflicted Firearm Injuries as Compared to the Accidental Firearm Injury; A Comparative Analytical Study to Determine the Commonest Site of Non-Suicidal	
Self-Inflicted Injuries	1937
Syed Shehzad Husnain, Syed Taokeer Ahmed Rizvi, Imran Ashraf, Romesa Qaiser Khan, Waseem	
Khan Niazi, Ali Shan Rao	
A Multicentric Comparative Study Identifying 'Research Obstacles' Among Postgraduate Residents of Different 'Medical & Dental Institutes of Balochistan and Punjab'	1941
Nabiha Farasat Khan, Muhammad Saeed, Imran Saeed, Arshad Kamal Butt	1941
Overview of Patient Preferences in the Surgical Management Plan of Early Breast Cancers	
Ayesha Khan, Afroz Mushtaq, Syeda Rifaat Qamar Naqvi, Razia Bano, Fahad Ali Khan,	1947
Ruqia Begum, Said Zaman, Sana Mushtaq	
Comparison of Effects of Different Nail Tip Positions on Anterior Knee Pain After Intramedullary Interlocking Nailing for Tibial Shaft Fractures	1950
Muhammad Hassan, Adnan Anwar, Hassan Udin Hassan, Muhammad Rehan Saleem, Usman Arif	
Assessment of Sleep Quality in Patients with Type 2 Diabetes Mellitus: A Prospective	
Observational Study from A Tertiary Care Centre Syeda Ramsha Batool, Insia Hasan, Jawed Akbar Dars, Rabisa Batool, Syed Masroor Ahmed,	1954
Muhammad Iqbal	
Endocrinopathies in Thalassemia Patients	
Umer Touheed, Samra Maryam, Hafiz Muhammad Murtaza, Muhammad Mujtaba Sabir,	1958
Lutfullah Goheer, Aamir Aslam Awan	
Comparison of 128-Slice Spiral Computed Tomography Pulmonary Angiography (CTPA) Findings with Plasma D-Dimer Levels in Patients with Clinical Suspicion of Pulmonary	
Embolism	1962
Uzma Nisar, Hina Nasir, Atiq Ur Rehman Slehria, Abdur Rahim Rahim Palwa, Rashid Hussain,	
Danish Hassan Khan Iron Deficiency Anemia; Challenges the Diagnostic and Prognostic Efficacy of HbA1c in	
Diabetes Mellitus	406
Misbah Batool Bukhari, Munazza Asad, Ghulam Mustafa Lodhi, Ayesha Shafqat, Roomisa Anis,	1967
Azhar Ali Kazmi	
A Comparison of Suprascapular Nerve Block vs Intraarticular Steroid Injection in Improvement of Hemiplegic Shoulder Pain	1971
Musab Bin Noor, Aamir Waheed Butt, Waseem Iqbal, Maimuna Rashid	1771
The Speech Sound Errors and Literacy Skills in Children with Orofacial Clefts	1976
Arooj Karim Khan, Aasma Yousaf, Sharmeen Aslam Tarer, Rukhsana Kausar	1970
Comparison of Ultrasound Guided Modified Pectoral Nerve Block with Local Anaesthestic Infiltration for Analgesia in Breast Cancer Surgery	1981
Usman Saqib, Rashid Iqbal, Sana Usman, Muhammad Rashid Hanif	1901
Association of Body Mass Index and Lipid Profile with Chronic Hepatitis C Infection	1995
Amna Younas, Waqas Hanif, Oshaque Ali, Sumaira Jamal, Aqsa Nawaz, Qurat Ul Ain	1993
Managing Mass Casualties in Limited Resource Setting: A Comparison Between a	1000
Peripheral Hospital and Forward Treatment Center Mobeen Ikram, Saira Mahboob, Nudrat Zeba	1989
Central Macular Thickness After Cataract Surgery in Patients with Diabetes Mellitus and	
Without Diabetes Mellitus	1993
Marrium Shafi, Muhammad Akmal Khan, Yaseen Lodhi, Asma Aftab, Muhammad Haroon Sarfraz	
Audit of Management of Adult Choledochal Cysts Ammad Ud Din Nasir, Muhammad Shoaib Khan, Anas Bin Saif, Qasim Butt, Hanif Abbasi	1997
Ananaa Ga Din 19001, 1910100111100 Dionio Muni, Anno Din Sulj, Quotin Dutt, Hunty Avoust	L

Perceptions of Trainees About Use of Simulation in Gynaecology and Obstetrics	
Maimoona Hafeez, Nudrat Sohail, S H Waqar	2001
Dissertation Writing: An Analysis of Various Barriers to Its Success in Promoting Research Culture in Pakistan Qudsia Nawaz, Humaira Tabbasum, Shehla Baqai	2007
Negative Appendectomies are More Common in Females of Reproductive Age Group Zahid Ali, Muhammad Rahil Khan, Riyasat Ahmed Memon, Ikram Din Ujjan, Fida Hussain, Zainab Nisar	2011
Comparison of Nutritional Status of Doctors in Services Hospitals with That of Equivalent Social Strata in Relation to Their Eating Habits and Physical Activity Asif Mumtaz Sukhera, Rukhsana Roshan, Sadia Sajjad, Sarah Tanvir, Syed Fawad Mashhadi	2015
Validation of Urdu Version of Center for Epidemiological Studies for Depression Scale for Children in Context of Pakistan Nazia Mustafa, Aneela Maqsood	2019
Immunogenicity and Safety of Inactivated SARS-Cov-2 Vaccine (Vero Cell), BBIBP-CORV (Sinopharm); An Observational Study from Pakistan Muhammad Farooq, Muhammad Fayyaz Malik, Ashfaq Hussain, Majid Latif, Muhammad Usman Rathore, Rehan Ahmad Khan Lodhi	2024
The Survival Rate of Chick Embryo Influenced by Nicotine and Antioxidant Green Tea (Camellia Sinensis) Maryam Shan, Shazia Muazam, Hina Shan, Fahad Atta, Zubia Iftikhar, Amna Khalil	2029
Role of Alpha Blocker in Ureterorenoscopy Aamer Nadeem, Noreen Anwar, Naveed Ahmed, Yasser Saeed Khan, Irum Rashid, Mujahid Zulfiqar Ali	2023
Determinants of Quality of Life Among Upper Limb Prosthesis Users Pakistan: A Multicenter Study Faiza Sethi, Nazia Mumtaz, Ghulam Saqulain	2037
Ocular Surface Disease Among Patients with Open Angle Glaucoma Using Topical Anti-Glaucoma Medications Hassaan Javaid, Omar Zafar, Seemal Akram, Sana Abbas, Ikram Ullah Khan, Haroon Javaid	2041
Effectiveness of Steroids Versus Immunomodulators in Treatment of Vernal Kerato-Conjunctivitis. A Study at Armed Forces Institute of Ophthalmology Zahra Arsalan, Omer Zafar, Syed Abid Hassan Naqvi, Quratulain Zamir	2045
Anxiety and Depression in Children and Adolescents with Congenital Heart Disease Before and After Surgical Intervention Period Kiran Azim, Abdul Malik Sheikh, Muhammad Masood Khokhar, Asma Kanwal, Touqeer Akbar, Shafaq Masood	2049
Cross-Reactivity of COVID-19 IgG Assay with Known Immune-Mediated and Infectious Disorders Nayab Zehra, Muhammad Dilawar Khan, Hijab Batool, Omar Rasheed Chughtai, Akhtar Sohail Chughtai, Muhammad Usman	2053
Maternal Outcomes of Pregnancy-Related Acute Kidney Injury Muhammad Irfan Khattak, Samina Naseem Khattak, Ayesha Imran, Khawar Kamal, Umairah Yaqoob	2057
Cardiogenic Shock in Patients with Acute Non St-Elevation Myocardial Infarction (NSTEMI) Wazeer Hussain, Arsalan Younus, Naveed Ahmed Shaikh, Zeeshan Shaikh, Sanaullah Shaikh, Muhammad Hassan, Moiz Ahmed	2061
Factors Associated with Non-Adherence to Hepatitis B Virus Antiviral Therapy	2065
Anum Khan, Asif Farooq, Abdul Rehman Arshad, Farrukh Saeed Outcome of Saline Wound Lavage Prior to Wound Closure in Gynaecological and Obstetrical Patients United Salary Towarks Wassery Malik Massery Bahar	2070
Uzma Saleem, Tayyaba Waseem, Malik Waseem Babar Effects of Unilateral Intravitreal Bevacizumab on the Contralateral Eye Having Diabetic Macular Edema Asia International Contralateral Eye Having Diabetic Macular Edema	2075
Aziz Jan Bashir, Abdul Hannan, Salman Sohail Chaudhary, Sarah Zafar, Abdullah Naeem Syed, Syed Hassan Massana Comparison of Haemodynamic Stability With 0.5% And 0.75% Hyperbaric Bupivacaine During Spinal Anaesthesia in Women Undergoing Caesarean Section Hina Iftikhar, Aneel Aslam, Habib Ur Rehman, Zulfiqar Ali, Mohammad Ali Abbass, Zulfiqar Haider	2078
Enhanced Recovery Pathways (ERAS) Implementation in Minimally Invasive Esophagectomy; an Early Experience	2082
Aaishah Riaz, Bilal Umair, Asif Asghar, Muhammad Imtiaz Khan, Raheel Khan, Azfar Bilal Efficacy of Negative Pressure Wound Therapy in Early Diabetic Foot Ulcer Management in Comparison with Advanced Moist Wound Therapy	2087
Naveed Ahmed Sheen, Ali Murtaza Samar, Muhammad Ibrar Butt, Zeeshan Ayub, Faisal Nadeem In Silico Characterization of Human Interferon Alpha/Beta Receptor 2 (Isoform A, B And C) Protein	
Ambreen Javed, Gulshan Ara Trali, Hassan Burair Abbas, Ália Sadiq Micro Needling Versus Carbon Dioxide Fractional Laser in Management of Acne Scars	2091
Shanza Obaid, Nadia Iftikhar, Asher Mashhood, Ayesha Khokhar, Zarnab Zainab, Kanza Aftab	2095
Outcomes of Refractory Status Epilepticus in Children Javeria Raza Alvi, Areeba Wasim, Mohsin Ali, Muhammad Athar Khalily, Zia-Ur-Rehman, Tipu Sultan	2099
Endoscopic Endonasal Dacryocystorhinostomy: Experience of Hundred Cases Muhammad Shahid, Muhammad Awais, Amjad Akram, Syed Abid Hassan Naqvi, Omar Zafar, Tahir Mumtaz Malik	2104
Diagnostic Significance of Measuring Reticulocyte Maturity Indices in Iron Deficiency Anaemia Tanweer Ahmed, Asad Mahmood, Nasir Uddin, Helen Mary Robert, Rafia Mahmood, Usman Tahir Swati	2109
Effect of Fine Particulate Matter Exposure on Triggering Depressive-Like Response and Total Body Weight in C57BL/6J Mice Saima Saleem, Shabnam Hamid, Maria Iram, Abdul Basit Jilani, Faiza Umbreen, Iram Zakria	2114
Outcome of Patients Treated with Bladder Preservation Protocol in Urothelial Carcinoma of Urinary Bladder Abdus Samad Syed, Sameed Hussain, Fouzia Abdus Samad	2118
Effectiveness of Comprehensive Campaign for Dengue Control in Southern Punjab, Pakistan - An Experience of 2 Years Muhammad Younas, Muhammad Asif Aziz, Raja Kamran Afzal, Hamid Iqbal, Mohsin Hussain, Rabia Salar Mir	2122
Evaluation of Dexmedetomidine on Hemodynamic Stress Response During Laryngoscopy and Intubation Abdul Raafeh Jamal, Bilal Yasin, Mohammad Saeed, Rao Ali Shan Khan, Syed Hamid Ali Shah, Muhammad Zeeshan Akbar	2126
Role of Interleukin-6 and Procalcitonin as Inflammatory Biomarkers in Evaluating COVID-19 Disease Severity on HRCT Chest an Experience At CMH Quetta Azeema Ahmed, Zeeshan Ayub, Farah Afzal, Saima Bashir, Hamid Iqbal, Khurram Haq Nawaz	2131
Efficacy of 5% Potassium Hydroxide Versus 10% Potassium Hydroxide Solution for the Treatment of Molluscum Contagiosum at A Tertiary Care Hospital Hina Saleem Baloch, Najia Ahmed, Arfan ul Bari, Omer Farooq, Abdullah Waqar Ahmad Qureshi	2135
Nutritional Status Assessment of Orphanage Children in Rawalpindi Mehwish Riaz, Naila Azam, Humaira Mehmood, Raima Asif, Nazish Khan, Fatima Ali Raza Mughal	2139

ssociation of Lattice Degeneration in Patients with Chronic Serous Chorio-Retinopathy arooq Ul Abidin, Muhammad Haroon Sarfraz, Hassaan Javaid, Asfandyar Khan, Summaya Khan, Haroon Javaid	2144
he Effect of Intravenous Magnesium Sulfate on Children Admitted with Acute Bronchiolitis in A Tertiary Care Hospital Indaleeb Ara, Farooq Ikram, Hidayat Ullah, Shakila Asmat, Nadia Tareen	2148
xperience of Severe Acute Respiratory Syndrome Coronavirus-2 (Sars-Cov-2) - COVID-19 At A Tertiary Care Hospital in Quetta, aluchistan laveed Asif, Shahzeb Ahmed Satti, Alveena Younas, Mehwish Gillani, Waqas Shaikh, Qurat Ul Ain	2152
arly Outcomes of Flexible Intramedullary Nailing in Pediatric Shaft of Femur Fractures Auhammad Umair Hashmi, Muhammad Nadeem Ahsan, Babar Bakht Chugtai, Saqib Majeed	2157
Cytogenetic Analysis of Patients with Ambiguous Genitalia ara Ali Zaidi, Asad Mahmood, Rafia Mahmood, Aamna Latif, Helen Mary Robert, Sarah Fatimah	2161
the Role of Diagnostic Oesophago-Gastroduodenoscopy (OGD) And Colonoscopy in Cancer of Unknown Primary Muhammad Ismail, Rao Saad Ali Khan, Farrukh Saeed, Muhammed Aasim Yusuf	2166
rocedural Technicalities and Outcome of Transcatheter Closure of Atrial Septal Defect Using Occlutech Device in Tertiary Care	2170
sma Kanwal, Abdul Malik Shiekh, Kiran Azim, Khushal Khan Khattak	
mmunoexpression of CD-10 In Basal Cell Carcinoma and Squamous Cell Carcinoma of Head and Neck Maria Ilyas, Muhammad Yasir Rafiq, Farha Farhan, Misbah Ali, Saeed Afzal, Zainab Niazi	2175
requency of Increased Plasma C-Peptide Levels in Colorectal Cancer Patients	2180
Muhammad Hasan Saleem, Shazia Nisar, Muhammad Zulqurnain Saleem, Husnain Saleem, Shoaib Mukhtar, Muhammad Anjum The Effect of Different Combinations of Calcium Hydroxide for Management of Post-Operative Pain in Acute Apical Periodontitis jmal Yousaf, Fatima Ali, Afshan Bibi, Ahsan Masood Ahmed, Sana Ashfaq, Syeda Fatima Tu Zahra	2184
valuation of Chondroprotective Effects of Hyaluronic Acid in A Rat Model of Osteoarthritis Joannan Ishaq, Shabana Ali, Muhammad Waqar Aslam Khan, Kulsoom Farhat, Nausheen Ata, Quratulain Mehdi	2189
Clinical Features and Outcome in Children with Langerhans Cell Histiocytosis. A Single Institution Experience from Pakistan lida Noor, Rabia Muhammad Wali, Anis-Ur-Rehman, Muhammad Abu Bakar	2194
valuation of Choroid Thickness Changes After Uneventful Phacoemulsification Surgery Using Spectral Domain Optical Coherence omography at A Tertiary Care Eye Hospital isha Rafique, Omar Zafar, Summaya Khan, Hassaan Javaid	2202
Complications of Intra-Abdominal Drains: A Single Center Experience Auhammad Azhar, Munawer Latif Memon, Naeem Akhtar, Anam Altaf	2207
atterns of Myoinvasion in Endometrioid Adenocarcinoma of Endometrium Mehroosh Shakeel, Sajid Mushtaq, Noreen Akhtar, Iftikhar Ali Rana, Raza Muhammad	2211
mpact of Cancer on Quality of Life & Depression Among Caregivers Aahwash Zulfiqar Khan, Nusrat Qamar, Shahbaz Ahmad, Abubakar Siddique	2216
The Ideal Profile (Increase in B-Lines / Delta B-Lines) on Lung Ultrasound for Diagnosing Weaning Induced Pulmonary Edema in Fentilated Patients Shulam Rasheed, Zahid Siddique Shad, Tooba Mehreen, Nusrat Kharadi, Moazma Ramzan, Azmat Abdullah, Kiran Abbas	2220
emen Analysis; Corner Stone in Evaluating Infertility ysha Khan, Zunera Sajjad, Shagufta Yousaf, Abeera Ahmed, Fatima Sana, Fawad Sana	2224
Comparison of Local Methylcobalamine Injection Versus Local Bupivacaine Injection for the Treatment of Acute Herpetic Neuralgia Shazala Yasmin, Naeem Raza, Arfan-Ul-Bari, Farah Yousaf, Summaya Saleem, Najia Ahmed	2228
atient and Observer Scar Assessment Following Basal Cell Carcinoma Surgery: Multicenter Quasi Experimental Study 10 izza Tahir, Ghazanfar Ali, Najia Ahmed, Jauhar Mumtaz Khan, Sakina Sadiq Malik, Muhammad Ali Tahir	2232
xploring the Knowledge and Practices of Australian Medical Students Regarding Infection Prevention and Control in Hospitals: Pilot Study	2236
Maha Pervaz Iqbal, Kerry Uebel, Md. Saiful Islam, Victoria Jabbour, John Hall, Abrar A. Chughtai, Najm Us Saqib Khan solation and Identification of Microbial Fauna in UTI Patients Muhammad Ilyas, Saffora Riaz, Ali Hassan	2242
actors Leading to Conversion of Laparoscopic Cholecystectomy to Open Cholecystectomy Auhammad Zubair, Ammad Ud Din Nasir, Arsalan Sharif Malik, Zeeshan Shaukat, Faheem Ullah Naz, Aman Ramzan	2245
Colistin Agar; Evaluation of A Novel Diagnostic Approach to Detection of Colistin Resistance and Ali, Wajid Hussain, Farooq Ahmad, Raja Kamran Afzal, Irfan Ali Mirza, Mariam Sarwar	2249
ASE REPORTS	I
rimary CNS Lymphoma Mimicking Tuberculosis Infection - A Case Report lassan Mumtaz, Shahzaib Ahmad, Fatima Yasin, Muhammad Ahsan Shafiq	2253
Case Report of Juvenile Form of Metachromatic Leukodystrophy Muhammad Mohsin Sajjad, Sidra Yousaf	2255
Lenal Disease in Systemic Lupus Erythematous: All That Glitters is Not Gold Infiz Waleed Khan, Abdul Rehman Arshad, Abdul Wahab Mir	2257
Phange of Name by a Psychotic Patient: Is it Manifestation of a Psychopathology Missed Until Now?	2259
Isama Bin Zubair, Eugene G Breen, Muhammad Shahbaz Shoaib, Hamza Bin Zubair	
lsama Bin Zubair, Eugene G Breen, Muhammad Shahbaz Shoaib, Hamza Bin Zubair ETTER TO THE EDITOR	