

#### **Editorial Committee**

Chief Editor

Prof Muhammad Suhail Amin HI(M)

Editor

Prof Khadija Qamar

**Associate Editor** 

Prof Palvasha Waheed

Joint Editor

Prof Muhammad Alamgir Khan

**Assistant Editors** 

Dr Syed Fawad Mashhadi

Prof Kulsoom Farhat

Dr Muhammad Rizwan Bashir Kiani

Dr Aiza Saadia

Dr Rimsha Zia

Dr Junaid Aslam

Prof Muhammad Luqman Satti

Dr Muhammad Kaleem

**Managing Editor** 

Dr Rehana Khadim

Statistician

Ms Anam Haider

Ms Shabnam Shahzadi

Superintendent

Mr Mudassar Mustafa

### **Editorial Board Members**

#### International

Prof Adeel Ajwad Butt (USA)

Prof. Assad Hafeez (UK)

Prof Ishfaq Bukhari

Prof. Sultan Ayoub Meo (KSA)

Dr. Abeer A. AL-Masri (KSA)

Dr. Fariha Altaf (Kuwait)

Dr Sajid Hassan Butt (NHS UK)

### National (Extra-Organizational)

Prof Khalid Masood Gondal, TI (Lahore)

Dr Amina Ahmad (Lahore)

Prof Rubina Naqvi (Karachi)

Prof Shoaib Shafi (Islamabad)

Prof Waheed-uz-Zaman Tariq (Lahore)

## PAKISTAN ARMED FORCES MEDICAL JOURNAL

Vol-74, SUPPL-2 2024 Recognized by PMDC & HEC

# CONTENTS

EDITORIAL	
Empowering Through Peer Power: A Casual Learner-Mediated Collaborative Approach of Undergraduate Medical Students to Elevate Their Learning Outcomes	S77
Umme Ammarah Omer Malik, Sana Siddiqi	
ORIGINAL ARTICLES	
Maternal Plasma Lipid Concentration in Early Pregnancy and Risk of Preeclampsia Faiqa Chughtai, Humna Syed, Mehwish Ara Shams, Amim Muhammad Akhter	S79
Risk Factors of Colorectal Cancer Other than Genetic Factors at Jinnah Post Graduate Medical Center Muhammad Hayat, Ghulam Haider, Raja Rahool, Saima Zahoor, Shakeel Akbar, Perwasha	S83
Kerio  Comparison of Preoperative and Postoperative Corneal Astigmatism after Phacoemulsification Through A 2.75mm Clear Corneal Temporal Incision Kainaat Talat, Tariq Munawar, Shehar Bano, Najma Balkees Malik, Fahad Ikram, Zaheer Uddin Baber	S88
Role of 18-Fluorine Fluoro-deoxy Glucose Positron Emission Tomography (FDG-PET/CT scan) in Suspected Relapsed Ovarian Cancer; an Institutional Experience.  Abdul Wahab, Muhammad Rashid Hanif, Saima Riaz, Shafquat Ali Khan, Musa Azhar, Neelam Siddiqui	S92
Comparing Efficacy of Oral Hydroxy Chloroquine versus Oral Acitretin in Lichen Planus Sarah Anwar, Malik Muhammad Hanif, Rozena Tumrani, Maryam Mumtaz	S98
Common Presentation and Clinical Correlates of Celiac Disease in Pediatric Population of Pakistan  Mumtaz Ali Bharo, Kamran Ali Shahani Baloach, Bakhtiar Ahmed Bhanbhro, Hamza	S101
Ishfaq, Kiran Abbas  Is Endoscopic Dacrocystorhinostomy an Alternative to External Approach Dacrocystorhinostomy Shaista Haider, Syed Abid Hassan Naqvi, Sidra Malik, Zamir Iqbal	S105
Long-Term Outcome of Children with Steroid-Resistant Nephrotic Syndrome: A Single Center Experience from Pakistan Lubna Aman, Madiha Aziz, Noureen Akhtar, Muhammad Mubarak, Ali Asghar Lanewala, Seema Hashmi	S109
The Occurrence of Metabolic Syndrome in Patients with Psoriasis  Musarrat Hussain Raza, Nadia Iftikhar, Asher Ahmed Mashhood*, Muhammad Ammar  Bin Hamid, Shahan Tariq, Farhat Rehman	S114
Perception About One Minute Perceptorship in Postgraduate Training of Ophthalmology  Mir Ali Shah, S H Waqar	S119
Association of vitamin D, B-12 and Calcium levels in middle age women presenting with body aches and pains Vitamin D, B-12 and Calcium levels in aches and pains  Syed Sarosh Jamal Peerzada, Khurram Haq Nawaz, Muhammad zahid hussain, Hamad Khan, Syed Umer Shah, Hamid Mukhtar Butt	S123
Diagnostic Accuracy of Mammography for Breast Cancer Diagnosis, Taking Histopathology as Standard Investigation Sidra Latif, Sughra Perveen, Mazhar Iqbal, Tanweer Ahmed, Kulsoom Moula Bux, Jehangir Ali Soomro	S127
Comparison of Efficacy of Cyclophosphamide Versus Tacrolimus in Children with Steroid Dependent and Frequent Relapsing Nephrotic Syndrome Khuram Rashid, Muhammed Imran, Hashim Raza, Shahid Ishaq, Muhammad Amir Misbah ul Qamar, Tahira Sumreen	S132
Association of Chronic Urticaria with Hepatitis C Infection in Female Patients Visiting Tertiary Care Hospital in Pakistan Sana Waqar Qureshi, Farid ur Rehman, Bilgees Fatima, Shamsa kanwal, Sidqa Jamil	S137
Exploration of Teaching Methodology in a Medical College, Rawalpindi: A Qualitative Assessment from Students' Perspective Naseer Alam Tariq, Amna Yousaf Shah, Adeel Ahmed Jafri, Azka Aslam Bajwa	S141

Impact of Undiagnosed Hypertension in Patients Presenting with Stroke: Comparison with Patients Having Diagnosed Hypertension  Muhammad Ahsan Mahmood, Salman Saleem, Soban Ahmed Tariq, Ahmad Sagheer Cheema, Amar Anwar, Iqra Anwar	S147
Recurrent Wheezing in Preschool Children; The Associated Factors. A Cross Sectional Study in Tertiary Care Hospital Shaista Mumtaz, Farooq Ikram, Sarah Javed, Asbah Rahman, Ammara Jamil, Atif Naseem Abbasi	S151
Association of Various Factors with Acute kidney injury in Children Presenting with Acute Gastroenteritis Samina Tabsassum, Amjad Iqbal, Sehrish Anjum, Saeed Zaman, Tehreem Iqbal, Khush bakhat Khanzada Rajput	S155
Comparing Cervical Vertebra Maturation and Modified Middle Phalange of Finger Maturation (MP3) for Assessment of Pubertal Growth Spurt  Sumbal Hayat, Nasrullah Mengal, Hammal Baloch, Fakhira Nizam	S159
Gestational Diabetes Mellitus: Closely Monitored yet Ignored Tasneem Akhtar, Huma Tasleem, Gulshan Ara Saeed, Jawad Zaka Khan	S164
Risk Factors associated with In-Hospital Death in Adult COVID-19 Patients in Karachi, Pakistan: A Retrospective Chart Review  Imran Ahmad, Farooq Azam Rathore, Muhammad Nadir Khan, Shaikh Nabi Bukhsh Nazir	S169
Dextromethorphan Role on Cough Suppression and Patient Procedure Tolerance in Flexible Bronchoscopy Mehvish Aqil, Mehr Muhammad Imran, Umar Usman, Saqib Musharaf, Zaheer Ahmed, Ali Hamad	S175
Tip Apex Distance as Predictor of Mechanical Complications in Unstable Intertrochanteric Fractures Treated with Proximal Femoral Nails  Muhammad Asif Rasheed, Muhammad Nadeem Chaudhry, Malik Muhammad Haseeb, Muhammad Junaid, Kashif Ali Naz	S179
The Functional Outcome of Total Hip Replacement in Patients with Osteonecrosis of the Femoral Head: Study from a Tertiary Care Centre  Muhammad Tahir Lakho, Muhammad Azfar Khanzada, Mumtaz Ali, Zulfiqar Ali Memon, Bashir Ahmed, Anisuddin Bhatti	S184
Comparative Analysis of Effect of Lidocaine and Adrenaline Soaked Gauze Versus Normal Saline Soaked Gauze at Skin Graft Donor Site of Thigh: A Randomized Control Trial  Zaara Zahid, Hyder Ali, Roqayyah Munawwer Khursheed, Unza Shaikh, Sindhu Khan	S189
Positive Findings on Magnetic Resonance Imaging (MRI) of the Patients Diagnosed with Vertebral Metastases on Bone Scintigraphy  Syeda Beenish Zahra, Ayesha Isani Majeed, Joveria Ehsan	S195
Comparison of Onlay Mesh Repair Vs Sublay Mesh Repair for Ventral Abdominal Hernias: A Focus on Post Op Seroma Formation Fahim Liaqat, Muhammad Qasim Butt, Usman Ghani, Mansoor Tariq Azeem, Muhammad Shoaib Khan, Tayyaba Mushtaq Khan	S199
Analgesic Effects of Magnesium Sulphate in Patients Undergoing Laparoscopic Cholecystectomy  Talha Yaseen, Syed Ali Mazhar Rizvi, Khalid Mahmood, Usman Eijaz Malik, Majid Aziz, Abid Khan	S204
Anti-Inflammatory Effect of Moringa Oleifera and Vitamin D On Articular Cartilage Degradation in Arthritic Rat Model: A Comparative Study  Ayesha Shahid, Shabana Ali, Tayyaba Qureshi, Irum Zakria, Kaukab Anjum, Nomanna	S208
Acceptance Towards COVID-19 Vaccination in Breast Cancer Patients: An Analytical Cross-Sectional Study in A Tertiary Care Hospital of Rawalpindi, Pakistan  Asmara Ahmed Malik, Zubaida Rashid, Syeda Rifaat Qamar Naqvi, Mommana Ali Rathore, Nadia Ramzan	S214
Comparison of Post Dural Puncture Headache Among Patients Administrated Spinal Anesthesia with 25 Gauge and 27 Gauge Needles Undergoing Elective Cesarean Section  Syeda Amna Tahir, Fakhra Fakhr, Raja Azhar Mahmood, Wajeeh Ur Rehman	S220
Diagnostic Accuracy of Magnetic Resonance Imaging in diagnosing Urinary Bladder Cancer, Taking Histopathology as Gold Standard  Mubashrah Aziz, Sadaf Aziz, Ammara Tariq, Yasser Khan, Atif Latif, Munazzah Aziz	S226
Exploring Perspectives of Basic and Clinical Sciences Medical Students on Research  Iffat Naiyar, Iffat Noor, Wajeha Najeeb, Aneeqa Chughati, Muhammad Abdullah Ehsan, Shehryar Arshid	S231
Clinical Assortment of Preeclampsia in Women with Diabetes Mellitus Type 1 During Early Pregnancy: An Investigative Analysis  Arfa Khalid, Bilqees Akhtar, Tehreem Yazdani, Sadaf Zohra, Shazia Firdos Chohan	S236
Efficacy of JAK-JANUS Kinase Inhibitors as Mono Therapy and in Combination with Methotrexate in Active Rheumatoid Arthritis  Hamna Wajid, Fawad Rehman, Zahid Hussain Rana, Rizwan Azam, Sidra Batool, Zoha Hashmi	S242
Functional Outcome and Complications Following PHILOS Plate Fixation in Proximal Humeral Fractures Shafqat Hussain, Mehmood Hussain, Ali Arslan Munir, Sundus Jabeen, Muhammad Noman Iqbal	S247
Comparison Between I-Gel and Endotracheal Tube for Peak Airway Pressure During General Anesthesia in Pediatric Inguinal Hernia Surgeries  Muhammad Ahmed Raza, Bilal Yasin, Humayun Munir Tarar, Mansoor Hussain, Muhammad Muzzamil Saleem, Abdullah Sher Kakar	S252
Efficacy of Sodium Tetradecyl Sulphate for the Treatment of Venous Malformation of the Head and Neck	S257

Komal Akram, Uzair Bin Akhtar, Shoaib Younus, Omer Sefvan Janjua, Rubbab Zahra , Sana Babar	
Effect of Iron Deficiency Anemia on Insulin Like- Growth Factor-1 Level Among Children: A Cross-Sectional Study Muhammad Usman, Zujaja Hina Haroon, Muhammad Qaiser Alam Khan, Muhammad Anwar, Muhammad Younas, Maimoona Roghani	S263
Role of CCRT in T3n0 Squamous Cell Carcinoma Larynx, Pros Vs Cons Ayesha Khan, Naeem Riaz, Faisal Manzoor, Kamran Zamurrad Malik, Shakeel Ahmed, Muhammad Ali	S268
Psychological Health of Pregnant Women Experiencing Domestic Violence in Central Rukhsar Fatima, Tahira Parveen, Abdul Junaid, Jawwad Muhammad Shujaat	S274
Effectiveness of One Minute Preceptor Model of Teaching, in Ophthalmology Students of Mohtarma Benazir Bhutto Shaheed Medical College, Mirpur, Azad Jammu Kashmir Waseem Ahmed Khan, Tanwir Khaliq	S278
Pooling of Urine Specimens for Diagnosis of Asymptomatic Chlamydia Trachomatis Infection by PCR in a Population of Low Frequency, a Cost-Saving Technique for Epidemiological and Screening Programs  Nawwal Naeem Chaudhary, Irfan Ali Mirza, Umar Khurshid, Ammarah Iqbal Muhammad, Shazia Gullalai, Sakeenah Hussain Naqvi	S284
Comparison of Serum Procalcitonin Levels in Patients with Gram-Negative and Gram-Positive Sepsis Sayeda Basma Bukhari, Uzma Naeem, Afshan Bibi, Javaid Usman, Qurat ul ain Mustafa, Saima Bashir	S289
The Impact of Ginger on Alleviating Motion Sickness Mohammad Tariq, Sikandar Ali Khan, Sheraz Afzal Malik, Muzafar Ahmad Chandio	S295
Outcome of Flexible Nailing in Forearm Fractures in Children  Hafiz Faiz ur Rehman, Muhammad Suhail Amin, Mian Qaisar Ali Shah*, Muhammad Labib, Muhammad Nouman Iqbal, Bilal Ahmed  Qureshi	S300
Comparison of Functional Outcomes after Volar Plating versus Conventional Percutaneous Kirschner Wire Fixation in Distal Radius Fractures Faisal Nadeem, Muhammad Nouman Iqbal, Muhammad Asif Rasheed, Muhammad Junaid	S304
Impact of Migraine on Symptoms of Fibromyalgia Babar Ejaz, Fuad Ahmad Siddiqi, Waqar Anwar, Adnan Manzar, Fawad Ahmed, Hassam Abdullah	S310
Acute Renal Injury in Patients with ARDS: Presence and Associated Factors Sumbul Shahzadi, Fuad Ahmad Siddiqi, Imran Khan, Kanaz Ahmad Siddiqi, Amen Ejaz, Ayesha Ashraf Cheema	S315
Achieving Predictable Success with Minimal Morbidity: Analysis of the Indirect Sinus Lift Technique for Maxillary Dental Implant Placement ShafiUllah Khan, Adnan Babar, Ali Akhtar Khan, Muhammad Ishaq, Shahid Iqbal Khan, Idrees Khan	S320
Frequency of Esotropia and its Management in Pediatric Age Group at CMH Quetta Sarah Naveed Malik, Hannan Masud, Quratulain Zamir	S324
Estimation of Postmorterm Interval by Using Myoglobin Concentration in Blood, Liver and Parotid Glands of Albino Rats Rabia Nasir, Sadaat Ibrahim, Aatiqa Abbas, Arif Rasheed Malik, Noreen Kashif, Mohsin Munawwar	S323
Accuracy of Transabdominal Ultrasonography in Diagnosing Ectopic Pregnancy, Taking Surgical Findings as Gold Standard  Muhammad Asif Javed, Ayesha Niaz*, Uroosa Asim**	S334
Role of Prophylactic Transamine in Reducing Blood Loss during Elective Cesarean Delivery Saima Irfan, Tehreem Yazdani, Salma Nisar, Maliha Khawar, Hira Shafqat	S339
Perinatal Potential Hazards of Hepatitis; a Tertiary Care Study  Ambreen Aisha, Asim Hussain, Naheed Bano, Nadia Afsheen, Muhammad Haseeb Anwar Tarar, Mazhar Iqbal	S343
CASE REPORT	
The Lost art of Tubal Ligation, Suture or Technique? Viqar Ashraf, Rabia Sajjad	S349