

---

**PAKISTAN ARMED FORCES MEDICAL JOURNAL**


---

**Subject Index**


---

**Volume 70**


---

|   |     |
|---|-----|
| Dignity of Research Authorship  | 01  |
| Wound Complications Due To Diabetes in Patients Undergoing Abdominal Surgery  | 03  |
| Frequency And Type of Dysplasia in Ulcerative Colitis in Colorectal Biopsies  | 08  |
| Job Satisfaction And Self-Esteem Among MBBS And Specialized Doctors Serving in CMH & PEMH, Rawalpindi   | 12  |
| Haemostatic Role of Tranexamic Acid In Endoscopic Sinus Surgery – An Interventional Study   | 17  |
| Frequency of Inherited Platelet Function Disorders – Armed Forces Institute of Pathology Experience   | 22  |
| Spectrum of Malignant Tumours in Adolescence And Young Adults: An Analysis of 1873 Cases  | 27  |
| Dental Curriculum Development By Engaging Students: The Need of Time  | 32  |
| Etiology And Clinical Profile of Pediatric Chronic Liver Disease  | 38  |
| Evaluation of p53 And Ki67 Proliferative Index in Triple Negative Breast Carcinoma  | 43  |
| Donor Site Morbidity of Radial Forearm Free Flap; A Case Series   | 48  |
| Comparison of Dexmedetomidine And Midazolam For Sedation And Analgesia During Septoplasty Under Monitored Anesthesia Care   | 53  |
| Laparoscopic Appendectomy in Obese. An Attractive Option  | 58  |
| Frequency of Prostate Carcinoma Having Raised Serum Prostate Specific Antigen Level in Transurethral Resection of Prostate  | 63  |
| Comparison of Perioperative Use of Tranexamic Acid With Placebo in Patients With Hip Fractures in Terms of Frequency of Deep Venous Thrombosis  | 68  |
| Attitudes Towards Mental Health Services Versus Faith Healing; Role of Stigma And Mental Health Literacy  | 73  |
| Burden of Multi - Drug Resistant, Extensively - Drug Resistant And Pan - Drug Resistant Superbugs Isolated From Various Indoor Microbiological Specimens At Tertiary Care Centers Rawalpindi                              | 79  |
| Factors Affecting Life Style Adaptation/Consistency Among Cases of Type 2 Diabetes Mellitus in Urban Pakistan   | 86  |
| Efficacy of Ultrasound Guided Bilateral Transversus Abdominis Plane Block For The Acute Post-Operativepain Relief in The Obstetrics & Gynecological Surgeries in First 24 Hours   | 91  |
| Diagnostic Accuracy of Fractional Flow Reserve in Diagnosing Stentable Intermediate Stenosis in Patients of Coronary Artery Disease Keeping Angiography As A Gold Standard  | 96  |
| Removable Orthodontic Appliances And Patient Perceived Problems   | 101 |
| Body Esteem And Narcissism As Predictor of Social Physique Anxiety Among Adolescents  | 106 |
| Endoscopic Findings in Patients Presenting With Upper GI Bleed in A Tertiary Care Facility  | 112 |
| Diagnostic Accuracy of Fine Needle Aspiration Cytology in Detection of Thyroid Carcinoma in Patients With Thyroid Nodules Using Histopathology As Gold Standard   | 118 |
| Depth Dependent Heat Response on Odontoblast Layer: Comparison of High Speed Hand-Piece Diamond Versus Carbide Burs   | 124 |
| Evaluation of Obstructive And Restrictive Spirometric Defects in Treated Pulmonary Tuberculosis Patients  | 130 |
| Treatment of Closed Humerus Diaphyseal Fractures Using A Functional Brace   | 136 |
| Gender Based Cephalometric Evaluation of Position of Hyoid Bone in Different Skeletal Malocclusion Among Patients Reporting At Sandeman Provincial Hospital (SPH) Quetta  | 141 |
| The Role of Surgical Patient Enhancement Team (SPET) in Post Operative Recovery of Patients Who Underwent Laparoscopic Radical Nephrectomy Through Trans-Peritoneal Versus Retroperitoneal Access                         | 147 |
| Comparison of The Efficacy of Hydroxypropyl Methylcellulose/ Dextran, Sodium Hyaluronate And Polyethylene Glycol/ Propylene Glycol Based Commercial Artificial Tear Products Using The Noninvasive Tear Film Breakup Time | 153 |
| Precision of Hysterosalpingography (HSG) in The Diagnosis of Fallopian Tube Pathology Among Infertile Females   | 159 |
| Prophylactic Phenylephrine Reduces The Risk of Hypotension After Spinal Anaesthesia in Parturient Patients Undergoing Cesarean Section  | 164 |
| To Evaluate The Ameliorative Role of Vitamin E on Nephrotoxicity Induced By Vancomycin in Rabbits   | 169 |
| To Ascertain The Efficacy, Cost Effectiveness of Streptokinase As Intraluminal Thrombolytic For Occluded Tunneled Catheters in Dialysis Patients of A Tertiary Care Hospital-A Single Center Experience                   | 174 |
| Frequency of Polycystic Ovarian Syndrome in Female Medical Students of Combined Military Hospital Lahore Medical College  | 180 |
| Comparison of Cervical Cerclage And Vaginal Progesterone in Cervical Insufficiency: Our Experience At CMH Lahore  | 185 |
| Work Locus of Control As The Determinant of Work Life Balance And Job Satisfaction in Gazetted Administrative Officers  | 190 |
| Hypocalcemia Among Preterm And Very Low Birth Weight Neonates in A Tertiary Care Neonatal Unit  | 195 |
| Frequency of Common Food Allergens Among Patients Referred To A Tertiary Care Center  | 201 |
| Comparison of The Cardiovascular Disease (CVD) Risk Between Systemic Lupus Erythromatosis (SLE) Patients And Normal Control Group   | 205 |
| Comparative Analysis of Intermittent Bolus Versus Continuous Nasogastric Feeding in Preterm Infants   | 211 |
| Faculty Perception Regarding Integrated Curriculum At Undergraduate Level: A Qualitative Study  | 217 |
| Taurine Supplementation Normalizes Skeletal Muscle Functions in Type 2 Diabetes Rats  | 224 |
| Comparison of Patient'S Response in Laparoscopic Versus Open Cholecystectomy  | 230 |
| Efficacy of Intravenous Ketorolac in Post Electro-Convulsive Therapy (ECT) Headache   | 236 |

|   |     |
|---|-----|
| Efficacy of Topical Adapalene in Treatment of Plantar Warts   | 240 |
| Protein-Protein Interaction Analysis of Human Interferon Alpha Receptor 2 (IFNAR-2) Protein Using String Server   | 245 |
| Awareness of Surgical Procedures in Soldiers And Their Families   | 253 |
| Marital And Psychological Adjustment Among Working And Non-Working Married Women With Cardiac Ailments  | 257 |
| Best Community Engagement Strategies To Raise Culture of Organ Donation in Pakistan Using The University Platform   | 262 |
| Perception And Practices of Healthcare Providers And Hypertensive Patients For Accessing Treatment of Hypertension At A Tertiary Level Hospital in Rawalpindi, Pakistan: A Study Protocol | 270 |
| A 1.5 Year Old Boy With Toxic Epidermal Necrolysis Likely Due To Ibuprofen  | 274 |
| COVID-19, An Infodemic Associated With Pandemic: The Socioeconomic Implications And Pressure on Healthcare  | 278 |
| The Efficacy of Aprepitant (NK-1 Receptor Antagonist) As Prophylaxis For Postoperative Nausea And Vomiting  | 281 |
| Comparison of Analgesic Effect of Intravenous Paracetamol Vs Intravenous Ketorolac on Post-Operative Pain After Abdominal Surgery   | 286 |
| Efficacy of Mechanical Bowel Preparation For Elective Colorectal Surgery  | 291 |
| Frequency of Hyponatremia in Patients With Acute Cerebrovascular Accidents Presenting At Combined Military Hospital Peshawar  | 297 |
| To Determine The Association of Maternal Anemia With Perinatal Outcome in Tertiary Care Hospital  | 302 |
| Frequency of CALR Gene Mutation in Myeloproliferative Neoplasms   | 308 |
| Expression of P16 Mutant Protein And Ki67 in Cutaneous And Non-Cutaneous Melanoma   | 313 |
| Pre-Emptive Vs Conventional Method of Epidural Analgesia For Post Thoracotomy Pain: A Randomized Controlled Trial   | 318 |
| Association of Vitamin-D Insufficiency During Pregnancy With Maternal & Perinatal Morbidity And Mortality   | 323 |
| A Comparison of Nickel Ion Release in Saliva Between Orthodontic And Non - Orthodontic Patients   | 328 |
| Effect of Prunus Dulcis on Epithelial Damage Caused By Nonsteroidal Anti-Inflammatory Drugs   | 333 |
| The Knowledge And Perception of COVID-19 And Its Preventive Measures, In Public of Pakistan   | 338 |
| Antipersonnel Improvised Explosive Device (AP-IED) Blast At Muzaffarabad, AJK: Orthopaedic Injury Profile of Victims  | 346 |
| Efficacy of Intramuscular Phenylephrine For Maintenance of Maternal Hemodynamics in Caesarean Section Under Spinal Anesthesia   | 352 |
| Comparison of Laparoscopic Transabdominal Preperitoneal Repair (LAP TAPP) Vs Lichtenstein Repair in Incomplete Inguinal Hernia  | 357 |
| "There's Only One King And You Are Not Him" Followership Styles of Medical Residents in Pakistan  | 362 |
| The Effect of Ledermix Paste And Calcium Hydroxide As Intracanal Medicament on Pain After Instrumentation of Root Canals  | 368 |
| Frequency of Active And Latent Pulmonary Tuberculosis in Apparently Healthy Asymptomatic Young Patients Having Subtle Non-Specific X Ray Chest Abnormalities                              | 373 |
| Hospital Waste Management Practices At Pakistan Field Hospital Level II in United Nations Mission in Liberia  | 379 |
| Prevalence of Hepatitis B And C in Female Population Reporting For Antenatal Screening At Combined Military Hospital Hyderabad Sindh, Pakistan  | 385 |
| The Relationship Between Resilience, Emotional Intelligence And Their Influence on Psychological Wellbeing: A Study With Medical Students   | 390 |
| Role of Monotherapy Alpha Blockers Versus Combination Alpha Blockers And Anticholinergics in The Management of Lower Urinary Tract Symptoms/Benign Prostatic Hyperplasia                  | 395 |
| Three-Port Versus Four-Port Laparoscopic Cholecystectomy A Two Years Experience At Two Armed Forces Tertiary Care Hospitals   | 402 |
| Comparison of Ultrasound Elastography Versus B-Mode Ultrasound in Differentiating Malignant From Benign Cervical Lymph Nodes  | 409 |
| Condylar Changes Associated With Functional Orthopedic Appliances, in Skeletal Class II Patients  | 414 |
| Hepatocellular Carcinoma: Correlation of Alpha-Fetoprotein With Tumour Characteristics  | 420 |
| Multicenter National Study on Cardiopulmonary Bypass (CPB) Perfusion Practices During Adult Cardiac Study   | 425 |
| Securing Mesh With Skin Staples Versus Prolene Suture in Inguinal Hernia Repair: Effects on Post-Operative Complications  | 433 |
| Gender Differences in Attribution To Success And Failure in Exams: Students' Perspective  | 437 |
| The Efficacy of Aprepitant (NK-1 Receptor Antagonist) As Prophylaxis For Postoperative Nausea And Vomiting  | 281 |
| Comparison of Analgesic Effect of Intravenous Paracetamol Vs Intravenous Ketorolac on Post-Operative Pain After Abdominal Surgery   | 286 |
| Efficacy of Mechanical Bowel Preparation For Elective Colorectal Surgery  | 291 |
| Frequency of Hyponatremia in Patients With Acute Cerebrovascular Accidents Presenting At Combined Military Hospital Peshawar  | 297 |
| To Determine The Association of Maternal Anemia With Perinatal Outcome in Tertiary Care Hospital  | 302 |
| Comparison of Platelet Rich Plasma With Local Steroid Injection in The Management of Chronic Plantar Fasciitis  | 442 |
| Frequency of NRAS And KRAS Genes in Newly Diagnosed Acute Myeloid Leukemia Patients   | 447 |
| Comparison of Early And Delayed Mobility in Deep Venous Thrombosis For Development of Post Thrombotic Limb  | 453 |
| Stroke Associated Pneumonia (SAP) in Intensive Care Unit: Its Prevalence, Impact on Economical Cost And Length of Hospital Stay   | 457 |
| Perceived Stress And Adequacy of Social Support: Implications For Subjective Well-Being in Married Doctors  | 462 |

|  |     |
|--|-----|
| Ambulatory Mini Percutaneous Nephrolithotomy (Mini-PCNL): Feasibility And Outcomes in 1000 Cases in Pakistan   | 469 |
| Impact of Social Support And Adjustment Problems on Perceived Loneliness in Elderly  | 474 |
| Correlation of Glycosylated Hemoglobin And Mean Platelet Volume in Patients With Type II Diabetes Mellitus   | 480 |
| Knowledge, Attitude, And Practices Towards Exclusive Breast Feeding in Post Natal Mothers And Its Comparison Between Low Versus High Educational Status Mothers Attending Tertiary Care Hospital At Mirpur Azad Kashmir. A Comparative Cross Sectional Study | 485 |
| Causes of Exodontia And Its Relationship With Age in A Tertiary Care Dental Hospital   | 493 |
| Prevalence And Management of Polycystic Ovary Syndrome And Its Association With Demographics   | 498 |
| A Comparison of Morbidity And Mortality Among Early, Moderate And Extreme Premature Infants Reporting in Gilgit  | 503 |
| Factors For De-Selection of Potential Candidates For Live Donor Liver Transplant in A Tertiary Care Hospital   | 508 |
| Impact of Burn Severity, Time Since Burn And Age on The Cognitive Functioning of Women Who Had Burn Injuries   | 513 |
| Comparison of Efficacy of Cryotherapy Versus Oral Zinc Sulphate in The Treatment of Cutaneous Warts  | 519 |
| The Effect of Energy Drink on The Pancreas of Wistar Albino Rats - A Microscopic Study   | 524 |
| Prevalence of Left Ventricular Hypertrophy in Newly Diagnosed Hypertensive Patients  | 529 |
| Incidence of Micro Detachments After Successful Scleral Buckling Surgery For Macula-Off Retinal Detachments  | 535 |
| Counselling Needs of High School Students: Exploring Teachers' Perspective   | 540 |
| A Query About Continuous Professional Development From Dental Teachers   | 548 |
| Frequency of Psychiatric Disorders And Organic Illness Among Patients Reporting With Acute Behavioural Disturbance   | 555 |
| Clinical Spectrum of The Diseases And Their Outcome in Admitted Cases of Neonatal Intensive Care Unit in A Peripheral Military Hospital in Abbottabad  | 561 |
| Frequency of Undiagnosed Hypothyroidism in Obese Females   | 566 |
| IDH-1, ATRX And 1P19Q Co-Deletion in Diffuse Gliomas   | 571 |
| Efficacy of Different Placental Removal Methods in Terms of Blood Loss During Caesarean Section  | 578 |
| Efficacy And Beneficial Effects of Sofosbuvir With Daclatasvir on Liver Functions of Earlier Treatment Failure Patients Infected With Genotype 3 of Hepatitis C Virus  | 584 |
| A Comparative Study of Adherence And Non-Adherence To Medication Amongst Patients of Different System Specific Diseases  | 590 |
| Significance of Magnetic Resonance Imaging Findings in Pott's Disease. A Descriptive Case Series   | 594 |
| Ki67 As A Surrogate Marker For Mitotic Karyorrhectic Index in Neuroblastoma  | 599 |
| Evaluation of Root Canal Configuration of Maxillary Second Premolar in Armed Forces Institute of Dentistry Rawalpindi  | 605 |
| Preoperative Assessment of Scoring System Designed For Prediction of Difficult Cholecystectomy in Patients With Symptomatic Gall Stones  | 610 |
| Comparison of Dental Fluorosis Between Residents And Non Residents of Quetta   | 617 |
| A Study of Exodontia in Armed Forces Institute of Dentistry Rawalpindi   | 622 |
| The Risk Factors Associated With Diabetic Dyslipidemia And Anthropometric Parameters Linked With And Without Dyslipidemia in Type 2 Diabetes Mellitus  | 628 |
| Artificial Intelligence in Healthcare Setups: Pros And Cons And Way For Ward To Manage   | 634 |
| Meningococcal Disease Outbreak in A Liberian County  | 639 |
| How Modern Neuro Imaging And Neuro Intervention is Revolutionising The Management of Acute Ischemic Stroke   | 642 |
| Association of Serum Uric Acid Level With Short Term in-Hospital Mortality in ST Elevation Myocardial Infarction   | 644 |
| Determination of Renal Resistivity Index in Patients Having Type II Diabetes Mellitus  | 649 |
| Duration And Extent of Adipocere Formation in Hot - Humid Areas of Pakistan: A Retrospective Study   | 654 |
| Sociodemographic Correlates And Pattern of Psychiatric Disorders in The Hospitalized Patients of The Armed Forces Institute of Mental Health   | 663 |
| Contraception Practices in Relation To Sociodemographic Variables And Women Empowerment  | 669 |
| Protagonist Attitude of Care Providers in Escalating The Rates of Caesarean Section  | 675 |
| Overweight And Obesity: Frequency And Correlates Among The Patients of First Episode of Depression   | 683 |
| Efficacy Comparison of Subacromial And Posterior Approach Glenohumeral Joint Injections Using Triamcinolone Acetonide in Cases of Primary Adhesive Capsulitis  | 688 |
| Determining The Factors Influencing Patient Safety Culture in Hospital Settings  | 694 |
| Effect of Atropine Eye Drops 0.01% on Myopia Progression in High And Low Myopia in Patients Visiting Armed Forces Institute of Ophthalmology Rawalpindi  | 700 |
| Effect of Intravitreal Bevacizumab in Combination With Posterior Sub-Tenon Triamcinolone on Different Levels of Diabetic Macular Edema   | 705 |
| Early Outcomes of Proximal Femoral Nail Antirotation (PFNA) For Unstable Intertrochanteric Femoral Fractures   | 711 |
| Comparison of Chlorhexidine Dressing Versus Simple Occlusive Dressing in Preventing Central Venous Catheter Related Blood Stream Infection (CRBSI) in Medical Intensive Care Unit  | 715 |
| Chronic Obstructive Pulmonary Disease And Pulmonary Rehabilitation: Awareness Among The Patients   | 721 |
| Effect of Consanguineous Marriages on Perinatal Outcome  | 727 |
| Cancer And Quality of Life: Importance of Gender And Marital Adjustment in Psycho-Social Oncology  | 734 |
| Comparison of Rate of Retraction of Canine on Round And Rectangular Wires  | 740 |

|  |      |
|--|------|
| Frequency of MPL And JAK2 EXON12 Gene Mutation in Myeloproliferative Neoplasms   | 746  |
| Obstetrical Emergencies And Their Outcome in A Peripheral Hospital in Khyber Pukhtoonkhua  | 751  |
| Comparison of Variable Rate Phenylephrine Infusion With Rescue Phenylephrine Boluses Versus Rescue Boluses Alone For Prevention of Hypotension During Spinal Anesthesia For Elective Cesarean Delivery | 756  |
| Outcome of Retrograde Flexible Intramedullary Nailing in Femoral Diaphyseal Fractures of Children  | 760  |
| Vitamin D Deficiency in Critically Ill Patients: A Single Center Cross-Sectional Study   | 765  |
| Comparison of Active Isolated Stretch And Post Isometric Relaxation For Improving Hamstring Flexibility in Young Healthy Adults  | 770  |
| Effect of Alpha Tocopherol on Chronic Stress Induced Derangements in Neuropeptide Y on Sprague Dawley Rats   | 776  |
| Effect of Age And Gender on Acute Complications of Hemodialysis in Patients With Chronic Kidney Disease Secondary To Diabetes Mellitus   | 781  |
| Cholesteatoma Wall-A Useful Lining For Healthy Mastoid Cavity  | 787  |
| Changes in Corneal Biomechanics After Refractive Surgery Using Corvis ST - A Quasi Experimental Study  | 792  |
| Comparison of Oral Doxycycline With Oral Montelukast in The Treatment of Moderate Acne Vulgaris  | 797  |
| Perception of "Stress" And "Stressors" Among First Year Medical Students And Effect of Intervention on Their Stress Perception   | 801  |
| Diagnostic Accuracy of Ultrasound in Acute Appendicitis in Comparison With Alvarado Score Keeping Histopathological Correlation As Gold Standard   | 807  |
| Risk Factors in Children Presenting With Developmental Delayed   | 812  |
| Association Between Medication Adherence And Patients Factors With Type 2 Diabetes Mellitus in Majmaah City, Kingdom of Saudi Arabia   | 818  |
| Comparison of Procalcitonin And Hematological Ratios in Cord Blood As Early Predictive Marker of Neonatal Sepsis   | 824  |
| Prevalence And Correlates of Adjustment Disorder in Single Parent Mothers  | 830  |
| Needle Stick Injury And Awareness of Its Management Amongst Dental Interns in Lahore   | 835  |
| Effect of Lean Daily Management (LDM) System on Quality of Healthcare Delivery in Indoor Setting-A Pilot Study   | 842  |
| Impact of Specific Big-Five Factors on Body Dysmorphic Disorder Among Cosmetic Surgery Patients  | 849  |
| Efficacy of Topical Anaesthesia in Reduction of Oculocardiac Reflex During Squint Surgery  | 855  |
| Incidence And Risk Factors For Scar Dehiscence in Lower Segment Cesarean Section   | 862  |
| Comparison of Biometric Parameters And The Level of Agreement Between OB820 and IOL Master   | 867  |
| Acute Airway Obstruction Due To Kala Pathar (Paraphenylene Diamine) Poisoning: A Case Report   | 873  |
| Decision Making Challenges in Acute Stroke   | 876  |
| Differentiating Between Mad And Bad: Forensic Psychiatry Services May Be Need of The Hour  | 878  |
| Frequency of Headache And Improvement With The Treatment Among The Patients of Epilepsy  | 880  |
| Lipid-Lowering Efficacy of 20Mg Simvastatin Versus 5 Mg Rosuvastatin in Patients of Type 2 Diabetes  | 885  |
| Guillain-Barré Syndrome; The Seasonal Trends in A Cohort of Pakistani Population From Southern Punjab  | 890  |
| Maternal And Perinatal Outcome in Pregnancy Induced Hypertensive Mothers in Combined Military Hospital, Sialkot  | 896  |
| Patient Safety; Interventions To Reduce Hospital Errors  | 902  |
| Experience of Endoscopic Repair of Cerebrospinal Fluid Rhinorrhea  | 910  |
| Evaluation of The Efficacy of Cardiac Surgical Orientation Video in Decreasing Preoperative Anxiety in Pakistani Population  | 916  |
| Impact of 2.8mm Clear Corneal Incision on Refractive Outcome in Phacoemulsification Patients   | 923  |
| Association of Craniofacial Morphology With Airway Dimension And Volume  | 928  |
| Association of Age With Hearing Rehabilitation After Cochlear Implant  | 933  |
| To Determine Cut Off of Fertility Profile of Patients With Androgen Insensitivity Syndrome (AIS) At Different Ages in Pakistani Populations  | 938  |
| Effectiveness of Haemorrhoidal Artery Ligation Via Palpatory   | 944  |
| Thoracoplasty (Tailored) Revisited For High Risk Patients With Nonresolving Tuberculous Apical Lung Cavities   | 949  |
| Chest X-Ray Findings And Types of Foreign Bodies in Patients Presenting With Complaints of Tracheobronchial Foreign Body Aspiration; A Nine-Year Multi-Center Prospective Study                        | 956  |
| Comparison of Predictive Accuracy of Tanaka-Johnston Analysis, Melgaco Formula And Bherwani's Regression Equation For Patients Presenting To Armed Forces Institute of Dentistry                       | 962  |
| Implementation of Structured Multidisciplinary Team Training For Neonatal Resuscitation  | 967  |
| Evaluation of Synergistic Effect of Thujaorientalis With Ciprofloxacin Against Escherichia Coli  | 975  |
| Determination of Pharmacokinetic Profile of High Oral Dose of An Innovator Brand of Atorvastatin in Healthy Pakistani Volunteers   | 983  |
| Prediction of Fear Factors Before Total Knee Replacement: A Mixed Method Analysis on Advanced Knee Osteoarthritis Patients   | 988  |
| Effects of Antenatal Complications, APGAR Score And Birth Weighton Preterm Mortality   | 993  |
| Cytogenetic Abnormalities in Patients With Primary Amenorrhoea   | 998  |
| Comparative Efficacy of Ultrasonography (USG) Versus Magnetic Resonance Cholangiopancreatography (MRCP) For The Diagnosis of Choledocholithiasis   | 1003 |
| Determination of Relaxant Effect of Ropivacaine Against Acetylcholine And Bradykinin Induced Airway Contraction of Guinea Pigs   | 1007 |

|  |      |
|--|------|
| Depression And Associated Socio Demographic Factors Among Personnel Reporting To A Field Hospital For Routine Medical Care   | 1013 |
| Epidemiology of Dengue Fever And Utility of Dengue NS1 Antigen Rapid Diagnostic Point of Care Test At Combined Military Hospital Malir   | 1019 |
| Accuracy of Magnetic Resonance Imaging in The Diagnosis of Central Nervous System Infections in Children And Adolescents   | 1024 |
| Comparison of Mean Fall in Post-Operative Hemoglobin Level After Intra-Articular Transamine Versus Intravenous Transamine in Total Knee Arthroplasty   | 1029 |
| Prevention of Hypotension After Spinal Anaesthesia in Elective Caesarean Sections  | 1034 |
| Laparoscopic Cholecystectomy: A Study of Demographic, Morphological Factors And Iatrogenic Occurrences   | 1039 |
| Chewing Gum To Hasten Bowel Recovery in Cesarean Section: A Randomized Control Trial   | 1045 |
| Prophylactic Use of 17OH Progesterone For Prevention of Preterm Labour is Effective  | 1049 |
| Association of Socio-Demographic Factors With First Contact And Mode of Referral To Tertiary Care Psychiatric Facility in Islamabad  | 1054 |
| Association of Risk Factors in Military Personnel With Pulmonary Embolism Stationed At High Altitude And Sea Level   | 1061 |
| Efficacy of Hydralazine in Comparison With Labetalol For Control of Severe Hypertension in Patients With Eclampsia   | 1066 |
| Patients' Awareness And Preference For Bone Grafts Used in Oral Surgery  | 1071 |
| Titanium Mesh Versus Autologous Bone Graft Cranioplasty  | 1077 |
| Impact of Vitamin D <sub>3</sub> on HBA1c in Individuals With Pre-Diabetes   | 1081 |
| Immature Granulocyte Percentage - A Predictor of Infections in Patients in Intensive Care Unit Setting   | 1086 |
| Diagnosis of Malaria By Real-Time Polymerase Chain Reaction in Cases of Negative Malarial Parasite on Microscopy   | 1091 |
| Cystatin C As A Screening Biomarker of Gestational Diabetes Mellitus   | 1096 |
| Outcomes of Ultrasound Guided Plasma Rich Protein Injection in Chronic Plantar Fasciitis   | 1101 |
| Agreement Between Clinical Features of Sciatica And 3.0T Magnetic Resonance Imaging Findings   | 1105 |
| Anchored Conjunctival Rotation Flap Vs Conjunctival Autograft Technique in Primary Pterygium Surgery At Combined Military Hospital, Peshawar   | 1109 |
| Fast Food Addiction, Body Esteem And Psychological Well- Being Among University Students   | 1114 |
| Diversity of Histological Variants of Breast Cancer: A Tertiary Care Hospital Experience in Karachi, Pakistan  | 1119 |
| Psychological Wellbeing Scale For Cancer Patients: Revised Version   | 1125 |
| Comparison of Efficacy of Celecoxib (Selective Non Steroidal Anti Inflammatory Drug) Versus Naproxen (Non Selective Non Steroidal Anti Inflammatory Drug) For Post Endodontic Pain   | 1133 |
| Impact of Early Vs Delayed Oral Feeding on Hospital Stay After Caesarean Section Under Regional Anesthesia   | 1138 |
| Quasi-Experimental Evaluation of Zinc Supplementation on Mean Serum Insulin Like Growth Factor-1 (IGF-1) and Insulin Like Growth Factor Binding Protein-3 (IGFBP-3) Levels in Pakistani Short Statured Children            | 1143 |
| Effect of Head Covering On Hypocalcaemia Resulting From Phototherapy In Full Term Neonates With Hyperbilirubinemia   | 1148 |
| Factors of Obesity And Personality Traits Among Middle-Aged Women of Lahore  | 1153 |
| Novel Direct Acting Antiviral Regimens For Patients With Chronic Hepatitis C And Chronic Kidney Disease Stage 3 To Stage 5d  | 1158 |
| Efficacy of Cyclosporine Eye Drops in Treatment of Meibomian Gland Disease   | 1164 |
| Analysis of One-Best Type Multiple Choice Questions At Army Medical College, Rawalpindi  | 1170 |
| Excess Screen Based Media Use, A Predictor of Autism Spectrum Disorder And Its Severity?   | 1174 |
| End-Tidal Carbon Dioxide Monitoring in The Neonatal Ventilated Patients Using Capnography Technique  | 1180 |
| Maternal Factors Causing Twin Birth Weight Discordance And Its Frequency   | 1185 |
| Post Dural Puncture Headache: A Comparison of Midline And Paramedian Approach of Spinal Anesthesia   | 1188 |
| Job Satisfaction And Its Determinants Among Child Protection Officers, Punjab Pakistan: A Cross-Sectional Survey   | 1193 |
| Comparison of Immunochromatography And Microscopic Film Method For The Diagnosis of Malaria in Liberia   | 1201 |
| Newly Admitted Dental Students' Perceptions About Ideal Qualities of Dental Professionals  | 1206 |
| Developing A Curriculum For Professional Ethics in Undergraduate Medical And Dental Education: Evidence From Literature  | 1211 |
| Collaborative Network of Neonatal Services To Reduce Neonatal Mortality And Improve Outcome: Army Medical Corps Could Lead The Way   | 1214 |
| Fanconi Anemia Presenting Late As Malignant Buccal Carcinoma; A Case Report  | 1220 |
| Thyroid Storm; A Rare But Life Threatening Illness   | 1222 |
| Multimedia Assessment of Realistic Knowledge And Skills (MARKS)  | 1224 |
| Predictive Value of Tympanic Membrane Injury in Determining Mortality/Morbidity Associated With Terrorist Bomb Blasts  | 1228 |
| Therapeutic Effects of High Frequency Electromagnetic Radiation and Ultrasound on Interstitial Inflammation and Proximal Tubular Diameter in Kidneys of Chick Embryo Exposed To Advanced Electromagnetic Radiation (Wi-Fi) | 1233 |
| Kinetics of Platelet Count in P. Vivax Malaria; A Study in Young Soldiers  | 1240 |
| The Performance Index of Private and Public Sector Hospitals of Karachi, Pakistan  | 1245 |
| Khalid's Maneuver; A New Approach To Grocco's Sign in Patients With Pleural Effusion   | 1251 |
| Perception & Utilization of Internet & Medical Applications By Students At Combined Military Hospital Lahore Medical College   | 1256 |
| Comparative Analysis of Colon Preparation Using Poly Ethylene Glycol (PEG) With Lactulose For Colonoscopy  | 1261 |

|  |      |
|--|------|
| Evaluation of Fetomaternal Outcomes Using Amniotic Fluid Index and Single Deepest Vertical Pocket For Amniotic Fluid Volume Assessment   | 1266 |
| Screening of Genetic Mutation in ABCA1 Gene and Relationship of Low-Density Lipoprotein and Triglycerides in Patients With Type 2 Diabetes With and Without Dyslipidemia             | 1271 |
| Analysis of Immunohistochemical Expression of Epidermal Growth Factor Receptor (EGFR) in Colorectal Cancer   | 1277 |
| Occurrence of Asymptomatic COVID-19 in Emergency Surgical Procedures. Multicenter Study  | 1283 |
| Conversion of Laparoscopic Cholecystectomy To Open Cholecystectomy: Preoperative Risk Factors and Intraoperative Reasons   | 1288 |
| Exercise Tolerance Test As A Screening Tool For Coronary Artery Disease in Asymptomatic Adults   | 1294 |
| Predicting Severity And Visual Outcomes of Eye Trauma Following Treatment, Using Ocular Trauma Scale   | 1300 |
| Role of Injection Methotrexate in The Management of Ectopic Pregnancy  | 1305 |
| Role of Contrast Enhanced Flair MRI As A New Tool in Diagnosing Tuberculous Meningitis   | 1310 |
| Musculoskeletal Ultrasonographic Values For Different Severities of Carpal Tunnel Syndrome in A Pakistani Cohort   | 1315 |
| Frequency, Risk Factors, Treatment and Outcomes of Hyperinsulinemic Hypoglycemia in Neonates Presenting With Prolonged Hypoglycemia in A Tertiary Care Hospital of Karachi, Pakistan | 1321 |
| Vitamin D Deficiency Pandemic, A Reality Or An Over Diagnosis? Need To Rethink Vitamin D Deficiency Cut Off Levels   | 1327 |
| Effect of Single Dose of Ketamine in Patients of Major Depressive Disorder-A Pakistani Perspective   | 1332 |
| Early Post-Operative Perineal Wound Complications in Patients Undergoing Extra Levator Abdominoperineal Excision, A Retrospective Study At Department of Surgical Oncology           | 1337 |
| Effect of Intravenous Iron Therapy on Serum Ferritin And Haemoglobin Levels in Children Reporting With Iron Deficiency Anaemia   | 1344 |
| Comparing Hepatitis B Seroprotection in Pakistani Children At 5 and 6 Years of Age After Expanded Programme on Immunization (EPI) Vaccination  | 1349 |
| Prognosis of Intensive Care Unit Acquired Hyponatremia in Different Age Groups and Gender  | 1354 |
| Perception of Blood Donation Among Pakistani Youth   | 1360 |
| Frequency of Psychotic Symptoms in Methamphetamine Users   | 1366 |
| Comparison of World Health Organization Treatment For Acute Watery Diarrhea in Children With and Without Saccharomyces Boulardii in Terms of Mean Duration of Diarrhea               | 1371 |
| Effectiveness of Pirani Score in Predicting Selection of Achilles Tenotomy in Idiopathic Clubfoot: A Case Control Study  | 1376 |
| Outcome of Laparoscopic Cholecystectomy Performed By Surgical Residents  | 1381 |
| A Study of 100 Cases of Bilateral Total Knee Replacements With Asymmetry of Component Size   | 1386 |
| Perceived Stress and Its Association With Positive Mental Health and Academic Performance of University Students   | 1391 |
| Knowledge of Medical Professionalism Among The Undergraduate Students of Army Medical College, Rawalpindi  | 1396 |
| Response Assessment and Outcomes in Pediatric B Cell Non-Hodgkin Lymphoma: Our Experience At Shaikat Khanum Memorial Cancer Hospital and Research Centre                             | 1402 |
| Spontaneous Bacterial Peritonitis in Asymptomatic Cirrhotic Patients With Ascites in A Tertiary Care Hospital: A Cross-Sectional Study   | 1408 |
| Pattern and Demographic of Firearm Deaths in Rawalpindi and Islamabad, An Autopsy Based Study  | 1413 |
| A Study on The Comparison of Safety and Efficacy of Post Partum Intrauterine Contraceptive Device (PPIUCD) With Interval Intrauterine Contraceptive Device                           | 1419 |
| Association of Gender And Age With Compliance of H Pylori Eradication Therapy  | 1424 |
| Magnitude and Pattern of Injuries in Patients Visiting Accident and Emergency Department of Combined Military Hospital, Rawalpindi - A Cross Sectional Study                         | 1428 |
| Difference in Microflora Between Banded and Bonded Orthodontic Attachment  | 1434 |
| Correlation of Pre-Operative Leukocytosis With Post-Operative Wound Infection in Caesarean-Section   | 1439 |
| Assessment of Depression Among University Students Using Patient Health Questionnaire  | 1443 |
| Awareness and Knowledge Among Diabetic Patients of Diabetes Mellitus and Its Ocular Complications  | 1448 |
| Impact on Mental Health of Undergraduates and The Ways To Cope Stress During COVID-19 Pandemic   | 1453 |
| In Vitro Antifungal Activity of Potash Alum Against Candida Albicans on Acrylic Resin  | 1460 |
| Safety of Hasson`s Technique in Laparoscopic Cholecystectomy   | 1465 |
| Intravenous Iron Treatment in Pregnancy: Comparison of High Dose Carboxymaltose Vs Iron Sucrose  | 1469 |
| Dietary Habits and Knowledge of Nutritional Requirements of Students of A Private Medical College  | 1474 |
| Comparing Efficacy of 10% Glycolic Acid Versus 10% Mandelic Acid Peel in Treatment of Acne   | 1481 |
| Comparison of Open With Laparoscopic Common Bile Duct Exploration  | 1485 |
| Right Lower Abdominal Pain in Females of Reproductive Age: Comparison of Clinical, Laboratory and Sonographic Parameters   | 1490 |
| Association of Vitamin B12 Deficiency and Metformin Use in Patients Presenting With Type II Diabetes Mellitus  | 1495 |
| Factors Affecting Health Seeking Behavior Among Elderly Community Women: A Mixed Method Study  | 1499 |
| Correlation Between Clinical Neurogenic Claudication Outcome Score (NCOS) and Radiological Grading of Lumbar Spinal Stenosis on Magnetic Resonance Imaging Lumbosacral Spine         | 1506 |
| Diagnostic Accuracy of Bedside Index of Severity in Acute Pancreatitis (BISAP) Score in Predicting Outcomes in Patients Presenting With Acute Pancreatitis                           | 1511 |

|  |      |
|--|------|
| Outcome of Chemotherapy in Non Acute Promyelocytic Acute Myeloid Leukaemia   | 1516 |
| Health Care Seeking Behavior Among Newly Diagnosed Human Immunodeficiency Virus Cases in Rawalpindi  | 1522 |
| Medical Students' Perception of Self-Care and What They Do For It  | 1528 |
| Diastasis Recti Abdominis and Its Associated Risk Factors in Postpartum Women  | 1535 |
| Comparison of Positive Aspiration During Inferior Alveolar Nerve Block Using Conventional Metallic Dental Syringe Vs. Disposable Plastic Syringe                                 | 1539 |
| Development and Psychometric Properties of Oppositional Defiant Behaviors Scale For Adolescents  | 1544 |
| A Study of The Potency of Pipelle Biopsy Technique To Detect Endometrial Disease in Perimenopausal / Postmenopausal Women  | 1549 |
| Assessment of Congenital Heart Disease and Related Various Factors in The Neonates of Mothers With Diabetes  | 1553 |
| Supervisors' Opinion of Skills Required of General Surgical Trainees   | 1559 |
| Clinical and Morphological Spectrum of Congenital Anomalies of Kidney and Urinary Tract (CAKUT) - A Tertiary Care Center Experience  | 1565 |
| Comparison of Serum Ferritin Levels in Pregnant Women With and Without Gestational Diabetes Mellitus   | 1571 |
| Evaluation of Haematological Parameters in Malaria Infection and Its Association With Different Species of Malarial Parasite   | 1576 |
| Glycated Hemoglobin As A Biomarker To Predict Dyslipidemia in Type 2 Diabetes Mellitus   | 1581 |
| Diagnostic Accuracy of First Trimester Hyperuricemia For Prediction of Gestational Diabetes Mellitus   | 1586 |
| Crimean-Congo Hemorrhagic Fever (CCHF); A Case Report  | 1590 |
| Gender Assignment in Complete Androgen Insensitivity Syndrome. Who Should Be The Decision Maker  | 1593 |
| Syndrome of Hypoparathyroidism, Deafness and Renal Disease (HDR) in A 7 Years Old Boy At Bahawalpur  | 1596 |
| The Pioneers of Vericose Veins Treatment With Endovenous Glue in Pakistan  | 1599 |
| Need of Our Times: Impact of Genome Editing Sciences And Requisite Preparedness For Molecular Bioterrorism   | 1601 |
| Prevalence of Cognitive Decline in Patients With Stroke  | 1604 |
| Neutrophil To Lymphocyte Ratio Vs Platelets To Lymphocyte Ratio: Biomarkers To Predict Severity of Disease And Their Comparison in Patients of COVID 19                          | 1609 |
| Prevalence of Clinical Spectrum of Inherited Metabolic Disorders in Infants And Children At A Tertiary Care Hospital in Rawalpindi, Pakistan                                     | 1616 |
| A Ghastly Rising Rate of Preventable Pediatric Burns: We Need To Act   | 1622 |
| Post-Operative Hemorrhage in Septoplasty With And Without Nasal Packing A Comparative Study At Otorhinolaryngology Department of Pns Shifa Hospital, Karachi                     | 1629 |
| C-Reactive Protein Kinetics in Term And Preterm Babies With Early Onset Sepsis And Its Association With Blood Culture  | 1634 |
| Frequency And Correlates of Poor Sleep Quality Among Patients of Parkinson's Disease   | 1640 |
| Safety Attitudes in Obstetrics And Gynaecology Trainees in Labour Room Practices: Experience At Dow University of Health Sciences  | 1645 |
| Risk Factors For The Development of Stress Fractures: A Case Control Study   | 1651 |
| Clinical Profile And Outcome in A Paediatric Intensive Care Unit of A Tertiary Care Hospital in Pakistan   | 1657 |
| A Comparison of Body Mass Index And Weight Gain Among Male Sprague Dawley Rats on Broiler And Domestic Chicken Meat Feed   | 1662 |
| Effect of Behavioral Problems of Children With Autism on Their Mother's Quality of Life  | 1666 |
| Comparison of Lipid Lowering Effects of Rosuvastatin And Atorvastatin in Type 2 Diabetic Patients With Primary Hyperlipidemia  | 1671 |
| Knowledge And Attitude of Pregnant Women Reporting At Tertiary Care Hospital   | 1676 |
| Comparison of Manifestations of Giardia And Ascaris Infestations Between Both Genders Presenting With Diarrhea   | 1681 |
| Correlation of Impacted Mandibular Third Molar With Incidence of Ipsilateral Angle And Condylar Fractures in Mandibular Trauma   | 1686 |
| Milk Aggravates Asthma - The Truth Or The Perception   | 1691 |
| Presentation And Outcomes of Aortofemoral Bypass Surgery in Patients With Aortoiliac Occlusive Disease. Four Years' Experience At A Tertiary Care Hospital                       | 1696 |
| Comparison of Pain Perceived By Patients Undergoing Intra Oral Local Anesthesia Using Different Needle Gauges  | 1702 |
| Comparison of Post Placental Intrauterine Contraceptive Device Insertion Between Vaginal Delivery And Caesarean Section in A Tertiary Care Hospital                              | 1707 |
| Association of Human Chorionic Gonadotrophin With Pregnancy Induced Hypertension   | 1712 |
| Incidence And Factors For Maternal Satisfaction After Caesarean Section: A Cross-Sectional Study   | 1717 |
| 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 | 1723 |
| Moderating Role of Psychological Distress on The Relationship Between Suicidal Ideation And Psychological Wellbeing Among People With Physical Disabilities                      | 1728 |
| Retrospective Data Review To Find The Association of Lumbosacral Transitional Vertebra And Degenerative Disc Disease in Young Patients   | 1734 |
| Development And Psychometric Properties of Adverse Childhood Experiences Scale For Adolescents   | 1740 |
| Frequency Assessment of Emergence of Extensively Drug Resistant Salmonella Typhi Strains in Quetta, Balochistan  | 1745 |

|  |      |
|--|------|
| Awareness And Practices Applied By Health Care Workers To Achieve Patient Safety During Phlebotomy And Ultrasound Biopsy   | 1750 |
| Power Sharing in Medical Consultations   | 1756 |
| Impact of A Single Tutorial Session on The Technique of Using Personal Protective Equipment By Health Care Workers   | 1765 |
| Significance of Renal Function in Trauma: An Observational Study To Ascertain Correlation To EGFR  | 1771 |
| A Comparison of IntraCaesarian Versus Interval Placement of Intrauterine Contraceptive Device  | 1776 |
| Comparison of Serum Ferritin Levels in Nafld Patients And Healthy Controls   | 1782 |
| Association of Pain And Other Clinical Features With Diseases of Breast in Feamles Presenting At Tertiary Care Hospitals of Sahiwal  | 1787 |
| Role of Obstetric Triage in Improving Patient Health Care At CMH Kharian - A Comparitive Study   | 1792 |
| Outcomes of Open Thoracic Surgical Decortication in Patients With Tuberculous Empyema  | 1799 |
| Short Term Effect of Hemodialysis on Peripapillary Retinal Nerve Fiber Layer And Macular Thickness   | 1804 |
| Diagnostic Accuracy of Magnetic Resonance Imaging For Diagnosis of Acute Invasive Fungal Sinusitis Taking Histopathology As A Gold Standard  | 1810 |
| Impact of Breast Conservation Surgery Versus The Modified Radical Mastectomy on The Quality of Life Among Breast Cancer Survivors in Pakistan  | 1815 |
| Hepatitis C Seroconversion Rates in Patients on Hemodialysis in Tertiary Care Hospitals: A Multicenter Cross Sectional Study   | 1820 |
| Dog 1 Expression in Differential Diagnosis of Chondroblastomas And Its Histological Mimickers  | 1825 |
| Association Between Periodontitis And Gestational Diabetes Mellitus  | 1830 |
| Pain Relief With Preventive Measures Among Knee Osteoarthritis Patients: A Comparison Between Followers Versus Non Followers   | 1834 |
| Role of Heart Rate Reduction With Ivabradine in Left Ventricular Failure   | 1839 |
| The Correlation of Symptoms And Objective Wheeze in Asthmatics   | 1843 |
| 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                                       | 1847 |
| Effectiveness of Parental Presence/Absence Technique As A Behavior Management Technique In Paediatric Dentstry   | 1853 |
| Comparison of Micronized Progesterone (Cyclogest Pessary) And Placebo in Prevention of Pre-Term Birth in Tertiary Care Hospital  | 1859 |
| SARS-COV-2 Among Front Line Health Care Workers  | 1864 |
| Association of Anemia With Serum Sex Hormone Binding Globulin Levels in Patients With Polycystic Ovary Syndrome  | 1870 |
| Inactive Hepatitis B Carrier And Pregnancy Outcomes  | 1874 |
| Hemoglobin in Relation To Body Mass Index And Socioeconomic Characteristics Among Pregnant Women   | 1880 |
| Efficacy of First Available Direct-Acting Antiviral Agent in Treatment of Chronic Hepatitis C; Results From A Single Centre in Pakistan  | 1885 |
| Clinical Profile And Outcome of Ventilated Children in A Pediatric Intensive Care Unit of A Tertiary Care Hospital   | 1892 |
| 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 | 1897 |
| Impact of COVID-19 Pandemic on Learning of Undergraduate Medical Students: A Cross-Sectional Study From Karachi  | 1902 |
| Efficacy of Intra Operative Use of Triamcinolone in Lumbar Discectomy  | 1908 |
| Evaluation of COVID-19 Pandemic in Azad Jammu And Kashmir Pakistan   | 1913 |
| The Heparin Induced Thrombocytopenia in Cardiac Surgery Patients   | 1919 |
| Relationship of Vicarious Traumatization With Family Relations And Coping Strategies Among Healthcare Professionals  | 1925 |
| Patients Satisfaction About Health Care Delivery in Out-Patients Department of Combined Military Hospital Rawalpindi   | 1929 |
| Psychoactive Substances Abuse Trends Among Medical Students of Lahore; A Cross Sectional Study   | 1935 |
| Minimal Invasive Parathyroidectomy in A Patient of Parathyroid Adenoma - A Case Study  | 1941 |
| Perineal Ectopic Testis - A Rare Anomaly With Empty Scrotum  | 1944 |