



Editorial Committee

Chief Editor

Prof Khurram Haq Nawaz

Editor

Prof Khadija Qamar

Associate Editor

Prof Muhammad Alamgir Khan

Assistant Editors

Prof Syed Fawad Mashhadi

Prof Muhammad Rizwan Bashir Kiani

Dr Aiza Saadia

Prof Muhammad Luqman Satti

Prof Muhammad Kaleem

Managing Editor

Dr Rehana Khadim

Statistician

Ms Anam Haider

Research Officers

Dr Asmara Ahmed Malik

Dr Umme Ammarah Omer Malik

Dr Fatima Ali Raza Mughal

Dr Zainab Kamal

Editorial Board Members

International

Dr Sajid Hassan Butt (NHS UK)

Prof. Assad Hafeez (Kuwait)

Prof. Sultan Ayoub Meo (KSA)

Dr. Fariha Altaf (UK)

Dr. Abeer A. AL-Masri (KSA)

Prof Ishfaq Bukhari (USA)

Prof Abdul Samad Khan (Saudi Arabia)

National (Extra-Organizational)

Prof Abid Ashar (Lahore)

Prof Muhammad Shoaib Shafi (Islamabad)

Prof Khalid Masood Gondal, TI (Lahore)

Dr Amina Ahmad (Lahore)

Prof Rubina Naqvi (Karachi)

Prof Waheed uz Zaman Tariq (Lahore)

Prof Mowadat H Rana (Islamabad)

ADVISORY BOARD MEMBERS

Prof Mahmud Ahmad Akhtar (Islamabad)

Prof Aisha Siddiqua (Quetta)

Prof Irfan Ahmed (UK)

Prof Rizwana Chaudhri (Islamabad)

Prof Saleem Ahmed Khan (Rawalpindi)

Prof Salman Ali (Islamabad)

Prof Syed Yusuf Iftikhar (UK)

EDITORIAL

Role of Operations Research and Implementation Research in Clinical Sciences

Rehana Khadim, Abdul Naeem

S1025

ORIGINAL ARTICLES

Frequency of Hypoglycemia in Elderly Patients on Oral Hypoglycemics Vs Insulin Therapy Presenting to the Accident and Emergency Department of a Tertiary Care Hospital

Ammara Amjad, Fuad Ahmad Siddiqi, Abdul Mateen, Laibah Safdar, Abid Sharif, Imran Khan

S1027

Frequency of Varicose Veins in Otherwise Physically Fit Male Candidates Reporting for Military Recruitment: A Pilot Study

Ahsin Manzoor Bhatti, Anum Arif, Ali Hamza, Naveen Sheikh, Bismah Riaz, Yashfeen Ahmed

S1032

Efficacy of Prophylactic Low-Dose Ketamine Versus Tramadol for Prevention of Shivering During Spinal Anesthesia

Muhammed Ashfaq, Anjum Anwar Qadri, Falaq Nigar, Shabana, Ayesha Hanif, Iram Aziz

S1037

Frequency of Deep Venous Thrombosis in Hospitalized Patients

Waqas Ahmad, Wasim Alamgir, Amir Rashid, Abdul Rehman Azeem Dar, Bilal Ahmed Kayani, Azka Zainab

S1042

Comparative Study Between Open Fistulectomy and Ligation of Intersphincteric Fistulas Tract (LIFT) Procedure for Uncomplicated Perianal Fistula

Muhammad Danial Yousaf, Khalid Mahmood, Muhammad Saqlain, Waleed Umer, Muhammad Imran, Umer Naeem

S1047

Diagnostic Accuracy of Rapid Antigen Testing (RAT) Compared to Polymerase Chain Reaction (PCR) for Severe Acute Respiratory Syndrome Coronavirus 2 (SARS-CoV-2) Diagnosis: Laboratory Validation

Hammad Hussain, Muhammad Ali Rathore, Ejaz Ghani, Saifullah Khan Niazi, Faraz Ahmed, Tahir Ghaffoor

S1052

Evaluation of In-House Rat Liver Substrate Slides by Keeping Validated In-House Hep-2 Cell Slides as Reference Standard - An Experience from Tertiary Care Centre

Muhammad Zain Arshad, Muhammad Omair Riaz, Muhammad Hussain, Dawood Ahmad, Ayesha Tanveer, Mustajab Alam

S1057

Unveiling Antibiotic Stewardship in the ICU: A Cross-Sectional Study on Knowledge and Practices among Healthcare Professionals in Pakistan

Kaswar Sajjad Ansari, Fawzia Shahid Nawaz, Momy Gul, Fatima Sana, Faiz Bakhtawar, Kaukab Majeed

S1062

Comparison of Local Infection, Dwell Time and Pain in Peripheral Venous Cannulation passed by Experts versus General Inserters at a Tertiary Care Hospital

Elleyyeen Avois, Syed Anees Ahmed Gardezi, Muhammad Uzair, Muhammad Iqbal, Hassan Javed

S1068

Clinical Determinants of Burnout among Health Care Professionals Working in Emergency Department of a Tertiary Care Hospital

Anam Jamil, Khalid Hayat Khan, Sawera Mansoor, Usama Bin Zubair, Zarrar Jehangir, Sahar Riaz

S1073

Rising Incidence of Streptococcal Urinary Tract Infections: A Retrospective Clinical and Microbiological Assessment

Farhan Rasheed, Ahmad Yar, Raja Kamran Afzal, Muhammad Bilal, Iqra Jamill, Asma Ejaz

S1077

Analysis of Pediatric Hand Injuries Presenting at A Public Sector Tertiary Care Hospital in Karachi, Pakistan

Erum Naz, Faisal Akhlaq Ali Khan, Bushra Zulfiqar, Rabeeaa Farrukh, Saba Kiran, Saira Ahmad Chhotani

S1081

Serum Phosphate Level in Patients with Septic Shock

Abubakar Farooq, Bilal Ahmad Bajwa, Syed Waqas Haider Naqvi, Asif Mehmood, Ahmad Sohail Dar, Azhar Ali, Asad Zaman, Muhammad Iqbal

S1085

Role of Anesthesia in Reducing Artifacts in Claustrophobic and Infant Patients Undergoing MRI

Hassan Khan Jadoon, Rizwan Bilal, Khuwaja Muhammed Baqir Hassan, Hafsa Aquil, Zainab Shehzadi, Junaid Khan

S1090

Role of Early Elective Cholecystectomy in Acute Mild-To-Moderate Biliary Pancreatitis

Muhammad Umar Siddique, Nasir Mehmud Wattoo, Hira, Tayyaba Mushtaq Khan, Muhammad Naeem, Adil Maqbool

S1094

Femoral Tunnel Placement: Antero-medial versus Trans-Tibial for Anterior Cruciate Ligament Reconstruction by using Peroneus Longus Graft

Shahid Munir, Wajahat Maqbool, Hammad Rafique, Ali Raza Cheema, Shehryar Wattoo, Ahmed Tariq Malik

S1099

Evaluating the Efficacy of Topical Tranexamic Acid in Neck Dissection to Reduce Post-Operative Drain Output: A Randomized Controlled Trial

Muhammad Azhar Imran, Asad Aizaz Chatha, Hafiz Muhammad Jawaad Manzoor, Mannal Sohail, Muhammad Bin Nasim, Muhammad Ahmed Pasha

S1103

Spectrum of Dyselectrolytemia Induced by Liposomal Amphotericin B in Neonates

Asif Rasool Mughal, Samina Tabussam, Ali Maqsood, Faqeeha Hamid, Jawad ur Rehman, Bilal Munawar

S1108

Comparison of IDH and ATRX by immunohistochemistry with 1p/19q co-deletion by FISH in Oligodendrogliomas <i>Zahoor Hussain, Syed Salman Ali, Sumaira Ilyas, Qurat Ul Ain Mati, Sidra Shoukat, Sawera Ilyas</i>	S1113
Reduction of Dentine Hypersensitivity after Non-Surgical Periodontal Therapy Comparing 5% Calcium Sodium Phosphosilicate and 8% Arginine Dentifrices: A Single Centre Randomized Controlled Trial <i>Muhammad Junaid Iqbal, Muhammad Sharjeel Ashraf, Yasir Ikram Ahmed, Anis-ur-Rehman, Ahmed Abdullah, Raheel Ahmed</i>	S1118
Pattern and Outcome of Chest intubations in a Tertiary Care Hospital <i>Jawad Zahoor Khawaja, Farhan Ahmed Majeed, Farhan Ullah, Sohail Saqib Chatha, Khawaja Umer Majeed, Nabeela Farhan</i>	S1123
Partial Breast Reconstruction and Oncoplasty: Our Experience <i>Aqsa Saleema, Maria Mir Jan, Zohra Jabeen Akram, Zaini Azam, Shandana Gul, Syeda Riffat Qamar Naqvi</i>	S1128
Diagnostic Accuracy of Shear Wave Elastography to Differentiate Between Benign and Malignant Thyroid Nodules Taking Histopathology of FNAC Specimen as Gold Standard <i>Aneeqa Saleem, Atif Latif, Umaira Qadir, Alina Sayyed, Hussain Rashid Ihsan, Nosheen Sadiq</i>	S1133
Diagnostic Accuracy of Unenhanced Low-Dose Multidetector Computed Tomography in Suspected Cases of Acute Appendicitis <i>Mashroof Abdullah, Tariq Aziz, Nazia Dildar, Uzma Nisar, Imran Ullah Javed, Gulzar Hussain</i>	S1137
Use of Social Media and Its Impact on The Psychological Well-Being of Teen Girls <i>Junaid Tahir, Hassan Iqbal, Asif Azeem Bajwa</i>	S1142
Adverse Fetomaternal Outcomes in Overweight Pregnant Women <i>Rimla Ijaz, Faiza Khanam, Ghanwa Bareach, Faiza Rasool, Haleema Sadia, Semab Qamar</i>	S1148
Frequency of Postinsertion Traumatic Ulcerations and Adjustment Appointments in Complete Denture Patients <i>Zarina Ashraf, Abeera Imtiaz, Bazgha Muneer, Muhammad Sajjad, Kainat Saleem, Salman Ahmed</i>	S1153
Association of Ki-67 Proliferation Index with Axillary Lymph Node Metastasis in Early Breast Cancer: A Retrospective Study <i>Sana Ejaz, Muhammad Saulat Naem, Zain Tayyab, Nida Saleem, Amina Khan</i>	S1158
Evaluation of Pre-Alginate Impression Preparation Methods on the Surface Accuracy of Dental Casts <i>Wajeaha Parveen, Saad Khan, Aleeha Zahoor, Khadija Irshad, Ayesha Masood, Ayesha Iftikhar</i>	S1164
Effects of Iron Deficiency Anemia on Functional Status of Patients of Heart Failure with Reduced Ejection Fraction <i>Ahtasham Ul Hassan, Farrukh Sher, Aasim Ali Sajid, Wasif Anwar, Hafiz Muhammad Ahmar Aziz, Muhammad Ahmad</i>	S1170
Correlation of Second and Third Trimester Placental Thickness with Ultrasonographic Gestational Age <i>Arjumand Bano, Atif Latif, Amna Zafar, Ayma Aftab, Tabassum Rasul, Maryam Iqbal</i>	S1175
Comparison of Postoperative Pain Scores in Laparoscopic Cholecystectomy with Infiltration of Intraperitoneal Bupivacaine and Bupivacaine Plus Hydrocortisone" <i>Sana Zahid Toor, Fizzah Khalid, Waseem Ahmed Khan, Muhammad Muttahhar Asim Niaz, Hira Khurshid, Mehreen Gull</i>	S1180
Clinical Application of Cone-Beam CT (CBCT) in the Delivery of Hypofractionated Radiotherapy for Muscle-Invasive Bladder Cancer (MIBC): Ensuring Adequate Planning Target Volume Coverage and Small Bowel Sparing <i>Omer Riaz, Ahsan Mahmood, Imran Wajid, Talha Maqsood, Muhammad Uzair Khan</i>	S1185
Predictors of Left Atrial Appendage Thrombus on Transesophageal Echocardiography before Elective Cardioversion <i>Talib Hussain, Muhammad Shabbir, Umer Farooq, Perveen</i>	S1189
Comparison of Upper versus Lower Calyceal Puncture Technique in Percutaneous Nephrolithotomy for Complex Renal Calculi <i>Waseem Ullah Bangash, Hussain Ahmad, Khan Muhammad, Naeem ud Din, Taimur Habib, Taqdeer Hussain</i>	S1195
CASE REPORT	
Case Report of Adult Pulmonary Blastoma: Very rare presentation <i>Asma Asghar, Muhammad Haris Rauf, Ali Zafar Sheikh, Kashif Siddique, Aamna Hassan</i>	S1200