

## **BMU PUBLICATIONS OF YEAR 2023**

### **Article Titles**

1. Artificial intelligence and e-commerce: an empirical investigation of daraz Pakistan
2. Artificial intelligence a catalyst for the business decision making: a conceptual analysis
3. Monkey pox to threat southeast Asia: strategies and precaution for higher education sector to combat with the potential pandemic
4. Innovation and digital revolution: the role of fintech in mitigating the effects of covid-19
5. A cross-sectional survey to evaluate self-medication among medical students in karachi, pakistan"
6. Knowledge, attitude, and practices of anti-neoplastic drug waste disposal in tertiary hospitals of karachi
7. Pakistani population factors impacting the self-medication pattern
8. Satisfaction of the patient with healthcare services
9. Hand hygiene training knowledge and practices among healthcare workers in hospitals providing tertiary care
10. Covid-19 related risk perception and altruistic response amongst undergraduates on reopening of educational institutes
11. Evaluation of self-esteem, emotional intelligence, and their association with demographic factors among health care professionals in karachi
12. Knowledge, attitude and practices regarding management of biomedical waste among house officers and nursing staff in teaching hospitals of district south, karachi
13. Self-directed learning and approach to seeking medical evidence: perceptions of students from a private medical university of karachi
14. Effect of covid-19 on mental health of healthcare professionals of karachi
15. Awareness regarding tobacco smoking among dental house officers and staff of private medical university
16. Post lockdown effect on psychological health of students after resuming campus activities: a cross-sectional study
17. Comparison of preoperative analgesics on the efficacy of inferior alveolar nerve block with patients having symptomatic irreversible pulpitis: a double-blinded, randomized controlled trial

18. Knowledge, awareness, and protective practices of hepatitis b and infection control measures amongst dental students
19. Assessment of prescription writing skills and prescription errors amongst dental house surgeons and faculty members
20. Assessing disparities in oral cancer awareness: a comparison between tobacco users and non-tobacco users from a private dental college, karachi
21. Awareness regarding tobacco smoking among dental house officers and staff of private medical university
22. Awareness regarding oral hygiene status among out-patient department of private dental college
23. An investigation into the treatment approaches for dental caries among sudanese clinical students and dentists: a survey-based cross-sectional study
24. Bridging the gap: analyzing the discrepancy between theoretical knowledge and clinical implementation in modern caries management in existing dental education
25. Navigating the academic publishing landscape: the crucial role of journal selection in maximizing research visibility and access
26. The imperative integration of ai in dental undergraduate curriculum: addressing future needs for dentistry students
27. Regretful resolution: manuscript rejection and pathways forward
28. Unraveling coronary artery disease vulnerability in patients with abo gene polymorphism: a case-control study in pakistan perspective
29. Challenging the status quo: the persistent resistance to the medical model of caries management by dental fraternity across the globe
30. Prevalence of blood groups and association with ailments in pakistani population: a review of the current literature
31. Dental implantology and undergraduate curricula
32. Forensic dentistry- an important core subject missing from dental curricula in pakistan
33. Saliva - a promising diagnostic tool: dental curricula require update
34. Surgical and prosthodontic management of denture induced hyperplastic lesion in maxillary arch-a case series
35. Current trends in complete denture education in undergraduate dental colleges of pakistan
36. Assessment of challenges experienced by dental students and graduates during final shade selection in fixed prosthesis

- 37.Prevalence of sinew string in patients coming to a tertiary care hospital: a descriptive cross-sectional study
- 38.Management of oral surgery in patients by anticoagulant therapy
- 39.Prevention of postoperative bleeding in anticoagulated patients undergoing oral surgery: use of platelet rich plasma
- 40.Investigation of the relationship between the mesio distal width of upper anterior teeth and inner canthal distance by eye-rima oris distance in the population residing in hyderabad sindh
- 41.Effectiveness of fissure sealants in reducing early childhood caries incidence among pakistani population. A comparative study
- 42.Comparison of apexification by mineral trioxide aggregate and pulp, revascularization in immature necrotic teeth
- 43.Influences on treatment-seeking and antibiotic use for common illnesses
- 44.Assessment of challenges experienced by dental students and graduates during final shade selection in fixed prosthesis
- 45.Outcome of intentional replantation of endodontically treated teeth with periapical pathosis: a systematic review and meta-analysis
- 46.Effect of bonded and removable retainers on occlusal settling after orthodontic treatment: a systematic review and meta-analysis
- 47.Effect of propolis on root dentine microhardness when used as an intracanal medicament: an in vitro study
- 48.In-vitro antibacterial efficacy of propolis against e. Faecalis as compared to other intracanal medicaments: a systematic review and meta-analysis
- 49.Viewing of clinical cases on social media by dentists: a cause of motivation or dissatisfaction?
- 50.Exploring the most effective apical seal for contemporary bioceramic and conventional endodontic sealers using three obturation techniques
- 51.Predictive role of oral biomarkers and periodontal status in gestational diabetes mellitus: a review of literature.
- 52.Assessment of tooth extraction anxiety and depression in older adults
- 53.Knowledge, attitude and practices regarding management of biomedical waste among house officer and nursing staff in teaching hospitals of district south, karachi
- 54.Evaluation of self-esteem, emotional intelligence, and their association with demographic factors among health care professionals in karachi
- 55.self-directed learning and approach to seeking medical evidence: perceptions of students from a private medical university of karachi

56. Estimation of age from fusion of manubrium and xiphoid process with sternal body: a radiological study in living individuals aged 25-70 years
57. Prevalence of gunshot injuries seen in robbery cases in karachi and their characteristic features.
58. Radiographic estimation of age using epiphyseal fusion at elbow joint in boys & girls of 13-17 years in gadap town
59. Preferred learning styles and strategies among the undergraduate students of forensic medicine.
60. Risk factors associated with development of early knee osteoarthritis- multicenter cross-sectional study.
61. Covid-19 related risk perception and altruistic response amongst
62. Undergraduates on reopening of educational institutes"
63. A position statement by diabetes in asia study group on who guidelines regarding the use of non-sugar sweeteners
64. Frequency of cardiometabolic risk factors among young people with type 2 diabetes mellitus at tertiary care unit karachi, pakistan
65. Usage of artificial intelligence in the pakistani medical education system; is it really implementable and beneficial?
66. Effects of covid-19 pandemic on psychological health
67. Outcomes of heel ulcers in people with diabetes visiting tertiary care diabetes center of karachi, pakistan.
68. Bide's diabetes desk book: for healthcare professionals.
69. Epidemiology of premalignant and malignant upper gastrointestinal lesions among patients presenting from a rural community in karachi, pakistan
70. Diagnostic value of bedside evaluation in patients of perforated appendicitis
71. Ramadan fasting in people with diabetes and chronic kidney disease (ckd) during the covid-19 pandemic: the dar global survey
72. Fasting ramadan in patients with t1dm—saudi arabia versus other countries during the covid-19 pandemic
73. Role of carb counting for glycemic control in people with type 1 diabetes during the month of ramadan
74. Long scarf related injuries in female bike riders reported at different tertiary care hospitals karachi.
75. Association of perceived stress with gender and bmi in students appearing in university entrance examination. fib 4 score (liver fibrosis) and attending level of vitamin d in chronic hepatitis c patients: fib 4 score (liver fibrosis)

76. Demographical variations of sensoryneural hearing loss (snhl) in chronic suppurative otitis media (csom) patients at jpmc karachi
77. Multimorbidity and quality of life among geriatric population of karachi pakistan
78. Infrared thermography as a non-invasive tool to assess health bio-marks in university students
79. Knowledge and attitude about covid-19 vaccination in pregnant women at baqai medical university.
80. Frequency of iron deficiency anemia in pregnancy, and its associated maternal and perinatal outcomes.
81. Fetomaternal outcome in patients with prelabour rupture of membrane in civil hospital karachi.
82. Correlation of risk factors with the severity of diabetic retinopathy at a rural health facility in sindh pakistan: correlation of risk factors with the severity of diabetic retinopathy
83. A morphological and biochemical study of ethanolic fruit extract of berberis vulgaris against gentamicin induced renal damage in albino rats
84. Protective effect of aqueous neem leaf extract on erythromycin induced histomorphological changes on hepatocytes of (albino wistar) rats.
85. Effect of single-dose oral vitamin d (200,000 iu) for the treatment of painful diabetic neuropathy
86. Changes in the prevalence of diabetes, prediabetes, and associated risk factors in rural baluchistan; a secondary analysis from repeated surveys (2002–2017)
87. Association of dry eye disease and diabetic retinopathy with glycated hemoglobin at a tertiary care unit of karachi pakistan
88. Association of serum vitamin d levels with periodontitis in type 2 diabetic subjects in a tertiary care unit of karachi
89. Association of fasting glucagon-like peptide-1 and glucose-dependent insulintropic polypeptide with dyslipidemia in newly diagnosed diabetes
90. Association of c-reactive protein with parameters of early onset sepsis and blood culture
91. The effect of aging in muscle function and performance or the physiological mechanism underlying the development of obesity
92. Association of serum level of chemerin with visceral fat obesity in type 2 diabetic patient
93. Glucagon and cardiovascular disease

94. atherogenic index of plasma as a useful marker of cardiovascular disease risk among pakistani individuals; a study from the second national diabetes survey of pakistan (ndsp) 2016–2017
95. Genetic association of dpp4 c/t and glp1r c/a with cytokines and hormones in undiagnosed diabetic subjects.
96. Effect of metformin as adjunct therapy with insulin in adolescent pakistani people with type 1 diabetes
97. Gene polymorphism of transcription factor 7/like 2 (tcf7/12 rs7903146) in type 2 diabetic subjects with and without retinopathy
98. Frequency and determinants of risk factors of health-related events in pakistan: covid-19
99. Efficacy of insulin sensitizers metformin, pioglitazone and combination myo-inositol (mi) plus d-chiroinositol (dci) plus folic acid in women with polycystic ovary syndrome: a rct.
100. Sleep quality, perceived stress and body mass index in adolescent college students-cross-sectional study
101. A study on the oral health condition of adult diabetic mellitus patients: an observational study in a tertiary care hospital
102. Association of sleep duration and quality with cardiovascular risk factors in pakistan adults
103. Association between platelet count and grading of esophageal varices in patients with liver cirrhosis
104. Hernioplasty versus laparoscopic total extraperitoneal mesh repair in the treatment of inguinal hernia
105. Alopthy versus alternative therapies.
106. Effectiveness and cost-effectiveness of a culturally tailored behavioural activation intervention (diadem) for treating depression in type 2 diabetes: protocol for a parallel arm, multi-country, randomised controlled trial in south asia
107. Impact of chronic exposure of organophosphorus pesticide on hematological and biochemical parameters of agriculture workers: a cross-sectional study
108. Assessment of the infectious status of transmissible transfusion infections (hepatitis b and c) among  $\beta$ -thalassemia major patients of karachi; a multicenter study by sbta (sindh blood transfusion authority)

109. Effects of donor and red blood cells concentrate characteristics on recipient hemoglobin increment following red blood cell transfusion in pediatric patients
110. Detection of in-vitro antibacterial activity of *tinospora cordifolia* and *solanum nigrum* leaf extracts against multidrug-resistant- *escherichia coli*
111. Multidrug-resistant *escherichia coli* – use of plant extracts as an alternative treatment in urinary tract infection
112. The paradigm shift in dentistry: embracing digital innovations for enhanced patient care.
113. Immunochromatographic detection of sars cov-2 antigen in comparison with the polymerase chain reaction for laboratory diagnosis of covid-19 in karachi, pakistan
114. Overexpression of b7-h4 and its co-relation with biological behavior in ovarian tumors
115. Z-plasty in post-burn contracture of hand among pediatric patients
116. Dose and dosage-dependent spectrum of respiratory toxicity of cypermethrin in rabbits
117. Perceptions of academic librarians regarding their interpersonal competencies: a case of pakistani universities.
118. Determining the knowledge, attitude and practice of mothers regarding neonatal care at department of pediatrics fatima hospital, baqai medical university karachi
119. Effects of customized biomechanical footwear on gait and balance in individuals with polio: a randomized controlled trial
120. Frequency and consequences of functional limitations in knee osteoarthritis patients below 50 years of age
121. Influence of diet patterns on time of emergence of permanent teeth of children of quetta, pakistan
122. Time of emergence of permanent teeth of children of quetta, pakistan and factors affecting them.
123. Prognostic markers related to triple-negative breast cancer
124. In-vitro antigout potential of *alstonia scholaris* flower, characterization and prospective ligand-receptor interaction of bioactive lead compound.
125. Solvent effect on the photolysis of 5-fluorouracil: a kinetic study.
126. Overexpression of b7-h4 and its co-relation with biological behavior in ovarian tumors.

127. Frequency and susceptibility pattern of microorganisms found in surgical site infection
128. Photochemical preparation, characterization and formation kinetics of riboflavin conjugated silver nanoparticles
129. Ameliorating effects of croton bonplandianus leaves against gentamicin induced acute liver and kidney injury: a biochemical and histopathological investigation
130. Studies on the inhibition of ectonucleotide pyrophosphatase/phosphodiesterase 1 (enpp1) by 2-(3,4-dihydroxyphenyl)-7,8-dihydroxy-3-methoxychromen-4-one, a flavonoid from pistacia chinensis
131. Nanosponges-based drug delivery system for the cosmeceutical applications of stabilized ascorbic acid
132. Effect of donor and red blood cells concentrate characteristics on recipient hemoglobin increment following red blood cells transfusion in pediatric patients
133. 5-deazaalloxazine as photosensitizer of singlet oxygen and potential redox-sensitive agent
134. Anti-inflammatory and analgesic activity of cleome brachycarpa ethanolic extract in lower mammals and effects on blood and liver enzymes
135. Promoting sleep health with herbal tea: development, evaluation, and anxiolytic effects
136. Impact of novel thiazole derivate (r1), reverses platelet stress fiber formation on fibrinogen-coated surfaces: in-vitro and in-silico studies.
137. Fasting influence on diabetic emergency visits in a tertiary care hospital throughout ramadan and other lunar months.
138. Understanding the role of certification in medical education: perspectives of educators. December 2023, journal of khyber college of dentistry
139. Role of teachers' engagement in student's satisfaction with medical college: a comparison of private and public sector colleges: role of teachers' engagement in student's satisfaction
140. Association of braden scale and subscale scores of patients with and without open wound pressure ulcers
141. Survival in general surgery: the female surgeons' perspective
142. Open mesh hernioplasty versus laparoscopic total extraperitoneal mesh repair in the treatment of inguinal hernia



143. Effect of demographic and clinical characteristics of open wound pressure ulcers in patients at tertiary care hospital of karachi.
144. Need assessment of teaching qualitative research in undergraduate medical education: a mixed method study.
145. Comparison of antibacterial properties of salvia officinalis with commercially available mouth-rinse
146. Integrated medical curriculum in pakistani educational environment its merits and demerits