

## **BMU PUBLICATIONS OF YEAR 2024**

### **Article Titles**

1. Prevalence of neck pain among fashion designing students
2. Efficacy comparison between strengthening exercises and transcutaneous electrical nerve stimulation (tens) in chronic non-specific neck pain patients
3. Rage signalling contributes to oxidative stress and inflammation in knee osteoarthritis patients with metabolic syndrome
4. Gestational diabetes mellitus as a risk factor for future type-2 diabetes mellitus: an experience from a tertiary care diabetes hospital, karachi - pakistan.
5. Exploring maternal and neonatal outcomes in women with type-1 diabetes: a study from pakistan.
6. Enhancing the antibacterial and surface hardness of glass ionomer cement modified with salvadora persica and chlorhexidine: an in vitro study.
7. Assessing the quality and standards of operative notes in general surgery; a teaching institute's experience in pakistan.
8. Craniofacial growth pattern of thalassemia major patients in the haematological institutes of populations of karachi pakistan.
9. Impact of haemoglobin f augmentation therapy on quality of life and haematological and biochemical parameters in beta thalassaemia major patients in a multicentre study from karachi, pakistan.
10. Association between red cells distribution width and glycemic control among people with type 2 diabetes
11. Assessing the safety profile of carica papaya leaves and seeds on hepatic and renal function in healthy rabbits
12. Presentation and outcome of infection in hospitalized patients with diabetic foot at a tertiary care hospital
13. The darker perspective behind skin lightening practices and its effect on mental health.
14. Integration of pedagogic knowledge concerning periodontitis in clinical practices: a cross sectional study on dentists' implementation
15. Effects of rank 1 inhibitor on hormonal parameters in letrozole induced rat model of polycystic ovary syndrome.
16. Comparison between portable pulse oximeter and conventional icu pulse oximeter measurements in healthy adults: a cross sectional study

17. Unraveling the mind-gut connection: investigating anxiety and depression in functional dyspepsia: anxiety and depression in functional dyspepsia
18. Insulin secretion, transaminase activities and alterations in liver histology in experimental type II diabetic albino (wistar) male rats following treatment with mangifera indica.
19. Knowledge and attitude about covid-19 vaccination in pregnant women at baqai medical university.
20. Assessment of meibomian gland dysfunction and dry eye disease by using novel noninvasive ocular surface analyzer in people with type 2 diabetes.
21. Perception of pakistani doctors towards facilitation of artificial intelligence in diagnosis of cancer
22. Frequency of prolonged qtc in patients with decompensated chronic liver disease in a rural cohort of sindh
23. Mandibular analysis of beta thalassemia patients from hematological institutes of karachi pakistan
24. Features and frequency of complications among pilgrims with diabetes during hajj.
25. Post-graduation career preferences of medical students of karachi and the determinants behind expected brain drain
26. Unraveling the genetic landscape: frequency of beta globin genes mutations in transfusion-dependent beta thalassaemia patients at an urban centre in karachi
27. Revitalizing dental education: aligning curriculum with contemporary dentistry
28. Building ethical foundations: integrating ethics into the dental curriculum
29. A retrospective study of mandibular fractures in tertiary care hospitals of karachi.
30. Improved ridge width with tenting screw bone augmentation using particulate and block grafts: a case report.
31. Efficacy of seventh generation bonding agents as desensitizers in patients with dentin hypersensitivity: a randomized clinical trial.
32. Why existing dental curricula in pakistan falls short in fostering imperative soft skills? Solution, towards globalization”
33. Craniofacial growth pattern of thalassemia major patients in the hematological institutes of populations of karachi pakistan.
34. The awareness and implementation of anti-neoplastic drug waste management in karachi's healthcare facilities and daycares

35. To investigate the waste management practices in different dental setups of karachi
36. Knowledge about the colour code segregation of biomedical waste in tertiary care hospitals of karachi
37. The impact of online shopping values and website cues on purchase behaviour using the sor framework.
38. Unravelling the symphony of high-performance work systems from commitment to satisfaction, readiness for change, and beyond
39. A study on biomedical waste management knowledge among medical universities staff nurses and nursing students
40. Leveraging aws for innovation: exploring ai-driven cognitive capabilities and organizational performance in pakistan
41. Assessing gender equality in healthcare: how hr practices and organizational culture affect women's career trajectories in pakistan
42. Impact of celebrity endorsements and online reviews on health product purchases in pakistan
43. Assessing the role of integrated supply chain and islamic practices in enhancing halal supply chain integrity (hsci) and performance in pakistan
44. Factors influencing patient loyalty: trust, empathy, and service quality in private healthcare
45. The theory of planned behavior as a mediator between electronic word-of-mouth and sustainable fashion purchase intentions: a pakistani context
46. KAP and oral hygiene: understanding endocarditis risk in sindh's low-income communities
47. Enhancing buyer competitive advantage: the role of supplier flexibility in the fmcc sector
48. Frequency and associated factors of severe acute malnutrition in children aged 6 to 59 months at qambar shahdadkot, sindh
49. Rage signalling contributes to oxidative stress and inflammation in knee osteoarthritis patients with metabolic syndrome
50. Antioxidative effects of vitamin c on methotrexate induced hepatic damage in rat.
51. Association of upper extremity pain with the duration spent on the smartphone: a cross sectional survey.
52. Efficacy comparison between the strengthening exercises and transcutaneous electrical nerve stimulation (tens) in chronic non-specific neck pain patients

53. Association of adiponectin-leptin ratio, visfatin and tnf alpha with metabolic derangements in people with type 1 diabetes
54. Association between red cells distribution width and glycemic control among people with type 2 diabetes
55. Hospital management system using web technology is a demand of time
56. Developing national diabetes programmes, guidelines, and registries. Inbide's diabetes desk book
57. Assessment of salivary mmp-8 and il-1 $\beta$  for the diagnosis of periodontal diseases in pakistani population.
58. A scoping review of type 2 diabetes mellitus in pakistan investigating the status of glycemic control, awareness, treatment adherence, complications and cost
59. Time of eruption and relationship with body fatness of pakistani children from a country-wide study
60. Effectiveness of fish oil in controlling inflammation in adult patients undergoing hemodialysis: a systematic review and meta-analysis
61. Knowledge and attitude about covid-19 vaccination in pregnant women at baqai medical university
62. Comparison of neonatal outcome of elective cesarean section done at 37–38 weeks of gestation and at 39-40 weeks of gestation
63. Evaluation of the training program to train hiv treatment center staff in pakistan.
64. Screening, testing and treatment of hepatitis c in children and adolescents suffering from thalassemia.
65. Comparative study of the combined antibacterial effects of grape seed and cranberry fruit extracts on extended-spectrum beta-lactamase (esbl)-producing escherichia coli: antibacterial effects of grape seed and cranberry extracts
66. Hypoxic ischemic encephalopathy: think outside the box
67. Determining the stage of kaposi sarcoma through histopathological analysis: identifying the most effective finding: effective histopathological findings for staging kaposi sarcoma
68. E-learning: exploring the factors influencing faculty readiness during covid-19 pandemic for online teaching
69. Association of braden scale and subscale scores of patients with and without open wound pressure ulcers.

70. Investigating the satisfaction of students within public sector and private sector medical colleges: an empirical evidence from pakistan: satisfaction of students in medical colleges.
71. The effect of critical concept map (ccm) in teaching tropical and communicable disease among undergraduate nursing students.
72. Analysis of tolfenamic acid using a simple, rapid, and stability-indicating validated hplc method.
73. Photolysis of tolfenamic acid in aqueous and organic solvents: a kinetic study
74. Timings, reporting procedures about violence incident and encouragement to report wpv among health care workers.
75. Economic evaluation of the parents of malnourished thalassemia major patients
76. Socioeconomic status: a lethal weapon in deteriorating the satisfaction level attributed to thalassemia management in pakistan
77. Effect of patient-centered self-management intervention on glycemic control, self-efficacy, and self-care behaviors in south asian adults with type 2 diabetes mellitus: a multicenter randomized controlled trial
78. Sequel: prevalence of dental caries in saudi arabia: a systematic review and meta-analysis
79. Enhancing the antibacterial and surface hardness of glass ionomer cement modified with salvadora persica and chlorhexidine: an in vitro study.
80. Craniofacial growth pattern of thalassemia major patients in the haematological institutes of populations of karachi pakistan.
81. "revitalizing dental education: aligning curriculum with contemporary dentistry
82. Building ethical foundations: integrating ethics into the dental curriculum
83. Covid 19 and food safety: guidance for preventive techniques in food borne diseases by micro-organisms.
84. Exploring the depth of patient safety and care: an investigation into the knowledge and attitudes of healthcare students across undergraduate, graduate, and postgraduate levels.
85. A retrospective study of mandibular fractures in tertiary care hospitals of karachi.
86. Improved ridge width with tenting screw bone augmentation using particulate and block grafts: a case report.

87. Clinical presentation, tumour characteristics, sociodemographic, and lifestyle-related factors of oral cancer in patients visiting abbasi shaheed hospital, karachi pakistan.
88. Efficacy of seventh generation bonding agents as desensitizers in patients with dentin hypersensitivity: a randomized clinical trial.
89. Why existing dental curricula in pakistan falls short in fostering imperative soft skills? Solution, towards globalization”
90. Craniofacial growth pattern of thalassemia major patients in the hematological institutes of populations of karachi pakistan.
91. Electric pulp test threshold responses in healthy mature permanent teeth: electric pulp test threshold responses in healthy teeth
92. Oral potentially malignant disorders: a comprehensive review of diagnostic
93. Approaches and management strategies”
94. Exploring dentists knowledge and perspectives on oral biopsies at baqai dental college karachi
95. Developmental defects of teeth triggered by the estrogen given during pregnancy
96. E-learning: exploring the factors influencing faculty readiness during covid - 19 pandemic for online teaching
97. Aessment of occupational based stress and Internal coherence related with quality of life Through heartrate variability (hrv)-a cross Sectional study”
98. Prosthodontic management of a patient with ectodermal dysplasia—a clinical report.
99. Two-piece maxillary hollow obturator retained by mini magnets: a case report
100. Gingival biotype and width of attached gingiva - a prevalence study.
101. The growth of research publications in health sciences in pakistan over the last few years. (editorial)
102. Effects of rankl inhibitor on hormonal parameters in letrozole induced rat model of polycystic ovary syndrome.
103. Insulin secretion, transaminase activities and alterations in liver histology in experimental type ii diabetic albino (wistar) male rats following treatment with mangifera indica.
104. Assessing the safety profile of carica papaya leaves and seeds on hepatic and renal function in healthy rabbits
105. Analysis of tolfenamic acid using a simple, rapid, and stability-indicating validated hplc method.

106. Photolysis of tolfenamic acid in aqueous and organic solvents: a kinetic study
107. Riboflavin (vitamin b2) sensitized photooxidation of ascorbic acid (vitamin c): a kinetic study.
108. Discovery of new  $\alpha$ -glucosides, antiglycation agent, and in silico study of 2-(3,4-dihydroxyphenyl)-7,8-dihydroxy-3-methoxy-4h-chromen-4-one isolated from pistacia chinensis
109. A comprehensive pharmacological exploration and anti-cancer prospective of stem bark of croton bonplandianus
110. In vivo analgesic, anti-inflammatory, sedative, muscle relaxant activities, and docking studies of 3', 4', 7, 8-tetrahydroxy-3-methoxyflavone isolated from pistacia chinensis.
111. Antidiabetic properties of caffeoylmalic acid, a bioactive natural compound isolated from urtica dioica
112. In vitro and in silico antiproliferative potential of isolated flavonoids constitutes from pistacia integerrima
113. Cell cycle dysregulation in cancer: molecular mechanisms and therapeutic implications
114. Assessing the safety profile of carica papaya leaves and seeds on hepatic and renal function in healthy rabbits
115. Fourier transform-infrared (ft-ir) analysis and phytopharmacognostic screening of the aerial parts of croton bonplandianus
116. Assessment of occupational based stress and internal coherence related with quality of life through heartrate variability (hrv)-a cross sectional study
117. Ascorbic acid assisted photodegradation of methylcobalamin using corrective irrelevant absorption spectrophotometric assay: a kinetic study.
118. Anticancer therapeutic potential of genus diospyros: from phytochemistry to clinical applications – a review
119. Multi-target anticancer activity of compounds isolated from galls of pistacia chinensis subsp. Integerrima: a mechanistic investigation
120. Multicenter study on the success rates of common bile duct cannulation using various techniques
121. Evaluation of anticonvulsant properties of novel imine derivatives of piperidone oximes: in-silico and in-vivo activity in seizure models
122. A kinetic study for the estimation of riboflavin sensitized photooxidation of pyridoxine hcl using green uv-visible spectrometric and hplc methods

123. Green synthesis, characterization, and in vitro and in vivo biological screening of iron oxide nanoparticles (fe<sub>3</sub>o<sub>4</sub>) generated with hydroalcoholic extract of aerial parts of euphorbia milii
124. Anticancer potential of diospyrin and its analogues: an updated review
125. Sanger sequencing technique is employed to identify the polymorphism of the transcription factor 7/like2 (tcf7/l2) gene associated with obesity, dyslipidemia, hypertension, and diabetic retinopathy in the type 2 diabetes population presenting to the tertiary care unit in karachi
126. Rationale drug therapy for the management of myocardial infarction
127. Bioactivity of 2-(3,4-dihydroxyphenyl)-5,7-dihydroxy-2,3-dihydrochromen-4-one from pistacia chinensis on enpp1 and aldose reductase
128. High-performance liquid chromatographic method for determination of voriconazole in pure and gel formulation
129. A comparative evaluation: metformin vs. Metformin with probiotics in adolescents with pcos: impact on testosterone levels, acne and hirsutism
130. Comprehensive insights into the neutrophil percentage to albumin ratio (npar): an emerging integrated biomarker for inflammation and prognosis
131. Seroprevalence of hepatitis b and coinfection with hepatitis d in pregnant females of rural areas of karachi
132. Effects of diabetes on cardiac contractile proteins and reversal with insulin
133. Implication of ai technologies in improving the diagnosis of breast cancer within the pakistani healthcare system
134. Dietary intake of individuals with type 2 diabetes during ramadan fasting in accordance with ramadan nutrition plan (rnp)-diabetes & ramadan (dar) guidelines 2021
135. Frequency of erectile dysfunction in patients with type 2 diabetes mellitus presenting with peripheral neuropathy at a tertiary care hospital
136. Factors affecting adherence to medical nutrition therapy and physical activity among people with type 2 diabetes.
137. Effect of covid-19 lockdown on health of women in pakistan-socioeconomic perspective.
138. The alarming link between metabolic disease and sugar-sweetened beverage consumption
139. Diabetic foot. Inbide's diabetes desk book
140. Macrovascular complications: cerebrovascular disease inbide's diabetes desk book

141. Macrovascular complications: coronary artery disease. Inbide's diabetes desk book
142. Frequency of anemia in type 1 diabetic adolescent patients in tertiary care hospital of karachi, pakistan: frequency of anemia in type 1 diabetic adolescent patients.
143. Association of braden scale and subscale scores of patients with and without open wound pressure ulcers
144. Investigating the satisfaction of students within public sector and private sector medical colleges: an empirical evidence from pakistan: satisfaction of students in medical colleges.
145. Post-graduation career preferences of medical students of karachi and the determinants behind expected brain drain
146. Covid-19 vaccination-related concerns amongst healthcare workers