

RAWAL DENTAL HOSPITAL PUBLISHED RESEARCH PROJECTS

Updated : March '25

ORTHODONTICS

sr. no	Principle researcher	Title	Year	Status
1.	Dr. Huma Kiani	Smile esthetics: A comparative study between dental students and lay persons	2022	Published
2.	Dr. Huma Dr. Saadia	Comparison of periodontal probing status between molar bands and molar tubes	2022	Published
3.	Dr. Huma kiani	Awareness of orthodontic treatment among teachers in Pakistan	2023	Published
4.	Dr. Zahra Dr. Wardah	Measuring stress, QOL in dental students with TMD	2023	Published
5.	Dr. Huma Dr. Sadia	Comparison of knowledge and attitude towards chatGPT in 1 st and 4 th year BDS	2023	Published
6.	Dr. Huma Dr. Sadia	Entrepreneurial knowledge and intentions of house officers in dental hospitals	2023	Published
7.	Dr. Huma Dr. Sadia	Ortho treatment duration and impact of patient well being	2023	Published
8.	Dr. Huma Dr. Sadia	Frequency of arch forms in Pakistani sample and its association with COS with gender	2023	Published
9.	Dr. Huma Dr. Sadia	Nasolabial old dynamics in ortho treatment. Ext vs Non extraction	2024	Published
10.	Dr. Huma Dr. Sadia	Experience and challenges faced by orthodontist while treating ortho patients.	2024	Published
11.	Dr. Huma Dr. Sadia	Assessing accuracy of AI models in orthodontic knowledge. A comparative study between chatGPT and google bard	2024	Published
12.	Dr. Sadia Dr. Huma	Assessment of the predictors of compliance in orthodontic patients using the health benefit model	2024	Published
13.	Dr. Huma Dr. Sadia	Use of tele-dentistry in orthodontic patients during the covid pandemic	2024	Published
14.	Dr. Sadia Dr. Huma	Recent orthodontic advancements: A systematic review	2024	Published
15.	Dr. Sadia	Limitations of Artificial Intelligence in orthodontics: literature review	2025	Published

PROSTHODONTICS

sr. no	Principle researcher	Title	Year	Status
1.	Dr. Amna Amjad	Temporomandibular disorders in patients with TMDS	2022	Published
2.	Dr. Amna Amjad	Analysis of one best type multiple choice questions	2022	Published
3.	Dr. Amna Amjad	Efficacy of occlusal appliance therapy in TMDS	2022	Published
4.	Dr. Amna Amjad	Gingival health status of abutment teeth in acrylic removal partial denture	2024	Published
5.	Dr. Amna Amjad	Comparison of fluoride varnish and gluma desensitizer in the management of Dentinal hypersensitivity	2024	Published
6.	Dr. Amna Amjad	Efficacy of hard and soft occlusal splint therapy in the management of Temporomandibular disorders: a comparative study	2024	Published
7.	Dr. Muhammad Farooq Kamran	Patient's motives to visit dental quacks for missing teeth and complications associated with prosthesis	2024	Published

OPERATIVE/ ENDODONTICS

sr. no	Principle researcher	Title	Year	Status
1.	Dr. Rizwan	The antibiotic prescription trend of dentists for endodontic treatment from a region of Pakistan. An online survey	2022	Published
2.	Dr. Rizwan	Assessment of root canal morphology in upper second premolar	2022	Published
3.	Dr. Farah	Self-cure acrylic and stapler pin retrieval from maxillary central tooth. A case report	2022	Published
4.	Dr. Hina Dr. Rizwan	Assessment of periapical periodontitis in root canal treatment failure patients related to the length of root canal filling.	2022	Published
5.	Dr. Rizwan	In vitro effect of effectivity of G bond and Z prime plus in prevention of fracture of pre fabricated zirconia posts bonded to root canal walls	2023	Published
6.	Dr. Rizwan	A clinical trial of patient reputed alteration in pain and opioid intake	2023	Published

		following paracetamol and magnesium sulfate after orthognathic surgery		
7.	Dr. Rizwan	Assessment of parental acceptance towards different non- pharmacological behavior management techniques in pediatric dental care. A cross sectional study	2023	Published
8.	Dr. Rizwan	Awareness about management of avulsed tooth among dental interns. A cross sectional observational study.	2023	Published
9.	Dr. Farah Mushtaq	Awareness and attitude towards silver diamine fluoride treatment among Pakistani dental practitioners in Islamabad private and government dental hospital	2023	Published
10.	Dr. Rizwan	Prevalence of second mesiobuccal canal in maxillary second molars on the basis of clinical and radiographic parameters	2023	Published
11.	Dr. Rizwan	Prevalence of dens invagination in maxillary lateral incisors in patients visiting Peshawar dental college and hospital	2024	Published
12.	Dr. Rizwan, Dr. Abeera	Comparison of effectiveness of inferior alveolar nerve block and gow gates technique in mandibular molar teeth with irreversible pulpitis	2024	Published
13.	Dr. Rizwan	Risk factors for first molar caries in 8-12 years olds: A cross sectional study	2024	Published

PERIODONTICS

sr. no	Principle researcher	Title	Year	Status
1.	Dr. Kaleem	Can we predict academic achievement through motivation and pre-admission scores? A cross sectional study.	2022	Published
2.	Dr. Uzma Saeed	Frequency of gingival recession in correlation with gingival phenotype: a cross sectional study	2024	Published
3.	Dr. Kaleem	Assessment of various oral hygiene practices leading to gingival recession	2024	Published
4.	Dr. Uzma Saeed	Interdisciplinary insights: exploring the interplay of orthodontics, periodontics and chest diseases in comprehensive oral and respiratory health	2024	Published

ORAL SURGERY

sr. no	Principle researcher	Title	Year	Status
1.	Dr.Zaki, Dr. Amna Muzaffar	Conventional rotary versus piezoelectric techniques for extraction of impacted mandibular third molars; comparison of the duration of surgery and post operative pain	2023	Published
2.	Dr. Zaki	Effect of informed consent on patient's anxiety regarding 3 rd molar surgery	2024	Published

ORAL MEDICINE

sr. no	Principle researcher	Title	Year	Status
1.	Dr. Sadia Paiker	Clinical efficacy of oxcarbazepine compared with carbamazepine in terms of pain relief in the management of trigeminal neuralgia: A comparative study	2024	Published
2.	Dr. Sadia Paiker	Effect of informed consent on patient's anxiety regarding 3 rd molar surgery	2024	Published

ORAL PATHOLOGY

sr. no	Principle researcher	Title	Year	Status
1.	Dr. Farah Farhan	Role of antioxidant enzymes pathogenesis of oral squamous cell carcinoma: A systemic research and meta analysis	2024	Published
2.	Dr. Farhan Farhan	Diagnostic accuracy of fine needle aspiration in salivary gland tumors.	2024	Published

ORAL BIOLOGY

sr. no	Principle researcher	Title	Year	Status
1.	Dr. Nabeela	Integral nuclear proteins in cell signaling in relation to oral cancer and its treatment modalities; A systematic review	2024	Published
2.	Dr. Nabeela, Dr. Faiza Gulfam	The prevalence of oral malodor and associated factors among dental students from twin cities, Pakistan	2024	Published
3.	Dr. Nabeela	Critical appraisal of a qualitative review: A systematic review	2024	Published
4.	Dr. Faiza Gulfam	Exploring Attributes of Health Professions Educationists in their workplace with the lens of bourdieu's theory of practice: an exploratory study	2024	Published
5.	Dr. Faiza Gulfam	Digital imaging and 3-D Modeling in Oral Morphology: A New Era in dental diagnosis	2024	Published
6.	Dr. Nabeela	Reliability and validity testing for the child oral health impact profile-reduced (COHIP-SF 19) in school going children	2025	Published

DENTAL MATERIALS

sr. no	Principle researcher	Title	Year	Status
1.	Dr. Sadaf Humayoun	Fabrication and evaluation of antimicrobial efficacy of root canal sealer using moringa oleifera extract	2024	Published
2.	Dr. Sadaf Humayoun	Critical Appraisal of a qualitative review: A systematic review	2024	Published
3.	Dr. Sadaf Humayoun	Integral nuclear proteins in cell signaling in relation to oral cancer and its treatment modalities; A systematic review	2024	Published
4.	Dr. Sadaf Humayoun	The prevalence of oral malodor and associated factors among dental students from twin cities, Pakistan	2024	Published
5.	Dr. Sadaf Humayoun	Dental phobia Among patients undergoing different dental treatments	2024	Published