

RESEARCH TOPICS 2023

DEPARTMENT OF PROSTHODONTICS [2/5/23]		
SR. NO.	Name of Primary Investigator	RESEARCH TOPIC
1	Dr.Priyanka Gupta	Comparative evaluation of the effect of different static auto-mixing tips on dimensional accuracy, detail reproduction, homogeneity & material wastage of polyvinyl siloxane and polyether impression material –An in vitro study
2	Dr.S Deeksha	Comparative evaluation of the effect of two primers on bond strength of different maxillofacial silicone elastomers to acrylic resin – An in vitro study.
3	Dr. Arushi Sharma	Comparative evaluation of linear dimensional accuracy of di-acrylate material and traditional splinting material for making of implant level impression-An in vitro study.
4	Dr. Vishakha Sachani	Comparative evaluation of shear bond strength of two commercially available core build-up materials to resin luting cement-An in-vitro study
5	Dr. Sanket Birajdar	Comparative evaluation of the impact of thermocycling on the marginal integrity of interim restorations fabricated by conventional technique, CAD/CAM abd 3D Printing- An invitro study
6	Sayem Anwarhussain Mulla	Knowledge, Attitude and Practice (KAP) of Gingival Veneers as a Prosthetic Treatment Option amongst Dentists of Mumbai and Navi Mumbai Region - A Questionnaire-Based Survey
DEPARTMENT OF ORTHODONTICS [3/5/23]		
	Name of Primary Investigator	RESEARCH TOPIC

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1	Dr. Diksha Wali	Comparative evaluation of two aligner cleansing solutions on the mechanical properties of thermoformed and 3-D printed aligners : An in-vitro study.
2	Dr. Rituparna Das	Comparative Evaluation of Cytotoxicity of Different Clear Aligner Systems Using MTT Assay on Human Primary Gingival Fibroblasts: An in Vitro Study
3	Dr. Megha Sarkar	Comparative Evaluation of failures of mandibular fixed orthodontic retainers placed with or without rubber dam isolation : A Randomized control trial
4	Dr. Atreyee Mitra	Comparative evaluation of Two different microosteoperforation techniques on the rate of orthodontic tooth movement:a single centre,split mouth,prospective randomised control trial: An in-vivo study.
5	Dr. Amey Patil	Effect of Maxillary Incisor Labiolingual Inclination & Antero-Posterior Position on Smiling Profile Esthetics- A computer aided photographic study
6	Madhavi Singh	Incidence of mandibular third molar impaction in different facial contour and based on lower facial height - A cross sectional study
DEPARTMENT OF PEDODONTICS [4/5/23]		
SR. NO.	Name of Primary Investigator	RESEARCH TOPIC
1	Dr. Arati P Vaiude	Development of an orthopantomogram-based space analysis to assess the widths of unerupted canines and premolars in mixed dentition and its comparison with Moyers and Tanaka-Johnston space analyses - A cross-sectional study

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2	Dr. Tejal L Beldar	Impact of parental counselling using Novel Sugar Meter and CRAFT compared to standard instructions on the behaviour of preschool and early school children attending a private dental college in Navi Mumbai - A mixed methods study.
3	Dr. Supriya H Solanke	Comparison of microleakage of different silver diamine fluoride formulations (solutions and gel) with resin modified - glass ionomer cement restoration on human teeth by dye penetration method using stereomicroscopy: An in-vitro study.
4	Dr. Supriya H Solanke	Association between Bruxism and Cervical spine position in human subjects: a systematic review and meta-analysis of observational studies.
5	Dr. Somya Goel	To comparatively assess the efficacy of intracanal medicaments used in multi-visit endodontic treatment of primary teeth: A systemic review and meta-analysis
6	Dr. Somya Goel	Comparison of wear between bamboo and nylon bristle toothbrushes: An in-vitro study
7	Khyatee Mittal	Sex determination by odontometric analysis in a sample of the Maharashtrian population
8	Dr. Tanvi Saraf	Assessment of Postgraduate seminar sessions by a modified visual checklist based on Gagne's principles of instructional design - A cross-sectional pilot study.
9	Dr. Tanvi Saraf	Art and Puppets as educational tools for diet counseling among 4 to 6 year old children- A Quasi experimental study.

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DEPARTMENT OF ENDODONTICS [5/5/23]		
SR. NO.	Name of Primary Investigator	RESEARCH TOPIC
1	Dr. Karan Akude	COMPARATIVE EVALUATION OF PALODENT AND DUAL FORCE SECTIONAL MATRIX SYSTEM ON PROXIMAL CONTACT TIGHTNESS OF CLASS II COMPOSITE RESTORATIONS IN ADULT HUMAN PERMANENT MOLARS A RANDOMIZED CONTROLLED CLINICAL TRIAL
2	Dr. Vaishnavi Patankar	Comparision of Efficacy of various Liners on Pulp vitality after selective caries removal in Permanent teeth - A Systematic Review and Meta-analysis
3	Dr. Shivani Waje	Efficacy of Premedication on Post Endodontic Pain: An Umbrella Review
4	Dr. Swapnil Jadhav	Comparative evaluation of the effect of preheating on flexural strength of giomer ,nanofill and fibre reinforced composite -An in vitro study
5	Dr Pooja Shah	Comparative evaluation of postoperative sensitivity in non carious cervical lesions restored with composite using step curing VS continuous curing modes of LED: A split mouth randomised controlled
6	Dr.Apurva Patil	Comparative evaluation of the effect of different antioxidant treatment on the micro-shear bond strength of composite resin to bleached enamel-an in vitro study
7	Dr.Vishal U Raut	COMPARATIVE EVALUATION TWO DIFFERENT ANTIBIOTICS IN COMBINATION WITH ROOT CANAL SEALER ON POSTOPERATIVE PAIN IN PERMANENT MANDIBULAR MOLARS FOLLOWING ENDODONTIC TREATMENT-A DOUBLE BLINDED RANDOMIZED CONTROLLED TRIAL.”

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8	Dr.Vidit Naik	EFFECTIVENESS OF INTRACANAL CRYOTHERAPY ON POSTOPERATIVE ENDODONTIC PAIN:AN UMBRELLA REVIEW.
9	Dr. Ritvi Arvind	Survival Rates of different preparation designs for anterior porcelain laminate veneers: An umbrella review
10	Dr. Dhanashree Kamble	Success rate of international replantation in permanent teeth: an umbrella review
11	Rishika Patel	Narrative Review of the Efficacy of Low Level Laser Therapy in the Management of Post-Endodontic Pain: Mechanisms, Clinical Outcomes, and Future Directions
		DEPARTMENT OF PERIODONTICS [6/5/23]
SR. NO.	Name of Primary Investigator	RESEARCH TOPIC
1	Dr. Sharvari Pokale	Evaluation of clinical efficacy of subgingival application of 1% Clindamycin gel as an adjunct to scaling and root planing in the treatment of chronic periodontitis
2	Dr. Kshitij Phaltankar	Comparative evaluation of subgingival application of chlorhexidine gel (glucosite) and bluem gel as an adjunct to scaling and root planing in chronic periodontitis in smokers: a clinical and microbiological study
3	Dr. Pranjali Bhagwat	Comparative evaluation of antiplaque and anti-inflammatory effect of probiotic mouth rinse and chlorhexidine mouthwash in treatment of chronic gingivitis -a randomised controlled trial
4	Dr Richa kamat	Comparative evaluation of efficacy of subgingival irrigation with ozonated water and 0.2% chlorhexidine gluconate in chronic periodontitis patient-a split mouth randomised controlled trial

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5	Dr. Aditi Kabra	comparative evaluation of gingival depigmentation by microneedling and topical vitamin C with surgical scalpel technique -a split mouth randomised controlled trial
2	Rigveda Gadhave	SURVEY ON ADULT CONSUMER ACCEPTIBILITY AND PALATIBILITY OF CHARCOAL TOOTHPASTE AGAINST NON-CHARCOAL TOOTHPASTE- Questionnaire study
8	Gauri Mankar	Knowledge, attitude, practice of dentists regarding constrained mouth opening leading towards comprised periodontal health and it's management through multidisciplinary approach-A questionnaire based study
9	Dr. Viraj Kharkar	
		INTERNS / UG [9/5/23]
SR. NO.	Name of Primary Investigator	RESEARCH TOPIC
1	Mihika Todankar	DETERMINATION OF GENDER BY CBCT ANALYSIS OF THE DIAMETER OF MENTAL FORAMEN ON THE MANDIBLE IN NAVI MUMBAI POPULATION : A NOVEL APPROACH IN FORENSIC IDENTIFICATION
2	Harshita Shukla	Accuracy and Reliability of 3-D Photogrammetry for recording facial morphology in patients with craniofacial deformities - A Systematic Review.
3	Navonil Bhattacharya	Narrative Review of Tooth Autotransplantation: Examining Pre-Requisites, Clinical Procedure, Benefits, Limitations, and Recent Advancements
4	Ashita Singh	Narrative Review of Sodium Hypochlorite Irrigant in root canal therapy; Efficacy and Safety in preventing extrusion beyond the root apex and minimising damage to soft tissues and nerves.

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5	Pranathi Pulavarthy	Patient perceived barriers for dental care among general population in Navi Mumbai - A questionnaire based survey
6	Almas Bhavikatti	Survey on oral manifestations of common mental health disorders in dental patients and it's relevance in dentistry- a questionnaire study.
7	Saili Tayshete	Insights into Knowledge, Attitudes and Perceptions of Dental Practitioners Towards Magnification Aids in Clinical Dentistry: A Questionnaire Survey
8	Prakruti Desai	Narrative review of treatment of large sized true radicular cyst - evaluating the need for comprehensive endodontic-surgical approach
9	Srishti Srivastava	Knowledge, Attitude and Hurdles in conducting research projects amongst dental undergraduate students in Mumbai and Navi Mumbai : A Questionnaire based Prospective Study
10	Srishti Srivastava	Comparison of Kallikrein 7 levels in OSMF and OSCC patients visiting Private clinic and Institution at Navi Mumbai: A Case - Control Study
11	Srishti Srivastava	Comparison of therapeutic efficacy of a combination of aloe vera and pineapple juice with Abgel in healing of extraction sockets

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12	Saba Anwar Kondkari	ASSESSMENT OF EFFECT OF LEARNING ENVIRONMENT ON MENTAL HEALTH OF DENTAL STUDENTS IN A PRIVATE INSTITUTE IN NAVI MUMBAI: A MIXED-MODE RESEARCH