

**INDIRA GANDHI INSTITUTE OF DENTAL SCIENCES**

**PG ONGOING RESEARCH**

**TOTAL PG ONGOING RESEARCH 49**

<b>Sl. No.</b>	<b>DEPT NAME</b>	<b>PROJECT NAME</b>	<b>PRINCIPAL INVESTIGATOR</b>	<b>CO-INVESTIGATOR</b>	<b>COLLABORATING DEPARTMENT</b>
1.	OMFS[9]	COMPARISON BETWEEN THE PREVALENCE OF PSYCHOLOGICAL DISTRESS AND QUALITY OF LIFE IN FACIAL TRAUMA VICTIMS – A CROSS SECTIONAL SUDY	Dr.S.MONICA	Prof.Dr.V.Yuvaraj	
		EVALUATION OF CRANIOMAXILLOFACIAL INJURY OUTCOMES AND ITS IMPACT ON QUALIY OF LIFE BY APPLYING INJURY SEVERITY SCORE –A CROSS SECTIONAL STUDY	Dr.S.DEEPIKA	Prof.Dr. R.Sathyanarayanan	
		EVALUATION OF QUALITY OF LIFE IN HAZARDOUS DRINKER EXPERIENCING FACIAL TRAUMA IN MGMCRI – A CROSS SECTIONAL STUDY	Dr.V. VENUGOPALAN	Prof.Dr.V.Suresh	
		EFFICACY OF DEXAMETHASONE INJECTION INTO GLUTEAL VERSUS MASSETER MUSCLE DURING SURGICAL REMOVCAL OF IMPACTED MANDIBULAR 3 <sup>RD</sup> MOLAR- A PROSPECTIVE RANDOMIZED COMPARATIVE CLINICAL STUDY.	DR. SELVAKUMAR	Prof.Dr. R.Sathyanarayanan	
		EVALUATING OF EFFICACY OF MICROPLATES IN THE MANAGEMENT OF ZYGOMATIC	DR. TAMIZH POZHIL GUNA	Prof.Dr.V.Suresh	

		COMPLEX FRACTURE – AN OBSERVATIONAL STUDY			
		EVALUATING THE EFFICACY & PLATELET RICH FIBRIN WITH HYDROXYAPETITE IN EXTRACTION SOCKET OF MANDIBULAR FIRST MOLAR – A PROSPECTIVE SINGLE BLIND RANDOMISED CONTROL STUDY.	DR. BHARATHI	Prof.Dr.V.Yuvaraj	
		COMPARISION OF REPIVACAINE & BUPIVACANIE IN POST OPERATIVE PAIN MANAGEMENT OF MANDIBULAR FIXATION. A RANDOMIZED CLINICAL STUDY.	DR.HARISH	Prof.Dr. R.Sathyanarayanan	
		EFFECT OF MUSIC LISTENING ON HEMODYNAMIC CHANGE IN FACIAL TRAUMA PATIENTS DURING APPLICATION OF ERICH'S ARCH BAR – RANDOMIZED CONTROL STUDY	DR.RAJKUMAR	Prof.Dr.V.Yuvaraj	CMTER, MGMCRI
		COMPARATIVE EVALUATION OF ORAL METHYLPREDNISOLONE, DEXAMETHASONE & SERRATIOPEPTIDASE FOR REDUCING POST OPERATIVE SEQUELAE AFTER MANDIBULAR 3 <sup>RD</sup> MOLAR SURGERY – RANDOMIZED TRIPLE COMPARATIVE STUDY.	DR.SARATH	Prof.Dr.V.Suresh	
2.	ORTHO [4]	Evaluation of soft tissue parameters in class I, class II and class III skeletal malocclusions. A retrospective cephalometric study.	Dr. Eunice John	<ol style="list-style-type: none"> <li>1. Dr Lidhiya</li> <li>2. Dr Marie Asha Ambroise</li> <li>3. Dr R S Senkutvan</li> <li>4. Dr Pradeep Babu Kummi</li> <li>5. Dr Aniruddh</li> </ol>	-

				Yeshvanth 6. Dr Vijay Kumar	
		Incisal display in various types of malocclusions in Pondicherry, Tamilnadu population. An observational study.	Dr Arya Jayavarma	1. Dr R S Senkutvan 2. Dr Pradeep Babu Kummi	
		Perception of gingival smile and midline shift among patients with different personality traits.	Dr. K.Geetha	1. Dr Hanumanth 2. Dr Aniruddh Yeshvanth	-
		To assess the severity of malocclusion and priority of orthodontic treatment among the dental undergraduate students.	Dr. Suresh Babu	1. Dr Pradeep Babu Kommi 2. Dr Anoop Mathew	-
3.	PERIODONTIA[10]	Validation of a questionnaire to measure the patient's satisfaction and psychosocial impact of periodontal therapy	Dr ARVINA	DR PRATEBHA	
		Comparison of coronally advanced flap and semilunar vestibular incision technique for multiple gingival recession in maxillary teeth – a randomized controlled trial	Dr. HEMA	DR SARAVANA KUMAR	
		Prevalence of periodontal disease among coal mine workers in tamil nadu - a cross sectional survey	Dr. VINOTH	DR PRATEBHA	
		Efficacy and acceptance of ANTERIOR MIDDLE SUPERIOR ALVEOLAR (AMSA) technique with conventional technique for maxillary anaesthesia in periodontal open flap debridement procedures –	Dr. ARUN	DR JANANNI	

		Comparative clinical study			
		Assessment of dose and duration dependent gingival overgrowth induced by Amlodipine - A Cross-sectional study	Dr. SHAHINAS	DR JANANNI	
		Assessment of change in oral health knowledge, awareness and practices following oral health counselling among transgender population in puducherry and cuddalore - an interventional	Dr. SHIVARANJANI	DR SARAVANA KUMAR	
		Salivary interleukin-6 levels among polycystic ovary syndrome (pcos) patients with and without chronic periodontitis - a comparative study	Dr. ARUN	DR SARAVANA KUMAR	
		Plaque microbiota around restorations on natural tooth and implants - A Comparative Study	Dr ARVINA	DR PRATEBHA	
		Correlation of salivary retinol binding protein - 4 levels with BMI in chronic Periodontitis patients.	Dr SHAHINAS	DR SARAVANA KUMAR	
		periodontal status in patients with polycystic ovary syndrome (pcos) and in healthy controls- a comparative study	Dr. ARUN	DR SARAVANA KUMAR	

4.	ORAL PATHOLOGY[2]	Analysis of Inflammatory response of Pre-eclamptic Women with periodontal disease	Dr.Chitra.N	Dr. A. Santha Devy  Dr. Pallavee  Dr. Sathish Babu	Department of Oral Pathology and Microbiology, IGIDS  Department of Biochemistry, MGMCRI  Department of Gynaecology, MGMCRI
		Immunohistochemical expression of MMP 11 and Bcl - 2 in potentially malignant disorders and oral squamous cell carcinoma.	Dr.Muthukumar	Dr. N. Vezhavendhan  Dr. S. Vidyalakshmi	Department of Oral Pathology and Microbiology, IGIDS
5.	PROSTHO[6]	Evaluation of bond strength between three different acrylic teeth and heat cure denture base resin due to the effect of trimming the ridge lap area- An In vitro study	Dr. Jithin Varghese mathew	Dr. Manoharan  Dr.Shivasakthy.M	
		A comparative evaluation of accuracy between the vinyl polyether silicone (VPES) and addition silicone using mono phase impression technique in fixed partial denture- A randomized control trial	Dr. Sonia Abraham	Dr. Srinivasan. J  Dr. Manoharan Dr.Varsha Murthy Dr. Mohammed Ali	

		Evaluation of the dimensional accuracy of three various impression materials using monophasic and putty wash impression techniques- An in vitro study	Dr. Vidhya. B	Dr. Manoharan - Dr. Sivasenthil Dr. Rajkumar	
		Comparative evaluation of effect of chemical and herbal mouth rinses on the surface roughness of indirect composite resin- an invitro study	Dr.V.Anand	Dr.Varsha Murthy  Dr. Sivasenthil.S  Dr.Manoharan.P.S	
		Evaluation of the shear bond strength of Indirect composite and Acrylic resins on grade II commercially pure titanium by sandblasting & acid etching – an invitro study	Dr. Agathian. R	Dr. Manoharan P.S Dr. Varsha Murthy	
		Comparative evaluation of dimensional stability and compressive resistance of three interocclusal record materials- an invitro study	Dr.S.L.Arjun	Dr.Manoharan.P.S.  Dr.Shivasakthy.M	
6.	OMR[6]	Comparative quantitative assessment of masseter and temporalis muscle elasticity using acoustic radiation force impulse in patients with unilateral chewing habit	Dr Abdul	Dr Vandana	Dept of Radiology , MGMCRI
		Effect of 0.1% Tea tree oil oral rinse compared to 1% Topical Clotrimazole on clinical and Histopathological Behaviour of Oral Candidiasis – A comparative	Dr.Kavya.L	Dr.Vandana.S	Dept of Oral Pathology, IGIDS. Dept of Microbiology,

		study			MGMCRI.
		Comparison of Salivary acetaldehyde level in smokers with and without leukoplakia and correlate with the histopathological findings .	Dr.Dhanraj.T	Dr.Vishwanath .R	Dept of Biotechnology Pondicherry university
		Estimation of haemodynamic parameters of oral squamous cell carcinoma using colour Doppler ultra sonogram and correlation with tumour thickness and local metastasis.	Dr.JuhiJahan	Dr.Vishwanath .R	Dept of General Radiology, MGMCRI. Dept of General Surgery, MGMCRI.
		Effect of Behavioral counselling in smokers with very low, low and medium dependence by estimating salivary cotinine levels using ELISA.	Dr.D.C. Manjula	Dr.Vishwanath .R	Dept of Biotechnology, Pondicherry university.
		Prevalence of temporomandibular in vocalist- An observational study	Dr.kavya.L	Dr.VishwanathRangdhol	
7.	ENDODONTICS[6]	Evaluation Of Reliability And Validity Of Occlusal Caries Detection By Direct Visual , Indirect Visual And Fluorescence Camera Using ICDAS II (Code 0,1,2)-An In Vivo Study.	Dr. Chandana	Prof. Carounanidy Usha Dr. Bindu Meera John	
		Evaluation Of Non-Carious Cervical Lesions Restored With Resin Modified Glass Ionomer And Glass Carbomer: A Single	Dr. Jasmine Rayapudi	Prof. Carounanidy Usha Dr. Bindu Meera John	

		Blind Randomized Control Clinical Trial			
		“Root Canal Morphological Variations of Permanent Mandibular Second Molar in South Indian Population using Cone Beam Computed Tomography” – An In Vitro Study	Dr. A.R. Prabhu	Dr.Karpagavinayagam Dr. Praveen Rajesh	
		Comparative Evaluation of Cariogenic Potential Of Natural Sweeteners on Streptococcus Mutans Biofilm Formation – A Microbiological Study	Dr. Ambily	Dr.Carounanidy Usha Dr. Karpagavinayagam	
		Comparative Evaluation of Colour Stability of Direct and Indirect Resin based Composites to Indian Spices – A Spectrophotometric Study.	Dr. Limly	Dr.Carounanidy Usha Dr. Bindu Meera John	
		Comparative Evaluation of Micro Tensile Bond Strength of a Resin Based Composite Using Experimental Neat Dentin Bonding Agent With Ethanol Wet Bonding Technique – An In Vitro Study	Dr. Nandini Dimple	Dr.Carounanidy Usha Dr. Karpagavinayagam	
8.	PEDODONTIA[6]	Comparative evaluation of effectiveness of tooth brushing training methods with or without yoga in children with Autism Spectrum Disorder	Dr. Eswari. R	Dr. Prathima G.S Dr. Sanguida. A	CYTER



		Estimating the prevalence of Molar-Incisor Hypomineralisation ( MIH) and its possible risk factors among 8-10 years old school children in puducherry- A cross sectional study	Dr. Narmatha. M	Dr. Prathima G.S Dr. Kayalvizhi. G	Nil
		Effectiveness of active and passive distraction techniques on reducing fear and anxiety and improving oral health knowledge of children undergoing extraction in the dental operatory- A Randomized Controlled Trial	Dr. Swarna.K	Dr. Kayalvizhi. G Dr. Sanguida. G	Nil
		Effect of aromatherapy with red mandarin essential oil on anxious paediatric dental patients aged 6-9 yrs – A Randomized Controlled Trial	Dr. Kavitha. M	Dr. Prathima. G.S	
		Comparative evaluation of the plaque removal efficacy of manual and chewable tooth brushes in children- A Randomized Clinical trial	Dr. Radha. S	Dr. Kayalvizhi. G	
		Comparison of salivary nitric oxide levels and their correlation with oral health status in healthy children and children with Autism spectrum disorder	Dr. Vinothini. V	Dr. Sanguida. A	