

ANNOOR DENTAL COLLEGE & HOSPITAL

DISSERTATION TITLES – 2012- 2021

Year	Thesis Title	Post Graduate	Guide	
Department of Oral Pathology				
1.	2016-19	Immunohistochemical expression of CD 68 & Lysozyme in Oral Epithelial Dysplasia and Oral Squamous Cell Carcinoma	Dr. Nissy Mathew	Dr. Bindhu PR
2.		Immunohistochemical expression of SOX2 in oral epithelial dysplasia & oral squamous cell carcinoma	Dr. Sapna Chandran	Dr. Rekha KP
3.	2014-18	Immunohistochemical expression of CD45 in Oral Squamous Cell Carcinoma & Malignant Salivary Gland neoplasms	Dr. Rose Mary David	Dr. Rekha KP
4.	2013-16	DNA Isolation from Dentin – Cementum Complex and Sex Determination Using Polymerase Chain Reaction	Dr. Arun BS	Dr. Rekha KP
5.		Immunohistochemical expression of Fascin & CD1a in oral lichen Planus.	Dr. Jose George	Dr. Rekha KP
6.		Immunohistochemical expression of podoplanin and fascin in Oral epithelial dysplasia, Oral Submucous Fibrosis and Oral Squamous Cell Carcinoma.	Dr. Shipa CN	Dr. Bindhu PR
7.	2012-15	Immunohistochemical expression of Cyclooxygenase -2 in Oral lichen Planus	Dr. Tibin Baby	Dr. Bindhu PR
8.		Immunohistochemical expression of Survivin in Oral squamous cell carcinoma	Dr. Sherin Mathew	Dr. Rekha KP
9.		Immunohistochemical expression of Cyclooxygenase -2 in Oral squamous cell carcinoma	Dr. Nirupa Thomas	Dr. Rekha KP
Dept of Prosthodontics				
10.	2019-22	Comparative Evaluation of Thermal Changes and Drill Wear Using Standard and Osseodensification Drills for Implant Site Preparation: An In Vitro Study	Dr. Switha V S	Dr. Cherian KP
11.		Comparative Analysis of Implant Stability in Patients Irradiated with And Without Low Level Laser: An In Vivo Study	Dr. Muhammed Aslam	Dr. Cherian KP
12.		Retention Strength of Three Dental Cements for Cement Retained Implant Abutment Cast Copings: An In Vitro Study	Dr. Anna S Geevarghese	Dr. Joe Mathew
13.	2018-21	Evaluation of Temperature Changes at The Implant Bone Interface During Splinting of Impression Coping with Auto Polymerizing Resin: An Invitro Study	Dr. Sethu S	Dr. Joe Mathew
14.		Effect of Silver Nanoparticles on The Tear Strength and Antifungal Properties of Two Commercially Available Irreversible Hydrocolloid Impression Materials: An Invitro Study	Dr. Lithiya Susan John	Dr. Cherian KP

ANNOOR DENTAL COLLEGE & HOSPITAL

15.	2018-21	Retentive Properties of O-Ring and Locator Attachments for Implant Retained Mandibular Overdentures on Vertical Dislodging Force: An Invitro Study	Dr. Jeewan Krishnan	Dr Cherian KP
16.	2017-20	Comparative evaluation of change in bone density during osteotomy preparation using bone expanders and osseodensification drill - An in-vivo study	Dr. Sooraj Babu	Dr Cherian KP
17.		An in-vivo study to compare the stability of dental implants placed using conventional osteotomy and osseodensification procedure in maxilla	Dr. Ajay Soman	Dr Cherian KP
18.		Comparative evaluation of maximum deformation and failure forces at the implant abutment interface with angled and straight abutments in the presence of two levels of bone loss- an Invitro study	Dr. Anjana Thomas	Dr Jyothi KS
19.	2016-19	Comparison of retention of three different provisional crown materials cemented with three different provisional cements: an invitro study	Dr Arya Sudarsanan	Dr Murukan PA
20.		Comparison of accuracy of impressions using splinted and non -splinted impression techniques for multiple implants: an in vitro study	Dr Belmin Benjamin	Dr. Byju Paul
21.		Comparative evaluation of microleakage at implant abutment connections between two types of abutments under occlusal load: an invitro study	Dr Anjali Aravind	Dr. Byju Paul
22.	2015-18	Evaluation of thermal changes during osteotomies in four different anatomical locations of alveolar bone with new and used drills: a cadaver study	Dr Vyshak G Das	Dr. Byju Paul
23.		A comparative study on the relationship between interpupillary, intercanthal and interalar width and the circumferential width of six maxillary anterior teeth in differ age group of Central Kerala Population	Dr Merlyn George	Dr Murukan PA
24.		Comparison of fracture strength of all ceramic Endocrown and glass fiber post retained conventional all ceramic crown in maxillary first premolars – an In vitro study	Dr Jacob George	Dr. Byju Paul
25.	2014-17	A comparative evaluation of dimensional accuracy of extended pour and conventional irreversible hydrocolloid with addition silicone elastomeric impression materials: an in vitro study	Dr Diana PR	Dr. Byju Paul
26.		Comparative evaluation of flexural strength of polyamide and fiber reinforced denture base materials with injection molded polymethylmethacrylate denture base material: an in-vitro study	Dr Hridya Balachandran	Dr. Byju Paul

ANNOOR DENTAL COLLEGE & HOSPITAL

27.		Evaluation of retention of single implant - retained mandibular over- denture in comparison with two implant-retained over- denture: an in-vitro study	Dr Prisly Thomas	Dr Thomas Paul
28.		Effect of varying veneer thickness on stress distribution at the core-veneer interface of posterior fixed partial denture made with different core materials- a three-dimensional finite element analysis	Dr. Parvathy Raj	Dr Byju Paul
29.	2013-16	Comparison of metal laser sintering and conventional induction casting technique on three specific mechanical properties and microstructure of commercially available cobalt -chromium dental alloy- an in vitro study	Dr. Ida Lizabeth	Dr George P John
30.		Effect on comparison and injection molded processing techniques on impact and flexural strengths in high impact denture base resins- an in vitro study	Dr. Fathima Seeti	Dr Thomas Paul
31.	2012-15	A comparative study of platform switching and platform matching in root-form implants using three different crown materials: a three-dimensional finite element analysis	Dr Seena Sam	Dr George P John
32.		A comparative study of stress distribution of four different post and core systems in an endodontically treated maxillary central incisor-a three-dimensional finite element analysis	Dr. Roshy George	Dr. Thomas Paul
33.		Comparison of retention of selective laser sintered and convectional cast full metal crown prepared with a constant taper- an in vitro study	Dr Hareesh M T	Dr Byju Paul
Department of Conservative Dentistry				
34.	2019-22	Comparative Evaluation of Effect of Different Access Cavity Designs Using Cone Beam Computed Tomography and Core Build-up Materials on Fracture Strength in Molars with Class II Caries - An In Vitro Study	Dr. Albert Baby	Dr. Josey Mathew
35.		Evaluation and Comparison of Genotoxicity and Cytotoxicity of Resin-Based with Non-Resin Based Restorative Materials in Human Gingival Cells-An In Vivo Study	Dr. Maria Thomas	Dr. Liza George
36.		Clinical and Microbiological Evaluation to Compare the Caries Removal Efficacy of Tungsten Carbide Bur with Minimally Invasive Methods-Polymer Bur and A Chemomechanical Agent (Brix 3000 Gel): An In Vivo Study	Dr. Swetha Riya Oommen	Dr. Liza George
37.	2018-21	Sealing Ability of Mineral Trioxide Aggregate, Biodentine and Endosequence Root Repair Material Used as Retrograde Restorative Material - An Invitro Bacterial Leakage Model Study	Dr Jesmy K Antony	Dr. Liza George

ANNOOR DENTAL COLLEGE & HOSPITAL

38.		Comparative Evaluation of Depth of Cure and Gap Formation of Two Bulkfill Composites with A Conventional Composite: An Invitro Study	Dr. Meera Bastian	Dr. Liza George
39.	2018-21	Canal Transportation and Centering Ability of Root Canals Prepared Using Rotary and Reciprocating Systems with And Without Pathfiles in CBCT Based 3-Dimensional Molar Prototypes	Dr. Sruthi M S	Dr. Josey Mathew
40.		Effect of layer thickness on the elution of monomers from two high viscosity Bulk – Fill composites- an HPLC analysis	Dr. Anciya Mohammed Nazar	Dr. Liza George
41.	2017-20	Evaluation and comparison of the apical seal obtained with biodentine after conditioning of root end with three different solutions using in visible spectrophotometer	Dr. Sethu Parvathi A	Dr. Liza George
42.		Evaluation and comparison on the wettability of three root canal sealer after three different irrigation activation technique – an invitro study	Dr. Beulah Mary Bejoy	Dr. Josey Mathew
43.		Evaluation and comparison of the degradation of restorative materials Cention-N, Equia, Tetric N cream in artificial saliva at different time intervals using FTIR (Fourier transformed infrared spectroscopy) – an invitro study	Dr. Afin Ummar	Dr. Josey Mathew
44.	2016-19	Comparative evaluation of enamel remineralization on the combined effect of diode laser with two different remineralizing agents using pH cycling model – a surface microhardness study	Dr. Sonu Baby	Dr. Liza George
45.		Comparative evaluation of dentinal crack formation in the root canals after instrumentation with hand, rotary and reciprocating file system	Dr. Tina Anto	Dr. Liza George
46.	2015-18	Evaluation and comparison of the effect of 10% sodium ascorbate and propolis solution on the microtensile bond strength and resin tag penetration depth of composite after using carbamide peroxide bleaching agent- An Invitro study	Dr. Archa Anil	Dr. Liza George
47.	2014-17	Assessment and comparison of enamel remineralization with three different remineralizing agents using pH cycling model- a SEM- EDAX study	Dr. Noble Joy	Dr. Liza George
48.	2014-18	Comparative evaluation of three different irrigation systems in the removal of calcium hydroxide from the root canal- a SEM invitro study	Dr. Melvin Thomas	Dr. Liza George
49.	2014-17	Evaluation and comparison of the shear bond strength of three different composites to biodentin at different time intervals - an in vitro study	Dr. Gilda Philip	Dr. Prashant Dhanapal

ANNOOR DENTAL COLLEGE & HOSPITAL

50.		Evaluation and comparison of the effect of propolis solution and 10% sodium ascorbate solution on the shear bond strength of composite resin bonded to 10% carbamide peroxide bleached enamel – An in vitro study	Dr. Allu Baby	Dr. Liza George
51.	2013-16	Evaluation of Antimicrobial Efficacy of Grape Seed Extract (Vitis Vinifera), White Pepper Extract (Piper Nigrum), 5% Sodium Hypochlorite And 2% Chlorhexidine Gluconate Against Enterococcus Faecalis Biofilm: An Invitro Study	Dr. Shabeer Ummar	Dr. Prashant Dhanapal
52.		An invitro evaluation and comparison of push out bond strength of fiber posts bonded with three different agents and resin cements	Dr. Helma George	Dr. Liza George
Department of Periodontics				
53.		Comparative Evaluation of The Clinical Effects on Systemic Versus Topical Use of Probiotics in The Management of Gingivitis: A Randomized Controlled Trial	Dr. Nazreen Ansari	Dr. Johnson Prakash
54.	2019-22	Comparative Evaluation of The Efficacy of Developed Herbal Topical Gels and Chlorhexidine as An Adjunct to Non-Surgical Periodontal Therapy in the Management of Chronic Periodontitis – A Double Blind Clinical Study	Dr. Krishnapriya S	Dr Jose Paul
55.		Determination of The Association Between the Levels of C Reactive Protein and Severity of Chronic Periodontitis	Dr. Hrishikesh K P	Dr. Johnson Prakash
56.	2018-22	Comparative Evaluation of Root Surface Characteristics Following Instrumentation with Hand Instrument, Ultrasonic Scaler and Rotary Carbide Bur: An In Vitro Scanning Electron Microscope Study	Dr. Veena Venugopal	Dr. Johnson D'Lima
57.	2018-21	Comparative Evaluation of Ionic Toothbrush with Non-Ionic Toothbrush in the Control of Plaque and Gingival Inflammation: A Clinical Study	Dr. Varsha Ushakar	Dr Jose Paul
58.		Association Between Salivary Calcium Level and Severity of Chronic Periodontitis: An In-Vivo Study	Dr. Vishnu Hari C	Dr Senny Thomas
59.		Determination of the association between serum albumin levels and severity of chronic periodontitis	Dr. Akhil S	Dr Jose Paul
60.	2017-20	Assessment of anemia in chronic periodontitis patients by estimation of red blood parameters	Dr. Archana N V	Dr Senny Thomas
61.		Estimation of endotoxemia associated with phase 1 periodontal therapy – a clinico-biochemical study	Dr. Achu Jerald	Dr Jose Paul
62.	2016-19	Determination of the association between psychological stress and periodontal diseases utilizing serum cortisol levels	Dr. Bini Varghese	Dr. Johnson D'Lima
63.		Estimation of oral neutrophil counts following periodontal therapy in patients with chronic	Dr. Rani Bhargavan	Dr Jose Paul

ANNOOR DENTAL COLLEGE & HOSPITAL

		periodontal disease utilizing a standardized oral rinse		
64.	2015-18	Comparative evaluation of the efficiency of a combination of 1.0% ornidazole and 0.25% chlorhexidine gluconate gel (clorni)with 1.0% chlohexidine gluconate gel (hexigel), as a topical agent in the management of chronic periodontitis	Dr. Paulson George	Dr Jose Paul
65.		Comparative evaluation of 0.05% sodium hypochlorite and 0.2%chlorhexidine gluconate as a mouthwash in the management of dental plaque induced gingivitis	Dr. Linta Thomas	Dr. Johnson D'Lima
66.	2014-17	Determination of the correlation between dermatoglyphics and periodontitis: a case control study	Dr Aswathy S Sudhakar	Dr Jose Paul
67.		Quantification of oral neutrophil counts in periodontal health and disease utilizing a standardized oral rinse	Dr Jiss Antony	Dr Jose Paul
68.		Histological evaluation of epithelial thickness, microvasculature and number of mast cell in the gingiva of smokers and non-smokers with chronic periodontitis	Dr Rifat Salma	Dr. Johnson D'Lima
Department of Orthodontics				
69.	2019-22	Comparative Assessment of Bracket Survival Rate Between Color Changing and Conventional Adhesive Resins: A In Vivo Study	Dr. Aswathy S	Dr Gopikrishnan
70.		Comparative Assessment of Three Different Orthodontic Brushes in Oral Hygiene Maintenance During Fixed Orthodontic Treatment: An In Vivo Study	Dr. Irin Sebastian	Dr Gopikrishnan
71.		Assessment of Gingival Architecture, Incisal Embrasures - Connectors and Height-Width Tooth Proportions in Perception of Smile Aesthetics	Dr. Vrinda M	Dr Pradeep Philip
72.	2018-21	Assessment of Incisor Root Resorption Associated with Impacted Maxillary Canine in Patients Reported to A Dental College in Kerala: A Retrospective CBCT Study	Dr. Ayisha Nizmiya. K	Dr Pradeep Philip
73.		Comparison of bond strength of stainless-steel brackets bonded to porcelain crown using various surface preparation techniques: an invitro study	Dr. Shikhil T Sathyan	Dr Gopikrishnan
74.		Comparison of Shear Bond Strength and Debonding Pattern of Orthodontic Brackets Bonded with Different Generation Adhesives - An In-Vitro Study	Dr. Athira Jithendranath	Dr Gopikrishnan
75.		2017-20	Comparison of Survival Rates and Bonding Time of Orthodontic Brackets Bonded with Newer Generation Adhesives and a Conventional Adhesive (Transbond XT) – An – In Vivo Study	Dr. Athira BR

ANNOOR DENTAL COLLEGE & HOSPITAL

76.	2017-20	Comparative Assessment of Upper Airway Dimension (Volume) in Class I and Class II Skeletal Patterns Using Cone Beam Computed Tomography (CBCT)	Dr. Shahana Shereef	Dr. George Jose
77.		Comparative Evaluation of dental-arch dimensions characteristics with palatal and buccally impacted canines - A CBCT study	Dr Haleema Hassan	Dr Denny Joseph
78.	2016-19	Evaluation and comparison of the stress distribution during anterior intrusion using implants at two different sites in class II division 2 malocclusion: a finite element study	Dr Anju Antony	Dr Denny Joseph
79.		Determination of the effect of “V” bend on a stiff rectangular stainless steel archwire of dimension 19x25 during fixed orthodontic treatment in relation to upper anterior teeth: a finite element analysis	Dr Lincy Stephen	Dr. Vinod Abraham
80.		Evaluation of the biochemical response of the root apex and periodontium when subjected to different types of orthodontic movements and its relation to root resorption: FEM study	Dr. Nitheesh Reghunathan	Dr Denny Joseph
81.		Evaluation of nasopharyngeal airway in patients with skeletal Class II malocclusion using lateral Cephalogram and nasoendoscopy	Dr. Ayshakunju A	Dr. Sunil Sunny
82.	2015-18	Comparison of Cephalometric and cone beam computed tomography-based measurements of anterior alveolar bone thickness in patients undergoing retraction procedure	Dr Eldo Kurian	Dr. Sunil Sunny
83.		To investigate the proximal wear of teeth positioned out of arch and its relation to Bolton’s tooth size discrepancy – An invitro study	Dr Roshini Sara Rajan	Dr. Binoy Mathai
84.	2014-17	Comparative evaluation of metal adhesive resin influence in bond strength of lingual brackets with different base patterns -an in vitro study	Dr. Amla MS	Dr. Sunil Sunny
85.		Methods of ensuring the accuracy in bonding and rebonding in fully customized lingual orthodontic bracket: an in- vitro study	Dr. Anvar KP	Dr. Sunil Sunny
86.		Dimensional accuracy and torque expressivity in insert sacrificed slot casting method, compared with other methods of bracket manufacturing in lingual orthodontics: an in-Vitro study	Dr. Neethu Mathew	Dr. Binoy Mathai
Department of Paediatric & Preventive Dentistry				
87.	2019-22	Comparative Evaluation of Sorption, Solubility and Compressive Strength of Three Restorative Materials – An In Vitro Study	Dr. Sreelakshmi V	Dr. Joby Peter
88.		Comparative Efficacy of Three Deproteinizing Agents on The Shear Bond Strength of Pit and Fissure Sealant– An In Vitro Study	Dr. Saranya P Thankachan	Dr. Bijimole Jose

ANNOOR DENTAL COLLEGE & HOSPITAL

89.		Comparative Evaluation of Fluoride Uptake in Primary Tooth Enamel Using MI Varnish and Silver Diamine Fluoride: An Invitro Study	Dr. Mubeena VV	
90.	2018-21	Comparative Evaluation of Colgate Strong Teeth, ELSENZ (Bioactive Glass) And Aclaim (Nanohydroxyapatite) on Remineralizing Potential of Early Enamel Lesions Using Sem-EDAX – An In Vitro Study	Dr. Riswana AM	Dr. Tharian B Emmatty
91.	2017-20	Evaluation of the effect of oil pulling on the colour stability of GIC and composite – An invitro study	Dr. Jincymol K.I	Dr. Tharian B Emmatty
92.		Comparative evaluation of shear bond strength of Cention N with Tetric N Ceram- An invitro study	Dr. Reeza Babu	

ANNOOR DENTAL COLLEGE & HOSPITAL