

DEPARTMENT OF CONSERVATIVE DENTISTRY AND ENDODONTICS

DISSERTATIONS

SN	TITLE	AUTHOR	YEAR
1.	Comparative evaluation of endodontic treatment alone and combined therapy in the management of primary endo /secondary periolesions.Aclinico radiological (CADIA) study.	Dr. Kanchan Mehta	2007
2.	In-vitro comparison of fracture resistance of various partial coronal coverage-restorative processes on endodontically treated maxillary pre-molars”.	Dr.Harikiran.P	2007
3.	Clinical efficacy of three desensitizing agents-ACPGC tooth mousse &Gluma desensitizer-An in vivo comparative study.	Dr. Aruna.K	2007
4.	Comparative evaluation of sealing ability of three newer root canal obturating materials Guttaflow, Resilonand Thermafil-An in vitro study.	Dr. Shilpa. H .Bhandi	2007
5.	Comparative analysis of three Non –invasive techniques for caries removal-In vitro study.	Dr. Smruti.Balkur	2007
6.	Influence of different thickness of mineral trioxide aggregate, RMGIC& IRM on sealing ability of root end fillings.	Dr. Yajuvendra. Singh Hada	2007
7.	Comparative in vitro evaluation of internal adaptation of flowable composite, Resin Modified Glass Ionomer and bonding agent applied as a liner under composite restoration – An SEM study.	Dr. Soubhagya M	2007
8.	Three dimensional finite element stress analysis of endodontically treated teeth restored with three different fibre reinforced composite post systems.	Dr.Nandini T.N	2007
9.	Comparative Evaluation of Micro Hardness of Coronal dentin with Resin Modified Glass Ionomer and Compomer in Class V restorations- An in vitro study.	Dr. Prakash L.	2008
10.	Evaluation of NiTi instrumentation using Computed Tomography and image analysis in mesial roots of mandibular molars.	Dr. Roopa M.	2008
11.	Evaluation of fracture resistance of root dentin when exposed to intra canal calcium hydroxide, MTA & calcium phosphate cements.	Dr. Arun A.	2008
12.	Adhesion of a surface conditioned prefabricated fiber post with three different composite resin cores-microtensile bond strength evaluation –An in vitro study.	Dr. Fayaz Ahmed	2008
13.	Comparison between class I and matsura root end preparation using composite and MTA and comparing it with dentin bonding agents-An in vitro study.	Dr Nikhil Sood	2008
14.	A comparative study to check the sealing ability of flowable composite, pink glass ionomer cement when used as orifice sealers, using a microbial marker- An in vitro study.	Dr. RiteshSood	2008

15.	Antibacterial efficacy of Metronidazole and Gluteraldehyde with hand and ultrasonic irrigation. – An in vivo study.	Dr. Shweta Jain	2009
16.	Evaluation of efficacy of thermosoftened obturation techniques using MCID and ADOBE photoshop- an in vivo study.	Dr. Saleem	2009
17.	Clinical evaluation of nano-ionomer cement and flowable composite as preventive resin restoration – invivo study.”	Dr. Deepak J. Parekh	2009
18.	Determination of working length using various generation apex locators amongst different age groups with stainless steel and Ni-Ti files – an in vivo study.	Dr. Md. Imran Khaiser	2010
19.	An in vitro study to evaluate the influence of instrument taper on resistance to fracture of endodontically treated roots and to determine the reinforcing capability of resin based sealer cement.	Dr. Mirikar Pragati Pramod	2009
20.	Evaluation and comparison of restoration- interface microleakage using two self-etch and one total-etch adhesives- an in vitro study.	Dr. Shikha Bansal	2009
21.	A comparative evaluation of pH levels and antimicrobial properties of sterile saline, glycerine, CMCP/glycerine and virgin coconut oil with calcium hydroxide as an intracanal medicament – An in vitro study.	Dr. Rajat Goel	2010
22.	A comparative evaluation of antimicrobial property of passion fruit juice with sodium hypochlorite as a root canal irrigant – An in vitro study.	Dr. Nidhin Kumar J.	2010
23.	Comparative evaluation of the shear bond strength of silorane resin with conventional and resin modified glass ionomer cements – An in vitro study.	Dr. Roopa Babannavar	2010
24.	Clinical comparison of three different inlay preparations – An in vivo study.	Dr. Kalpana M.S.	2010
25.	A quantitative assessment of apical debris extruded and debris in root canal after instrumentation using hand and three different types of rotary instruments- An in vivo study.	Dr. Sowmya H. K	2010
26.	An in vivo study to comparatively evaluate the efficacy of calcium hydroxide with chlorhexidine, Nisin and Endotine in reducing the microflora related to chronic periapical periodontitis.	Dr. Archana Gupta.	2010
27.	Remineralizing effect of tannins containing compounds on demineralized human enamel – An invitro study using polarized microscopy.	Dr. Barkha	2011
28.	In vivo evaluation of three root canal sealers.	Dr. Benin P.	2011
29.	Prevalence of second mesiobuccal canal in maxillary molars in indian sub population as determined by micro ultrasonics: An invivo study.	Dr. Swetha T. N.	2011
30.	An evaluation of the effectiveness of ultrasonics, F- file and Nair tip FX needle agitation techniques on removal of root canal debris and smear layer using two different irrigants- A Comparative SEM study.	Dr. Sushmita Debnath	2011

31.	Comparative evaluation of conventional and passive ultrasonic irrigation with sodium hypochlorite against 3 endodontic pathogens – An in vitro study.	Dr. Arun J.	2011
32.	Evaluation and comparison of the effect of various contaminants on the shear bond strength of a self etch two step adhesive, an all in one adhesive and a total etch adhesive systems to dentin- An in vitro study.	Dr. SubhraDey	2011
33.	An evaluation of long term water aging on microtensile bond strength of self etch and total adhesives to dentin in permanent teeth- An in vitro study.	Dr.TotalaSnehilkumarKiran	2012
34.	A comparative evaluation of fracture resistance of endodontically treated teeth restored with different prefabricated and custom made fiber reinforced post system with two different post lengths: An in vitro study.	Dr. Anamika Thakur	2012
35.	Evaluation of manual dynamic activation, passive ultrasonic irrigation and canal brush on smear layer removal- A SEM study.	Dr. Narmatha V. J.	2012
36.	Influence of calcium hydroxide intracanal medication on sealing ability of guttapercha – An in vitro study.	Dr. ManjunathMestha	2012
37.	Stereomicroscopic evaluation of dentinal defects caused by hand and rotary instruments in artificial saliva.	Dr. Tanu Gupta	2012
38.	Evaluation of microtensile bond strength of silorane composite with and without pre-treatment of dentin with different concentration of sodium hypochlorite- An in vitro study.	Dr. Manoj Kumar	2012
39.	“Evaluation of the clinical efficacy of Class-I resin composite restorations done with different bonding systems in patients with varying degrees of dental fluorosis”	Dr. Hridya E Prasy	2013
40.	“Comparative evaluation of premedication with ketorolac, prednisolone and tramadol on post-endodontic pain: A Double-Blind Randomized Trial”	Dr. Praveen Rajesh	2013
41.	“ A comparative evaluation of stress distribution in polyethylene fiber reinforced resin composite restorations of class I, II, MOD & cusp capping in mandibular molars: A Finite Element Analysis”	Dr. Ravi Kumar Shukla	2013
42.	“ Evaluation of application of different antioxidants on shear bond strength of etch and rinse adhesives to enamel immediately and 2 weeks after bleaching – An in vitro study”	Dr. PoonamLalwani	2013
43.	“ Volumetric analysis of the tooth structure lost following extra-coronal and intra-coronal tooth preparations in endodontic treatment using computed tomography”	Dr. Mohamed Shafi K.P.	2013
44.	“Comparison of canal transportation and centering ability of twisted file, Revo-S and Hyflex-CM Ni-Ti rotary systems by using cone beam computed tomography – An in vitro study”	Dr. PriyaMagadum	2013
45.	“Evaluation of the effect of Flowable composite, Vitremer and Biodentine as intra orifice barriers on the fracture resistance and coronal microleakage of roots obturated with guttapercha- an in vitro study ”	Dr. Mahalakshmi V.	2014
46.	“Comparative Evaluation Of Shear Bond Strength Of Three Dental Adhesives Under Dry And Wet Bonding Conditions-An In Vitro Study”	Dr. Nishanth P.	2014

47.	“Comparative Evaluation Of Antimicrobial Efficacy Of Propolis And Calcium Hydroxide With Omeprazole As Intracanal Medicaments-An In- Vivo Study”	Dr. Deepa Jinan	2014
48	“In- Vivo Comparison Of Healing Of Periapical Lesions Using EndosequenceBc, Ah Plus And Zinc Oxide Eugenol Sealers”	Dr. Sanchita Gulati	2014
49.	“Comparative Evaluation Of Compressive, Diametral Tensile And Flexural Strength Of Universal Flowable Composite With Traditional Non Flowable Composites-An In-Vitro Study”	Dr. AnubhavSood	2014
50.	Comparison of efficiency of EDTA, citric acid and etidronate in removal of calcium hydroxide intracanal medicament using scanning electron microscopic analysis – An in-vitro study”	Dr. Sherin Jose Chockattu	2015
51.	“Computed tomographic evaluation of canal transportation and volumetric changes of root canal dentin in curved canals using MTWO, protaper, and protaper next rotary system – An in vitro study”.	Dr. Mayuri B.S	2015
52.	“Comparative evaluation of calcium phosphate-based varnish, RM-GIC-based varnish, NaF varnish in reducing dentinal hypersensitivity – An in-vivo study”.	Dr. Harshul Sharma	2015
53.	“Mineral trioxide aggregate with anti-washout gel- A comparative evaluation of solubility in acidic environment”	Dr. MaulsreeGuleria	2015
54.	“Comparative evaluation of colour stability and surface hardness of different methacrylate-based composites – An in-vitro study”.	Dr. Saron Ramesh Nair	2015
55.	“Comparative analysis of antimicrobial effects of sodium hypochlorite,propolis, qmix, when used as root canal irrigants - invitro study”	Dr. SumanParmar	2015
56.	Comparative evaluation of shear bond strength of bulk fill, bulk fill flowable and conventional composite- An in vitro study	Dr.Mayank Sharma	2016
57.	Volumetric computed tomographic evaluation of calcium hydroxide removal using smear clear in combination with canal brushes passive ultrasonic irrigation and retreatment files	Dr. NehaSablok	2016
58.	A comparative evaluation of efficacy of bioactive glass, CPP-ACP and amide fluoride on re-mineralization using Vicker’s micro hardness test- an in vitro study	Dr. Hemanthkumar	2016
59.	Comparative evaluation of microleakage in class II composite restorations using three bulk fill composite resins with and without RMGIC liner- a stereomicroscopic study	Dr. Suvarna C C	2016
60.	Effect of final irrigation with EDTA, QMIX and PROPOLIS using passive ultrasonic irrigation system on shear bond strength of epoxy resin based sealer to root canal dentin –an in vitro comparative evaluation	Dr. JyotiwaraD	2016
61.	Comparative evaluation of conventional Glass ionomer Cement and a new Glass Ionomer based restorative system in restoration of non carious cervical lesions: An in-vivo study	Dr. PriyankaPerumalla	2016
62.	In vivo comparative evaluation of triple antibiotic paste, propolis with moxifloxacin and calcium hydroxide as intra-canal medicaments against streptococcus spp. and enterococcus feacalis in type 2 diabetes mellitus patient	Dr. Chandra Sekhar	2015-2018

63.	Comparative evaluation of push out bond strength of Dentin-shear interface treated with 1% phytic acid & 17% EDTA- An in-vitro study	Dr. Shanmukh Ram	2015-2018
64.	Comparative evaluation of the Anti-oxidant effect of Quercetin with different application times on shear bond strength of Resin composite to bleached enamel- An in vitro study	Dr. Rajeev Ranjan	2015-2018
65.	A comparative evaluative of fluoride release and recharge abilities of three-fluoride containing restorative materials- An in vitro study	Dr.MadhuraChitale	2015-2018
66.	Comparative Evaluation of cavosurface marginal integrity of conventional , bulk-fill flowable and bulk-fill composites using a universal adhesive in self etch and selective etch mode : A stereomicroscopic study	Dr. Archie Khera	2016-2019
67.	Comparative evaluation of adaptation of light cured and dual cured resin composite core build - up materials and light curing nano - ionomer to the pulpal chamber floor: a micro computed tomographic study	Dr. Mohammed Nins K.G	2016-2019
68.	Comparative evaluation of the shear bond strength of three self etch dentin bonding agents to dentin: An in-vitro study	Dr. Vidhi K Bhalla	2016-2019
69.	Effect of enamel and dentin surface roughness on shear bond strength of a universal adhesive used in self etch mode : An in-vitro study	Dr. Vishwakarma Sucharita Ashokbhai	2016-2019
70.	A comparative evaluation of push-out bond strength of three endodontic sealers to root canal dentin: an in vitro study.	Dr.M.Sathyaprasad	2016-2019
71.	Clinical performance of resin modified glass ionomer cement , equia and equia forte in restoration of non carious cervical lesions –a clinical study	Dr. Devaraja G.H.N	2016-2019

ON GOING DISSERTATIONS

SN	TITLE	AUTHOR	YEAR
1.	Clinical performance of an ormocer, alkasite, nanofilled composite resin in class i posterior restorations- a randomized clinical trial.	Dr. Gnanavi M Dr. Sophia Thakur	2017-2020
2.	Comparative evaluation of centering ability and canal transportation of two anatomic file systems with a conventional rotary file system by using cone beam computed tomography: an in vitro study.	Dr. AnchalBhat Dr. Nandini T.N.	2017-2020
3.	Comparative evaluation of flexural strength of three dual cure resin luting cement in self curing and dual curing modes: an in vitro study.	Dr. MahammadSaleemIlkal Dr. ArvindShenoy	2017-2020
4.	Comparative evaluation of compressive and flexural strength of two nanofilled composites: an in vitro study.	Dr. Nitish Kumar Pandey Dr. MallikarjunGoud K	2017-2020
5.	Impact of access cavity design and root canal taper on fracture resistance of mandibular first and second molars: an invitro study.	Dr. JwaalaaRajkumar Dr. Nandini T.N.	2018-2021

6.	Comparative evaluation of clinical performance of a self-adhesive flowable composite and a nanohybrid composite when used in selective etch mode for restoration of non-cariou cervical lesions: A Split mouth study	Dr. Shruthi S Murthy Dr. Arun J	2018-2021
7.	A Study on antimicrobial effectiveness of sodium hypochlorite and sodium hypochlorite with glycolic acid irrigating solution on E. faecalis and S. Mutans in the root canal: A randomized clinical trial	Dr. AshwiniN. Mastammanavar Dr. ArvindShenoy	2018-2021
8.	Comparative evaluation of removal of intra-canal medicament using three different endodontic agitation systems: An in vitro Study	Dr. A.B.V. Sudeep Dr. ArvindShenoy	2018-2021
9.	Comparative evaluation of smear layer removal after obturation with resin based and zinc-oxide eugenol based sealer using EDTA and Succimer after post-space preparation using Scanning Electron Microscopic Analysis: An in vitro study	Dr. Fares K.T. Dr. MallikarjunGoud K	2018-2021
10.	Comparative evaluation of post-operative pain in teeth with symptomatic apical periodontitis using intracanal saline cryotherapy and chlorhexidine with poloxamer gel: a randomized clinical trial	Dr. Rahul Gupta Dr. Sophia Thakur	2018-2021
11.	Comparative study on smear layer removal using edtaand succimer in root canals obturated with resin based and bioceramic sealer using sem analysis	Dr Gifty Jacob Dr. MallikarjunGoud K	2019-2022
12.	Comparative evaluation of shear bond strength of etch and rinse bonding system on bleached enamel treated with sodium ascorbate and theobromine. an in-vitro study.”	Dr Akshay S Dr Roopa	2019-2022
13.	An in-vitro comparative study on microhardness of root dentin between calcium hydroxide and 2 hydroxyisocaproic acid as intracanal medicament	Dr. Protim GD Dr. Nandini T.N.	2019-2022
14.	Comparative evaluation of antimicrobial efficacy of calcium hydroxide and metformin as an intracanal medicament against enterococcus faecalis and candida albicans : an in vitro study.	Dr. Divya S Dr. Arun J	2019-2022
15.	Effect on diametral tensile strength of two nanofilled composite resins cured at varying distances from the resin surface. an in-vitro study.”	Dr. Rakshitha N Dr. Arvind Shenoy	2019-2022
16.	Comparative evaluation of edta and etidronic acid as irrigants on postoperative pain : a randomized controlled clinical trial	Dr. Shubham Khajani Dr. Sophia Thakur	2019-2022

LIBRARY DISSERTATION

SN	TITLE	AUTHOR	YEAR
1.	“ Photo- activated disinfection- A novel method towards perfection in Endodontics”	Dr. Hridya E Prasy	2013
2.	“ Comparison of two rotary Ni-Ti instruments on maintenance of canal curvature: A clinical study”	Dr. PriyaMagadum	2013
3.	“Stem cells in Restorative and Endodontics ”	Dr. Ravi Kumar Shukla	2013
4.	“Newer materials for repair and regeneration in Conservative dentistry and Endodontics”	Dr. PoonamLalwani	2013

5.	"Factors affecting survival of endodontically treated teeth-A Literature review"	Dr. Mohamed Shafi K.P	2013
6.	"Dentin Hypersensitivity- Recent trends in management"	Dr. Praveen Rajesh	2013
7.	Occlusal Rehabilitation	Dr. Mahalakshmi V.	2014
8.	Re- Treatodontics	Dr. Nishanth P.	2014
9.	Tooth rotating	Dr. Deepa Jinan	2014
10.	Irrigation and newer irrigation techniques	Dr. Sanchita Gulati	2014
11.	Dental photography	Dr. AnubhavSood	2014
12.	Laser as a diagnostic tool in pulp vitality	Dr. PavanUdagani	2014
13.	Anti – Inflammatory Non – Antibiotic Agents (NSAIDs) as intracanal Medicaments	Dr. Sherin Jose Chockattu	2015
14.	Clinical Evaluation of two posterior bulkfil composites – An In viva Study	Dr. Mayuri B.S	2015
15.	Occlusion Singnificance in Restorative Dentistry"	Dr. SumanParmar	2015
16.	Teledentistry	Dr. Harshul Sharma	2015
17.	"Effect of Maintaining Apical Patency and two different Irrigation modalities on irrigant penetration into the apical two millimeters of large root canals: An In Vivo study".	Dr. MaulsreeGuleria	2015
18.	Smile Designing	Dr. Saron Ramesh Nair	2015
19.	Amelogenesis and ameloengineering	Dr. SuvarnaChandrakantChavan	2016
20.	Antibiotics and anti-inflammatory drugs in Endodontics	Dr. JyotiWarad	2016
21.	Effect of premedication and buccal infiltration on efficacy of IANB	Dr. Mayank Kumar Sharma	2016
22.	Comparative evaluation of antibacterial effect of chloroform, endosolv R and RC solution on E. fecalis- in vitro study	Dr. NehaSablok	2016
23.	3D Imaging in Endodontics	Dr. Hemanth Kumar	2016
24.	Endodontic Microbiology	Dr. PriyankaPerumalla	2016
25.	Single Visit Endodontics	Dr. T. Chandrashekhar	2017
26.	"Comparative evaluation of resin modified glass-ionomer and universal glass ionomer restorative cement in restoration of non carious cervical lesions: An In vivo Study"	Dr. Shanmukh Ram	2017
27.	"Comprarative evaluation of shear bond strength of resin composite to dentin after treatment with NaOCl and NaOCl followed by Quercetin antioxidant: an In vitro Study"	Dr. Rajeev Ranjan	2017
28.	"To evaluate the effect of ropivacaine infiltration on the effectiveness of IANB in mandibular first molar with symptomatic irreversible pulpitis: A prospective randomized double blind study"	Dr. MadhuraChitale	2017

29.	Awareness regarding the indication for antibiotics in management of pulpal pathosis: A survey of dental students and interns	Dr. Archie Khera	2018
30.	Comparative evaluation of three different gingival retraction techniques using a stereomicroscope: A randomized controlled trial	Dr. Mohammed Nins K.G	2018
31.	Gingival Esthetics	Dr. Vidhi K Bhalla	2018
32.	Comparative Evaluation of post-operative pain after using two different types of endodontic needles and endoactivator during root canal irrigation: A randomized controlled trial	Dr. Vishwakarma Sucharita Ashokbhai	2018
33.	Comparative evaluation of a fluoride bioactive glass containing dentifrice and conventional bioactive glass containing dentifrice in reducing dentinal hypersensitivity: A randomized controlled clinical trial	Dr.M.Sathyaprasad	2018
34.	Comparative evaluation of post endodontic pain between ibuprofen sodium dehydrate and ketorolac on premedication's: A double blind randomized controlled trial	Dr. Devaraja G.H.N	2018