

DEPARTMENT OF PERIODONTOLOGY
RESEARCH PROJECT

2016

Dr. Navjot - Combined effectiveness of PRF & bone graft in the management of endodontically treated mandibular grade II furcation defects when used with or without diode laser: A Randomized Controlled Clinical trial.

Dr. Satwant kaur - To comparatively evaluate different blood glucose levels & clinical parameters in subjects suffering from chronic periodontitis with or without type II diabetes mellitus before & after the non-surgical periodontal therapy: A Randomized Controlled trial.

Dr. Isha Sharma - An invitro comparative evaluation of the effect of dietary acid on dentinal tubular occlusion achieved by diode laser application when used alone or in combination with fluorocalcium phosphosilicate containing dentrifices.

2017

Dr. Samyak Belkhede – Comparative evaluation of C reactive protein in pregnant women with or without periodontitis: A Randomized Controlled trial.

Dr. Samyak Belkhede - Library dissertation: Comparative evaluation of the PRF Bandage versus Hemostatic material (Gelatin Sponge) assisted palatal wound healing of donor site after Free Gingival Graft – A Case Series.

Dr. Shashank arora – Awareness of periodontal disease & systemic health intrarelation: A survey among medical professionals.

2018

Dr. Puneet Kalra – Comparative evaluation of concentration of Visfatin in GCF & serum in women suffering from periodontitis with or without PCOS before & after non-surgical periodontal therapy: A Randomized Controlled Clinical trial.

Dr. Piyush Pareek – Evaluation of the clinical efficacy of Diode laser (940nm), Propolis extract when used alone or in combination in treating Dentinal hypersensitivity – A Randomized Controlled Clinical trial.

Dr. Geyasri Vinnakota – Comparative evaluation of immediate implant loading with & without Concentrated Growth Factors (CGFs) at healed edentulous site: A Randomized-Controlled Clinical trial.

Dr. Geyasri Vinnakota - Library dissertation: To evaluate the efficacy of parallel incision frenectomy performed under magnification in terms of Oral hygiene maintenance & patient perspectives: Pilot study of two cases.

2019

Dr. Abdul Mannan – Comparative evaluation of the effect of parallel incision & Diode laser assisted frenectomy on oral hygiene & patients' prospective: A Randomized Clinical trial.

Dr. Pankaj M. Surana – Assessing Oral health related knowledge, attitude & practices among nursing students in Bikaner subdivision: A Questionnaire study.

Dr. Hidesh Thokchom – Comparison of plaque removal efficacy of Oral B Charcoal sensitive extra smooth bristle versus Oral B Pro health cross action bristles manual tooth brushes using a common dentrifice: A Randomized Controlled Clinical trial.



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2020

Dr. Deepika Choudhary – To evaluate the effect of Advanced Platelet Rich Fibrin (A-PRF) on Peri-Implant soft tissue & Crestal bone in immediately loaded dental implants: A Randomized Controlled Clinical trial.

Dr. Sandeep Kumar – Evaluation of effect of ABO blood types on periodontal status in Sriganganagar District, Rajasthan, India.

Dr. Mayank Dave – Efficacy of commercially available Herbal & Non-herbal Toothpastes in controlling of Plaque & Gingivitis among school children aged 15 to 17 years in Hanumangarh district.

2021

1. **Dr. Abdul Mannan** – Comparative evaluation of the effect of parallel incision & Diode laser assisted frenectomy on oral hygiene & patients' prospective: A Randomized Clinical trial.

2. **Dr. Pankaj M. Surana** – Assessing Oral health related knowledge, attitude & practices among nursing students in Bikaner subdivision: A Questionnaire study.


3. **Dr. Hidesh Thokchom** – Comparison of plaque removal efficacy of Oral B Charcoal sensitive extra smooth bristle versus Oral B Pro health cross action bristles manual tooth brushes using a common dentrifice: A Randomized Controlled Clinical trial.


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DEPARTMENT OF PUBLIC HEALTH DENTISTRY

RESEARCH PROJECTS

YEAR	MAIN DISSERTATION	SHORT TERM DISSERTATION
2016	<p>Dr. Nikita Goyal- Nutritional Status And Dental Caries Prevalence Among School Children Aged 12 And 15 Years in Sri Ganganagar City: A Cross Sectional Study</p> <p>Dr. Puneet Kaur- Prevalence Of Early Childhood Caries And Its Relationship With Feeding Habits Among Pre-School Children of Sri Ganganagar City (Rajasthan):A Cross-Sectional Study</p> <p>Dr. Anshika Sharma- Knowledge, Attitude, Practices Regarding Oral Health And Its Association With Oral Hygiene And Caries Experience Among School Teachers Of Sri Ganganagar City, Rajasthan: A Cross Sectional Study</p>	<p>Dr Aditi Sharma- Personality Traits And Its Effect On Anxiety, Depression And Various Coping Strategies Among Clinical And Non- Clinical Dental Students.</p> <p>Dr. Deeksha Gijwani- Difference In The Level Of Knowledge Regarding Consumer Protection Act Among Dentist Before And After Interventional Program.</p> <p>Dr. Niketa Bansal- Prevalence Of ECC Among Pre School Children Of Low Socioeconomic Status In Bikaner City</p>
2017	<p>Dr. Aditi Sharma- Oral Health Status and treatment needs Among Industrial Workers Of Kathua Industrial Estate, Jammu & Kashmir.</p> <p>Dr. Niketa Bansal- Periodontal Health Status and HBA1C Levels among Diabetics Residing In Bikaner City</p> <p>Dr. Deeksha Gijwani- Role of Sociodemographic Factor on Oral Health Status Among 35-44 Year Residents of Sri Ganganagar City, Rajasthan</p>	<p>Dr. Parul Sharma- Assessment Of Change In Level Of Oral Health Knowledge Among Ayush Health Workers After Educational Intervention</p> <p>Dr Salvi Setia- Evaluation of The Impact Of Sleep Quality On The Oral Health Status Of Sugar Mill Workers Of Fazilka, Punjab-A Cross- Sectional Study</p> <p>Dr Mankirat Kaur Gill- Impact Of Prosthetic and on Lived Experience Among Trans-Radial Amputees: A Trend Study</p>
2018	<p>Dr. Parul Sharma- Assessment Of Oral Health Status Among Battery Workers In Himachal Pradesh-A Comparative Study</p> <p>Dr Salvi Setia- Oral Health Status and treatment needs Of Institutionalized Elderly Population Of Punjab, India: A Cross Sectional Study</p> <p>Dr Mankirat Kaur Gill- Oral Health Status and treatment needs of Institutionalized Intellectually Disabled Adult Patients In Sri Ganganagar District, India :A Cross-Sectional Study</p>	NONE
2019	NONE	<p>Dr. Th. Leimaton Chanu- Impact of contextual school and home environmental characteristics on OHRQoL among 11-14 years old children residing in Sri Ganganagar City.</p> <p>Dr Sakshi Shukla- Bacterial contamination of dental unit waterlines: Knowledge and Attitude among dental practitioners</p>


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		Dr Parul Mangal- The Relationship between Dental Fluorosis and Dental Caries among Dental Students of Sri Ganganagar, Rajasthan
2020	<p>Dr. Th Leimaton Chanu- Comparison of oral health status and oral health related quality of life among 12 year old government and private school children in Jiribam town, Manipur</p> <p>Dr Sakshi Shukla- Comparison of oral health status among kinnow and cereal farm workers Sri Ganganagar, Rajasthan.</p> <p>Dr Parul Mangal- Prevalence of malocclusion and its impact on oral health related quality of life among 15 years old in Sri Ganganagar: A cross sectional study.</p>	<p>Dr. Hansika Popli- Evaluation of discernment and acquaintance concerning online Pharmacy services among dentists and patients.</p> <p>Dr Anjali Ahuja- Assessment of knowledge and attitude regarding plagiarism among faculty members and dental post graduate students in Sri Ganganagar city.</p> <p>Dr Hansika Popli- Video Messaging- An Efficient tool in enhancing cognizance regarding oral health: A double blind Randomized control trail.</p>
2021	<p>Dr Hansika Popli- Assessment of oral health status, oral health related quality of life and distress screening among head and neck cancer patients at acharya tulsi regional cancer treatment and research institute, Bikaner, Rajasthan.</p> <p>Dr Anjali Ahuja – Assessment of oral health status, oral health related quality of life and subjective happiness scale among 12 year school children in Sri Ganganagar, Rajasthan</p> <p>Dr Mir Shayan Shakeel- Assessment of oral health status among 12 year old children residing in madrasas in Kashmir region, Jammu and Kashmir</p>	<p>Dr Manjot Kaur- Occupational Stress and self perceived oral health among bankers in Patiala city.</p> <p>Dr Seram Tampha- Attitude towards pain and sensitive stimuli among students of Manipur University, Imphal</p> <p>Dr Ankita Ponghal- Knowledge and attitude of tobacco use among workers in SMS medical college, Jaipur</p>


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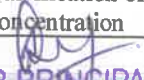
DEPARTMENT OF ORAL PATHOLOGY

Year	PG Student Name	Dissertation
2016	Dr. Nitish Sharma	Determination Of ABO Blood Group And Rhesus Factor From Dental Pulp And Dentine By Absorption- Elusion Method - A Study On 60 Subjects.
	Dr. Pallu Chopra	Carriage Of Oral Enterobacteriaceae Among Subjects With Chronic Nail Biting, Fixed Orthodontic Appliances And Controls- A Study On 150 Subjects.
	Dr. Rachna Khurana	Histopathological Grading Of Squamous Cell Carcinoma And Its Correlation With Immunohistochemical Expression Of E-Cadherin – A Comparative Study On 50 Subjects.
2017	Dr. Vikrant Rai	Detection Of Oral Yeast Microflora In Oral Squamous Cell Carcinoma With Calcofluorwhite And PAS Stains- A Comparative Study.
2018	Dr. Amisha Kakkar	Comparative Histopathological Study On Thirty Oral Biopsies Using H And E, PAP, AB-PAS, Gram, D-H And A-S Stains For Keratin.
	Dr. Uma Dabla	Clinico-Pathological Evaluation Of Gingival Lesions – A Retrospective Study.
	Dr. Vineet Tyagi	Caries Risk Assessment And Detection Of Streptococcus Mutans Count In Plaque And Saliva Using Mutans- Sanguis Agar.
2019	Dr. Manish Aggarwal	A comparative study on the efficacy of honey, jaggery and ethanol as cytological fixatives.
	Dr. Mamta Tanwar	Usage of coconut oil as biofriendly xylene substitute in tissue processing and staining – a comparative study on 70 samples.


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2020	Dr.Suddhasattva Bose	A histopathological correlative assessment of cytoplasmic staining by aqueous extracts of hisbicus and turmeric with eosin on 70 tissue samples.
	Dr. Sweta Gupta	Histopathological Assessment of Invasive Tumour Front in Oral Squamous cell carcinoma – A Comparative study on 70 samples.
	Dr.Shakeel Chaudhary	Clinical, Epidemiological, and Cytopathological Findings in Oral Potentially malignant disorders.
	Dr. Hitesh Vasra	Assessment of salivary flow rate and Ph among areca nut chewers and oral submucous fibrosis –A comperative study on 85 samples.

2021	Dr Jatin Singla	A Comparative study of microwave assisted and conventional tissue processing for preparing human oral tissues for routine microscopy
	Dr Jugnu Prakash	Reliability of Amelogyphic print in person identification of Sri Ganganagar, Rajasthan
	Dr Bhavna Soni	Comparative study on the role of admixture of nitric acid, hydrochloric acid & formic acid with EDTA on decalcification of teeth in different concentration



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**DEPARTMENT OF PEDIATRIC & PREVENTIVE DENTISTRY
RESEARCH PROJECTS**

SR NO	NAME OF STUDENT	YEAR	RESEARCH PROJECTS
1	DR METASHI SINGLA	2016	COMPARISON OF PUSH OUT BOND STRENGTH OF FURCATION PERFORATION REPAIR MATERIALS – GIC TYPE II, HYDROXYAPATITE, MTA AND BIODENTINE: AN IN VITRO STUDY
2	DR RUPALI SACHDEVA	2016	A COMPARATIVE EVALUATION OF EFFICACY OF THREE SOLVANTS (XYLENE, EUCALYPTOL AND ENDOSOLVE R) USED IN ENDODONTIC RETREATMENT BY WEIGHT MEASUREMENT AND RADIOGRAPHY: AN IN VITRO STUDY
3	DR APARNA SINGH SHAKTAWAT	2016	ANTIMICROBIAL EFFICACY OF 980 NM DIODE LASER ON ELECTROCOCCUSFEACALIS IN CONJUNCTION WITH VARIOUS IRRIGATION REGIMES IN INFECTED ROOT CANALS: AN IN VITRO STUDY
4	DR HARLEEN NARULA	2017	A COMPARATIVE EVALUATION OF FRACTURAL STRENGTH AND MARGINAL DISCREPANCY OF DIRECT COMPOSITE VENEERS USING FOUR DIFFERENT TOOTH PREPARATION TECHNIQUES: AN IN VITRO STUDY
5	DR SUNITA CHOUDHARY	2017	A COMPARATIVE EVALUATION OF FRACTURE RESISTANCE AND MODE OF FRACTURE OF DIFFERENT POST SYSTEMS IN ENDODONTICALLY TREATED HUMAN ANTERIOR TEETH: AN IN VITRO STUDY
6	DR PUNEET KUMAR	2017	COMPARATIVE EVALUATION OF EFFECT OF ENAMEL PREPARATION DESIGNS ON FRACTURE RESISTANCE AND MODE OF FRACTURE OF NANOFILLED COMPOSITE RESIN, COMPOMER AND ORMOCER: AN IN VITRO STUDY
7	DR. JASMINE KAUR	2018	AN EVALUATION OF BIOMECHANICAL PREPARATION OF ROOT CANALS USING PROTAPER HAND FILE, MTWONITI ROTARY FILE AND NEONITI SINGLE FILE SYSTEMS WITH CONE BEAM COMPUTED TOMOGRAPHY – AN IN VITRO STUDY
8	DR. PUNEET SIDHU	2018	A COMPARATIVE EVALUATION OF APICAL; MICROLEAKAGE USING THREE DIFFERENT SPACE PREPARATION TECHNIQUES AT TWO


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			DIFFERENT TIME INTERVALS : AN IN VITRO STUDY
9	DR. RACHNA SHISODIA	2018	A COMPARATIVE EVALUATION OF GINGIVAL MICROLEAKAGE AND INTERNAL VOIDS IN CLASS II COMPOSITE RESTORATION WITH TWO DIFFERENT LINING TECHNIQUES : AN IN VITRO STUDY
10	DR. MAHIMA SAINI	2019	COMPARISON OF RADIODENSITIES OF VARIOUS ROOT CANAL SEALERS WITH DIFFERENT BASES UNDER THREE DIFFERENT RADIOGRAPHIC TECHNIQUES –AN IN VITRO STUDY
11	DR. LALITA SINGLA	2019	A COMPARATIVE EVALUATION OF BONDING EFFICACY OF 8TH GENERATION AND UNIVERSAL ADHESIVE SYSTEMS AFTER ADDITIONAL APPLICATION OF ENAMEL ETCHING AND HYDROPHOBIC LAYER – AN IN VITRO STUDY
12	DR. SHUBHDA KASAT	2019	A COMPARATIVE EVALUATION OF EFFECT OF INTRACANAL MEDICAMENTS OF THE SEALING ABILITY OF MTA AND HYDROXYAPATITE APICAL PLUG IN SIMULATED IMMATURE TEETH – AN IN VITRO STUDY
13	DR. PRIYANKA KUMARI	2020	COMPARATIVE EVALUATION OF EFFICACY OF DIFFERENT FILE SYSTEM (H FILE, NEONITI FILE, ULTRASONIC FILES) FOR THE REMOVAL OF THREE DIFFERENT CALCIUM HYDROXIDE FORMULATIONS – AN IN VITRO STUDY
14	DR. OCHIN TATAK	2020	A COMPARATIVE CLINICAL EVALUATION OF STAINLESS STEEL AND LUXA CROWNS IN PRIMARY MOLAR TEETH – AN IN VITRO STUDY
15	DR. HEEMA SAMBYAL	2020	THE COMPARATIVE EVALUATION OF EFFICACY OF PROTAPER AND NEONITI ROTARY SYSTEM WITH OR WITHOUT GUTTA- PERCHA SOLVENT AS RETREATMENT METHOD IN THE CANALS OBTURATED WITH LATERAL CONDENSATION AND BEEFILL TECHNIQUE USING THE CLEARING TECHNIQUE – AN IN VITRO STUDY
16	DR. KUMARI JYOTSANA	2021	A COMPARATIVE CLINICAL AND RADIOGRAPHIC EVALUATION OF HALL TECHNIQUE CONVENTIONAL STAINLESS STEEL CROWN AND COMPOMER IN CARIOUS PRIMARY MOLAR TEETH IN 5-8 YEARS OLD CHILDREN – AN IN VIVO STUDY


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17	DR. SILVIE VERMA	2021	A COMPARISON OF DIRECT COMPOSITE VENEERING ON PERFORMED STAINLESS STEEL CROWN BY OPEN FACE TECHNIQUE AND SANDBLASTING TECHNIQUE : AN IN VIVO STUDY
18	DR. ARPAN BHATTACHARYA	2021	A COMPARATIVE EVALUATION OF 30% SILVER DIAMINE FLUORIDE (SDF) WITH TYPE IX GIC FOR MANAGEMENT OF DENTAL CARIES IN 2-5 YEARS OLD CHILDREN – AN IN VIVO STUDY


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DEPARTMENT OF PROSTHODONTIS

Year of Submission	Name of PG	Thesis/ LD	Topic
2016	Dr. Manveen Kaur	Thesis	Comparison of depth produced using three different tooth preparation techniques for All ceramic crowns: An In-vitro Study
2016	Dr. Navreet Bhasin	Thesis	Incidence of partial edentulousness based on Kennedy's classification in Sri Ganganagar population.
2016	Dr. Supreet Kaur	Thesis	Evaluation of the efficacy of different denture cleaning methods on biofilms formed on acrylic resin: An in-vitro study.
2016	Dr. Harpreet Singh	LD	Failures in Dental Implants
2016	Dr. Nancy Singla	LD	Dental Casting alloys
2016	Dr. Navleen Dandiwal	LD	Dental Ceramics
2017	Dr. Harpreet Singh	Thesis	Evaluation of the effect of different implant impression techniques and splinting methods on the dimensional accuracy of multiple implant impressions: An in-vitro study.
2017	Dr. Nancy Singla	Thesis	Crestal bone changes around immediately loaded single piece implants using flap and flapless technique: A radiographic study.
2017	Dr. Navleen Dandiwal	Thesis	A comparative evaluation of shear bond strength of denture base acrylic resins with and without monomer application at the ridge lap area: An in-vitro study.
2017	Dr. Sakshi Garg	LD	Sterilization & disinfection in dentistry
2017	Dr. Shikha Joshi	LD	Ergonomics In dentistry
2017	Taranpreet Kaur	LD	Prostho-perio Inter-relationship
2018	Dr. Sakshi Garg	Thesis	Comparison of dimensional accuracy of casts made by monophasic, one step, two step putty-light body impression technique using two different addition silicone impression materials: An in-vitro study.

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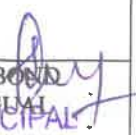
2018	Dr. Shikha Joshi	Thesis	Three dimensional finite element analysis: to assess the stress distribution pattern in mandibular implant retained bar supported overdenture with different bar heights.
2018	Dr. Taranpreet Kaur	Thesis	A radiographic evaluation of peri-implant bone level in immediate and conventionally loaded implants using flap and flapless technique.
2018	Dr. Akhilesh Malethia	LD	Pontics
2018	Dr. Nikki Saini	LD	Overdentures
2018	Dr. Ritwik Tyagi	LD	Diagnosis & treatment planning in implants
2019	Dr. Akhilesh Malethia	Thesis	Evaluating the influence of various staining agents on the colour stability of different denture base acrylic resin: An in-vitro study.
2019	Dr. Nikki Saini	Thesis	Comparative analysis of marginal accuracy of complete crowns fabricated by using ringless and metal ring investment systems: An in-vitro study.
2019	Dr. Ritwik Tyagi	Thesis	Comparative analysis of stress distribution on a three unit implant supported fixed prosthesis with four different commercially available implant systems: Three dimensional finite element analysis.
2019	Dr. Avei Puro	LD	A survey of frequent techniques & methods used by dentist for treatment of patients in clinics of Sri Ganganagar city.
2019	Dr. Japjee Uppal	LD	A survey to assess the level of post treatment satisfaction in patients among Sri Ganganagar (Raj) population: A prospective study.
2019	Dr. Kajal Balana	LD	Comparative evaluation of maximum bite force in patients with natural dentition and conventional complete dentures.
2020	Dr. Avei Puro	Thesis	Determination of dimensional stability of acrylic resin after repeated microwave disinfection: An in-vitro study.
2020	Dr. Japjee Uppal	Thesis	A comparative evaluation of crestal bone loss using two implant designs: A radiographic in-vitro study.
2020	Dr. Kajal Balana	Thesis	Effect of motor speed during osteotomy preparation on peri-implant bone: An in-vivo radiographic assessment.
2020	Dr. Ibadat k Sra	LD	Balanced occlusion
2020	Dr. Parsanjit Singh Gill	LD	Phonetics
2020	Dr. Ritika Godara	LD	Biomedical waste management

2021	Dr Ibadat K Sra	Thesis	A clinical and radiographic analysis of horizontal condylar guidance determined by protrusive inter occlusal records and lateral cephalogram in dentate patients
2021	Dr Parsanjit Singh Gill	Thesis	A radiographic evaluation of crestal bone loss in one piece and two piece implants with early non functional loading : a radiographic study
2021	Dr Ritika Godara	Thesis	Comparative evaluation of marginal discrepancy of castings made by using two different pattern materials: An in-vitro study

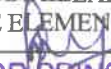

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DEPARTMENT OF ORTHODONTIS

S NO.	YEAR	PG's NAME	TOPIC
1.	2016	DR. ANKIT GOYAL (DISSERTATION)	TO ASSESS THE RELIABILITY OF LATERAL CEPHALOGRAM IN ANALYSING MAXILLARY ANTERIOR ALVEOLAR TROUGH WIDTH USING CBCT.
		DR. ANKIT GOYAL (LIBRARY DISSERTATION)	A STEP AHEAD IN ASSESSING SKELETAL MALOCCLUSIONS.
2.		DR. HIMANSHU KALIA (DISSERTATION)	TORQUE LOSS IN ENMASSE RETRACTION OF MAXILLARY ANTERIOR TEETH USING MINIIMPLANTS AND ANTERIOR RETRACTIONHOOKS AT DIFFERENT LEVELS: A 3D FEM ANALYSIS.
		DR. HIMANSHU KALIA (LIBRARY DISSERTATION)	NEW METHOD FOR 3 RD ORDER ASSESSMENT: AID IN FINISHING AND DETAILING.
3.		DR. SURBHI SHARMA (DISSERTATION)	THE EFFECT OF CORTICOTOMY ON CANINE RETRACTION: A SPLIT MOUTH DESIGN.
		DR. SURBHI SHARMA (LIBRARY DISSERTATION)	RECENT UNCONVENTIONAL TRENDS IN ORTHODONTICS.
4.	2017	DR. ANKIT BHARADWAJ (DISSERTATION)	A FINITE ELEMENT ANALYSIS OF BIOMECHANICAL EFFECTS ON TOOTH AND BONE DURING TRUE INTRUSION OF INCISORS AND MOLARS USING MINISCREWS.
		DR. ANKIT BHARADWAJ (LIBRARY DISSERTATION)	FIXED FUNCTIONAL APPLIANCES
5.		DR. RENU (DISSERTATION)	COMPARATIVE EVALUATION OF NEWER REMINERALIZING AGENTS ON SURFACE ROUGHNESS & MICROHARDNESS OF TOOTH SURFACE AFTER INTERPROXIMAL STRIPPING: AN IN VITRO STUDY
		DR. RENU (LIBRARY DISSERTATION)	MANAGEMENT OF SAGGITAL SKELETALMALOCCLUSIONS IN ADULTS
6.		DR. RIDDHI KOTHARI (DISSERTATION)	EXPRESSION OF TORQUE AND ITS EFFECT ON VARIOUS BIOLOGICAL STRUCTURES CAUSED BY VARYING ARCHWIRE MATERIAL: A 3D FEMSTUDY
		DR. RIDDHI KOTHARI (LIBRARY DISSERTATION)	LASERS IN ORTHODONTICS
7.	2018	DR. ABHISHEK MUTNEJA (DISSERTATION)	A FINITE ELEMENT ANALYSIS OF BIOMECHANICAL EFFECTS ON TEETH AND BONE DURING TRUE INTRUSION OF POSTERIOR TEETH USING DIFFERENT MODALITIES.
		DR. ABHISHEK MUTNEJA (LIBRARY DISSERTATION)	FRICTION AND FRICTIONLESS MECHANICS IN ORTHODONTICS.
8.		DR. AKANKSHA KATARIA (DISSERTATION)	COMPARISON OF EFFECTIVENESS OF CORTICOTOMY, LOW LEVEL LASER AND PIEZOCISION IN RAPID CANINE RETRACTION.
		DR. AKANKSHA KATARIA (LIBRARY DISSERTATION)	ACCELERATED ORTHODONTICS
9.		DR. HIBU DORA (DISSERTATION)	EVALUATION OF RATE OF ENMASSE RETRACTION OF MAXILLARY ANTERIOR TEETH USING HYCON DEVICE AND ITS EFFECTS ON SURROUNDING TISSUES: AN IN VIVO STUDY.
		DR. HIBU DORA (LIBRARY DISSERTATION)	EXTRACTIONS IN ORTHODONTICS
10.	2019	DR. KAILASH (DISSERTATION)	COMPARATIVE EVALUATION OF SHEAR BOND STRENGTH OF DIFFERENT BONDED LINGUAL RETAINERS



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		DR. KAILASH (LIBRARY DISSERTATION)	RETENTION AND RELAPSE
11.		DR. RACHAKONDACHARAN (DISSERTATION)	COMPARISON OF CONVENTIONAL FACE MASKS VS MODIFIED PALATAL C PLATE: A 3D FEM STUDY
		DR. RACHAKONDACHARAN (LIBRARY DISSERTATION)	CLASS III MALOCCLUSIONS WHERE ARE WE?
12.		DR. RACHNA JANGU (DISSERTATION)	COMPARISON AND EVALUATION OF STRESSES GENERATED BY DIFFERENT MAXILLARY PALATAL EXPANDERS USING THREE-DIMENSIONAL FINITE ELEMENT ANALYSIS.
		DR. RACHNA JANGU (LIBRARY DISSERTATION)	RAPID MAXILLARY EXPANSION.
13.	2020	DR. AVISHA MIDDHA (DISSERTATION)	EVALUATION AND COMPARISON OF SKELETAL AND DENTAL EFFECTS BY DIFFERENT FIXED FUNCTIONAL APPLIANCES: A CEPHALOMETRIC STUDY
		DR. AVISHA MIDDHA (LIBRARY DISSERTATION)	PHILOSOPHY OF FUNCTIONAL APPLIANCES
14.		DR. HEMANTH (DISSERTATION)	EFFECTS ON PHYSICAL AND MECHANICAL PROPERTIES OF SELECTED ORTHODONTIC ARCH WIRES AFTER CLINICAL USE
		DR. HEMANTH (LIBRARY DISSERTATION)	ORTHODONTIC WIRES
15.		DR. SOROKHAIBAMMONIKA (DISSERTATION)	A PROSPECTIVE CLINICAL TRIAL ON THE RATE OF ORTHODONTIC TOOTH MOVEMENT BY THE EFFECT OF LEUKOCYTE AND PLASMA RICH FIBRIN (L-PRF)
		DR. SOROKHAIBAMMONIKA (LIBRARY DISSERTATION)	CHEMICAL AND BIOLOGICAL METHODS OF ACCELERATING TOOTH MOVEMENT.
16.	2021	DR. KAILASH (DISSERTATION)	COMPARATIVE EVALUATION OF SHEAR BOND STRENGTH OF DIFFERENT LINGUAL RETAINER WIRES- AN INVITRO STUDY.
		DR. CHARAN (DISSERTATION)	COMPARISON OF DISPLACEMENT AND STRESS DISTRIBUTION IN MAXILLOFACIAL COMPLEX DURING MAXILLARY PROTRACTION USING CONVENTIONAL FACE MASK VS BONE BORNE FACE MASK- A 3D FEM STUDY.
		DR. RACHNA (DISSERTATION)	COMPARISON AND EVALUATION OF STRESSES GENERATED BY DIFFERENT MAXILLARY PALATAL EXPANDERS USING 3D FINITE ELEMENT ANALYSIS.


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DEPARTMENT OF ORAL SURGERY

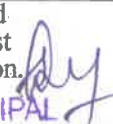
Year	Name	Topics
2013-16	Dr. Niharika Bishnoi	Bone Healing After Immediate Implant Placement With Or Without Bone Graft: A Prospective Randomized Clinical Trial
	Dr. Deepika Gupta	A Prospective Randomized Single Blind Clinical Trial Comparing 2mm Titanium Locking Plates to 2mm Titanium Mini Plates for the Treatment of Mandibular Fractures
	Dr. Yuvaraj Singh	Comparison Of Scalpel Blade And Radiofrequency Cautery For Extraoral And Intra Oral Incisions In Oral And Maxillofacial Surgery- A Prospective Randomized Single Blind Study
2014-17	Dr. Gagandeep Singh	Comparison Of Bone Healing In Immediate Implant Placement Versus Delayed Implant Placement: A Prospective Randomized Clinical Trial
	Dr. Suresh Barayach	Effect Of Sub Mucosal Dexamethasone On Post-Operative Sequelae After Third Molar Surgery :A Prospective Randomized Comparative Clinical Trial
	Dr. Rajat Pareek	A Comparative Randomized Clinical Evaluation of The Effect of Preoperative and Postoperative Antimicrobial Therapy on Postoperative Sequelae After Extraction of Impacted Mandibular Third Molar
2015-18	Dr. Vishal Jindal	Comparison Of Radiographic Bone Healing Between Early Loading & Delayed Loading Dental Implants: A Prospective Randomized Clinical Trial
	Dr. Ritika Grover	A Randomized Double Blind Placebo Controlled Trial, Comparing The Efficacy Of ETORICOX 60mg As Pre-Emptive Analgesia In The Treatment Of Patients With Surgical Extraction Of Third Molar.
	Dr. Monika Mehta	To Compare the Anaesthetic Effect Of 4% ARTICAININE Versus 2% LIGNOCAINE In Inferior Alveolar Nerve Block During Surgical Extraction Of Impacted Lower Third Molar: A Prospective Randomized Clinical Trial.
2016-19	Dr. Jitendra Kumar	Comparison Of Ondansetron & Palonosetron On Post-Operative Nausea & Vomiting: A Prospective Randomized Double Blind Clinical Trial
	Dr. Vineeta Yadav	To Evaluate The Role Of PRF Membrane In Socket Preservation & Prevention Of Periodontal Defects After Extraction Of Impacted Mandibular Third Molar: A Prospective Randomized Split Mouth Clinical Trial
	Dr. Atul Aggarwal	A Comparison Of Implant Healing With & Without Resorbable Membrane: A Prospective Randomized Clinical Study
2017-20	Dr. Kaushal Charanpahari	To Compare The Clinical Efficacy Of Calcium Sulphate Hemihydrate Microbeads Loaded With Amoxicillin(500mg) & Clavulanic Acid (100mg) As Local Drug Delivery System When Compared With Oral Amoxicillin (500mg) & Clavulanic Acid(125mg)In Third Molar Surgery : A Prospective Randomized Comparative Clinical Trial
	Dr. Umesh Kaswan	Comparison Of Platelet Rich Fibrin & Platelet Rich Fibrin Mixed With Hydroxyapatite Granules For Maxillary Sinus Lift Surgery :A Prospective Randomized Clinical Trial


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	Dr. Hemlata Solanki	Evaluation Of Medical Grade Calcium Sulphate Hemihydrate For Human Extraction Socket: A Prospective Randomized Comparative Clinical Trial
2018-21	Dr. Sheffali Walia	A Split Mouth Randomized Prospective Clinical Trial, To Evaluate The Performance Of Piezosurgery Compared With Tungsten Carbide Bur For Bone Cutting For Removal Of Impacted Lower Third Molar.
	Dr. Asheen Gupta	Pre-Operative Single Dose Of Oral Antibiotic Versus 5 Days Post-Operative Oral Antibiotics Protocol For Dental Implants Patients: A Prospective Randomized Clinical Study
	Dr. Kapil Kumar	A Comparison Of Implant Healing With Primary Closure Of Flap & Flapless Healing In Immediate Implant Placement: A Prospective Randomized Clinical Study
2019-22	Dr. Abhishek Kumar	"The comparison Between infraorbital approach versus trans conjunctival approach in midface fractures" A prospective Randomized Clinical Controlled study.
	Dr. Neha Singh	A prospective Randomized Clinical Controlled trial to compare the wound healing in immediate dental implants with or without placement of collagen membrane
	Dr. Reena Mor	To compare the clinical efficacy of the PRP versus Arthrocentesis in the management of internal disc derangement with reduction of temporomandibular joint: A prospective Randomized controlled trial


Year	Name	Topic
2015-18	Dr. Vishal Jindal	Infections of Head and Neck
	Dr. Ritika Grover	Mandibular Fractures
	Dr. Monika Mehta	Surgical Approaches to Maxillofacial Region
2016-19	Dr. Jitendra Kumar	Salivary Gland Tumors
	Dr. Vineeta Yadav	Fractures of Middle Third of Face
	Dr. Atul Aggarwal	Temporomandibular Disorders
2017-20	Dr. Kaushal Charanpahari	Local Flaps OF Head and Neck Region
	Dr. Umesh Kaswan	Causes of Implant Failure
	Dr. Hemlata Solanki	Augmentation Procedures for Implant Treatment
2018-21	Dr. Sheffali Walia	Zygomatic Complex Fracture
	Dr. Asheen Gupta	Obstructive Sleep Apnoea
	Dr. Kapil Kumar	Naso orbito ethmoid Fracture
2019-22	Dr. Reena Mor	Lasers in OMFS
	Dr. Abhishek Kumar	Arthroscopy of the temporomandibular joint
	Dr. Neha Singh	Cleft Palate

Name of PG student	Batch	Short Study title
Dr. Abhishek Kumar	2019-022	Effectiveness of Ethamsylate in reducing the incidence of Alveolar Osteitis : an institutional single blind study.
Dr. Reena Mor	2019-022	3 To evaluate post operative complication like nausea , vomiting and diarrhoea in single dose pre - operative Amoxycill. in 250mg vs post operative Amoxycillin 250mg TDS for 3days in 3rd Molar impaction.



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RESEARCH WORK IN DEPARTMENT OF CONSERVATIVE AND ENDODONTICS

Year	Topic of research \$scholar name
2016	<p>1. A comparative evaluation of water absorption of 3 different esthetic restoration materials – an invitro study Dr Arshia Kapoor</p> <p>The incidence of dentinal microcrack west by hand versus different instrument after biomechanical preparation an vitro study. Dr Rubal khetan</p> <p>A comparative evaluation of fracture restoration of endodontically treated teeth obturated with tubeliseal and Gutta percha, a Plus and Gutta percha roeko seal and Gutta percha and realseal sealer and realseal cone- an invtro study. Dr Rubal khetan</p> <p>An in vitro comparative evaluation of biodentin and resin modified GIC against MTA As a fracture repair material : analysis by confocal as laser microscopy. Dr Fatinder Jeet Singh</p> <p>An in-vitro study comparative evaluation of the sealing ability of five different root end filling methods using high copper amalgam, RMGIC, cermet cement, MTA, biodentin: an analysis by confocal laser microscopy. Dr Fatinder Jeet Singh</p>
2017	<p>Evaluation of different irrigation techniques for the removal of triple antibiotic paste from root canal- An in vitro study. Dr saurabh bhagat</p> <p>A comparative stereomicroscopic evaluation of dentinal microcrack using differenthand and rotary Filesystems- An in vitro study. Dr saurabh bhagat</p> <p>A comparative evaluation of shear band strength of 3 adhesive system to white mineral trioxide aggregate (WMTA) with different time interval and mode of fracture using stereomicroscope- An in vitro study. Dr Monika panwar</p> <p>Non-surgical needling of large periapical lesion followed by triple antibiotic paste, apexum procedure and apexification with 2year follow up. Dr Monika panwar</p> <p>A conservative study of working length determination by different method – In vitro study Dr Ritika Gupta</p>
2018	<p>An invitro comparative evaluation of efficiency of different cleaning protocols used for contaminated endodontic file: A stereo microscopic study. Dr.Kaiber sidhu</p> <p>An in vitro comparative evaluation of different bleaching agent on marginal integrity of different restorative resin methods; An analysis by confocal laser microscopy, Dr. Nitish Goyal.</p> <p>An in vivo comparative evaluation of post-operative complication in single versus multiple visit endodontic therapy. - 1 month follow up. Dr vivek joshi</p>


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2019	<p>An institutional survey for self awareness and knowledge based assessment in TMJ disorders among dental students Dr. Niharika patalbansi</p> <p>A comparative evaluation of effects of conventional and Herbal irritant on WL determination by third generation Apex locator- An in vitro study Dr. Niharika patalbansi</p> <p>Evaluation of rise in pulp chamber temperature after activation with different curing light on bleached teeth- An invitro study Dr. Aditya bansal</p> <p>Comparative evaluation of apical seeding ability of different obturation technique by confocal microscopy- An invitro study. Dr. Reetu Arora</p>
2020	<p>Comparative evaluation of effect of different endodontic irrigation protocol on the microhardness of root canal dentin: an in vitro study. Dr Kavneet</p> <p>An in vitro comparative evaluation of the fracture resistance of teeth with MOD preparation restored with different esthetic materials by bulk-fill and incremental methods. Dr. Shefali Goyal</p> <p>Evaluation of effects of various antioxidants on the shear bond strength of the composite resin to the bleached enamel. Dr somya jain</p>
2021	<ol style="list-style-type: none"> 1. Comparative evaluation of apical microleakage in immediate verses delayed post space preparation using four endodontic sealers seen under stereomicroscope : An in vitro study Dr. Megha 2. Comparing and evaluating the antimicrobial efficacy of endodontic root canal sealers against E. fecalis, S. aureus and candida albicans at 24, 48, and 72 hr :an in vitro study. Dr. Ajisha 3. An in vitro comparative evaluation of different agitations methods in removal of calcium hydroxide intra-canal medicament mixed with two different vehicle : Volumetric analysis using CBCT. Dr. Gautam


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DEPARTMENT OF ORAL MEDICINE & RADIOLOGY

RESEARCH PROJECTS

Name of the PG scholar	Title of the thesis	Year
Dr. Ankush puri	Evaluation of the vital mandibular interforaminal anatomical structure: A CBCT based study in Sriganganagar population.	2016
Dr. Saloni	Evaluation of elongated styloid process and its clinical significance in normal adult population of Sriganganagar- A Clinical Radiographic Study	2016
Dr. Princy Mahajan	Prevalence of oral anatomical variation and mucosal lesions among geriatric population of Sriganganagar- A Cross Sectional study.	2016
Dr. Vaibhav Mane	Evaluation of Hematologic parameters in patients with recurrent aphthous stomatitis among sri Ganganagar population – A case control study	2017
Dr. Shivani Kohli	Evaluation of serum lipid profile and ABO blood group in oral cancer and tobacco associated oral lesion among Sriganganagar population – a case control study	2018
Dr. Amit Kumar Bansal	Sexual dimorphism using maxillary sinus morphometrical analysis and bizygomatic width : a cone beam computed tomographic study	2018
Dr. Bhupinder Kumar	Prevalence and characteristic of haller cells and orbital dehiscence: A cone beam computed tomographic study	2018
Dr.SamreenJaral	Comparative analysis of serum and salivary uric acid, albumin and lactate dehydrogenase levels in smokeless tobacco consumers of Sriganganagar population – a case control study.	2019
Dr. Meenakshi Surana	Radio-morphometric analysis of sellatursica with relation to age and gender in Sriganganagar population – A prospective Cephalometric study	2019
Dr. Ankit Kumar	Morphometric analysis of mental and mandibular foramen in gender determination among Sriganganagar population: A cross sectional digital panoramic study.	2019
Dr. Aman Kataria	Morphologic variations of the coronoid process, condyle and sigmoid notch as an adjunct in personal identification among population of Sriganganagar : a radiographic study	2020
Dr.Sanjita Srivastava	Prevalence and evaluation of characteristic of supernumerary teeth in the population of	2020


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	Sriganganagar, Rajasthan	
Dr. Isha Balmuchu	Prevalence and evaluation of tobacco associated oral mucosal lesions and its correlation with exhaled alveolar carbon monoxide and serum carboxyhaemoglobin levels among the male smokers of Sriganganagar.	2020
Dr Anisha Anukampa	Prevalence of oral mucosal lesion in bronchial asthma patients	2021
Dr Bajranglal	Estimation of level of copper and iron in different stages of OSMF Patient	2021
Dr Mohammad Ashab Alam	Prevalence of Impacted teeth and associated pathologies- A Radiographic Study	2021


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