

Maharashtra University of Health Sciences, Nashik
Additional List of Approved Title of Dissertation for Academic Year 2009-10
under the Faculty of Dentistry (Post Graduate)

Sr. No.	Approved Title of Dissertation
Oral Pathology & Microbiology	
1	Electrophoretic analysis of whole Saliva to study the levels of Salivary proteins and their correlation with prevalence of Dental caries.
2	A study of "salivary Lactate Dehydrogenase Isoenzyme levels in patients with oral Leukoplakia (OL) & Squamous cell Carcinoma (OSCC) by Gel Electrophoresis method.
3	To evaluate the effect of Oil pulling therapy on dental caries and total oral microbial load.
4	Palmar dermatoglyphics study in oral submucous fibrosis.
5	Evaluation of Mitotic figures obtained by using 1% Crystal Violet stain and the expression of Ki67 antigen in histological grades of oral squamous cell carcinoma.
6	Correlation of mast cell density using Toluidine blue stain and microvessel density using CD-34 marker in the histological grades of oral squamous cell carcinoma.
7	Epidemiology of Dental Fluorosis among children in selected villages of Kannad and Vaijapur taluka of Aurangabad District.
8	Estimation of age using incremental lines in cementum of human teeth by polarising microscopy.
9	The retrospective study of epithelial linings of Odontogenic Keratocysts and Radicular Cysts using Image analysis and PCNA marker.

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Additional List of Approved Title of Dissertation for Academic Year 2009-10
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Sr.No.	Approved Title of Dissertation
Prosthodontics & Crown & Bridge	
1	An in-vitro comparison of the marginal integrity of curved four unit Zirconia & Porcelain fused to metal fixed partial dentures as measured before and after application of Veneering Ceramic.
2	Comparative evaluation of the position of neutral zone in relation to crest of mandibular residual alveolar ridge with different duration of edentulousness: A clinico-radiographic study.
3	Colour stability of provisional prosthodontic materials - An in vitro study.
4	An invitro comparative evaluation of the efficacy of retraction cord treated with three different chemical agents.
5	Quantitative analysis of the change in flexure strength of resin based interim fixed dental prosthesis by impregnation with various types of silane treated and untreated glass fibres- An in vitro study.

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Sr.No.	Approved Title of Dissertation
Orthodontics & Dentofacial Orthopaedics	
1	A comparative study of the effects of rapid canine retraction through the distraction of the periodontal ligament using two different distraction protocols-An in vivo study.
2	To establish norms for attractive soft tissue profiles using silhouettes, and their comparison with cephalometric norms.
3	To study the effect of various surface conditioning procedures on bond strength of metal brackets bonded to porcelain fused to metal surface by transbond XT; 3M unitek light cure adhesive - An in vitro study.
4	Standardizing interarch tooth-size harmony in a Maharashtrian population-An epidemiological study.
5	To study the force degradation of orthodontic elastomeric chains due to commonly consumed liquids- An in vitro study.
6	Apical force distribution during different types of orthodontic tooth movement- the finite element method study.
7	Effect of postpolymerisation treatment of flexural strength of autopolymerizing acrylic resin- An in vitro study.
8	Comparison of frictional resistance of various types of orthodontics Lingatures: An In-vitro study.
9	To compare antero-posterior & vertical components of class II Div1 & Div 2 Malocclusion - A cephalometric study.
10	To compare shear and tensile bond strength of various contemporary orthodontic light cure adhesive systems-an in vitro study.
11	Assessment of debonding properties of ceramic brackets with different base structure An in vitro study.
12	A comparison of Angle's class I and class II div.1 malocclusion with normal occlusion in Maharashtrian population using Sassouni's plus analysis- an Invitro study.
13	A comparative evaluation of force decay and rate of maxillary canine retraction using Nickel-Titanium coils and Elastomeric chain- An in vivo study.

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Sr. No.	Approved Title of Dissertation
Oral & Maxillofacial Surgery	
1	To evaluate efficacy of isoamyl 2 Cyano-Acrylate in closure of surgical wound after Alveoplasty in anterior regions when compared with sutures.
2	Microbiological study and management of Odontogenic infections.
3	Evaluation of temporomandibular joint Arthrocentesis in management of temporomandibular joint pain disorder.
4	Evaluation of Neurosensory deficits in Maxillofacial surgery.
5	Changing patterns in midfacial/craniofacial injuries.
6	Autologous Platelet Rich Plasma after third molar surgery-A comparative study.
7	Treatment of mandibular angle fractures. A comparison between two plate and one plate method.
8	Age related complications following mandibular third molar surgery.

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Sr. No.	Approved Title of Dissertation
Periodontology	
1	Comparative evaluation of efficacy of Porous Hydroxyapatite versus Autogenous Bone Graft versus Autogenous Platelet Rich Plasma combined with Porous Hydroxyapatite in treatment of Intra-bony Periodontal defects in Human.
2	Comparative evaluation of connective tissue graft alone and connective tissue graft combined with Platelet Rich Plasma for root coverage in the treatment of Miller's Class I and Class II Gingival Recession.
3	Estimation of Gingival overgrowth among renal transplant recipients and evaluation of possible background factors causing Gingival overgrowth in patients receiving Cyclosporine as compared to those receiving Tacrolimus.
4	A comparative estimation of various red blood cells parameters in Chronic periodontitis patients before & after nonsurgical periodontal therapy: An interventional clinico-haematological study.
5	A controlled comparative evaluation of Neutrophil functions in Type II Diabetic and Non- Diabetic individuals with chronic generalized periodontitis: A Biochemical & Microbiological study.
6	To evaluate fibrin glue as an alternative to sutures in periodontal flap surgeries: A Split mouth clinical trial.
7	An epidemiological study to assess referral patterns to periodontists by general dental practitioners in city of Pune, Maharashtra.
8	Comparative evaluation of Blood Leucocytes and Serum Proteins in Aggressive and Chronic Periodontitis Patients- A Biochemical and Immunoanalytical study.
9	Comparative evaluation of coronally positioned flap with or without using Collagen Barrier membrane (Periocol) for root coverage procedure: A clinical study.
10	Comparative evaluation of fysiograft (Polylactic and Polyglycolic Co-polymer) and open flap debridement in the treatment of intra-bony periodontal defects: A clinical and Radiographic study.
11	Comparative evaluation of treatment outcome in patients with aggressive periodontitis undergoing conventional therapy with and without adjunctive submicrobial dose of Doxycycline- A Clinical Study.
12	Effect of Non- Surgical therapy on Total white blood cell count, Differential count, Peripheral platelet count and Acute phase protein in smokers and non-smokers with generalised chronic periodontitis.

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Periodontology	
13	Comparative evaluation of efficacy of recombinant human platelet derived growth factor combined with Beta-Tricalcium phosphate (GEM21S) with open flap debridement and Beta-Tricalcium phosphate in treatment of grade II furcation defects -A clinical study.
14	A comparative evaluation of IL-1 β in GCF and Blood Serum in non-pregnant, Normotensive pregnant and pregnant women with pre-eclampsia - A Clinical and Biochemical study.

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Sr. No.	Approved Title of Dissertation
Oral Medicine & Radiology	
1	Evaluation of ultrasound in conjunction with conventional conservative therapy in the management of oral submuous fibrosis.
2	Evaluation of Laser Therapy and routine treatment modalities in the management of Myofascial pain dysfunction syndrome.
3	Comparative evaluation of pulp calcification in Hypertensive patients and noraml health individuals by intra oral conventional and digital radiography.

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Sr.No.	Approved Title of Dissertation
Paedodontics & Preventive Dentistry	
1	Assessment of inhibition of mineral loss from human tooth enamel by CO2 laser and 1.23% Acidulated Phosphate Fluoride- An in situ study.
2	Comparison of the efficacy of rotary profiles, protaper files, hero shapers, and k files in the root canal preparation of primary teeth. An in vitro study.

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Sr.No.	Approved Title of Dissertation
Conservative Dentistry & Endodontics	
1	The effect of commonly consumed beverages on microhardness and colour stability of two types of composite resins.
2	An in vitro comparison of apical sealing, ability of thermoplasticised gutta percha obturation techniques with cold lateral condensation.
3	Root Canal morphology of Mandibular first premolar in the population of Mumbai region: An invitro study.
4	Success rate of rotary Vs hand protapers in single-visit root canal therapy -In vivo study.
5	Comparision between two generations of apex locators- An in vitro study.

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