

REPOSITORY OF RESEARCH SYNOPSES FOR MDS DEGREE PRESENTED TO ASRB OF UHS

Degree	Student Name	Institute	Research Title	Supervisor	Report Status
MDS Chemistry of Dental Materials	Dr. Uzma Awan	PGMI Lahore	Development of high performance dental amalgam alloy	Prof. Dr. Tariq Zaman	Approved
MDS Operative Dentistry	Ammara Tufail	PGMI Lahore	Comparison of effect of unmodified calcium hydroxide and triphala on dental pulp in rabbit model when used as direct pulp capping agents	Prof. Sohail Abbas Khan	Pending
MDS Operative Dentistry	Dr. Aakif Nawaz Chaudhry	PGMI Lahore	A comparative evaluation of endoflas, hydroxyapatite-iodoform paste and zinc oxide eugenol as a root filling material in primary dentition	Prof. Sohail Abbas Khan	Approved
MDS Operative Dentistry	Dr. Aftab Ahmed Khan	PGMI Lahore	Evaluation of tulsi and turmeric extracts as an endodontic irrigant against Enterococcus faecalis: An in vitro study	Prof. Sohail Abbas Khan	Approved
MDS Operative Dentistry	Dr. Ambreen Fatima	PGMI Lahore	Comparison of human dental pulp response using unmodified and three modified calcium hydroxide forms with chlorhexidine; propolis and hypericum, as direct pulp capping agent	Prof. Sohail Abbas Khan	Approved
MDS Operative Dentistry	Dr. Ayesha Bashir	PGMI Lahore	Effect of honey and calcium hydroxide dressings on inflammatory response of human dental pulp after pulpotomy	Prof. Sohail Abbas Khan	Approved
MDS Operative Dentistry	Dr. Babra Marium Anwari	PGMI Lahore	Histological comparison of honey with formocresol in partial pulpotomy of deciduous molars	Prof. Sohail Abbas Khan	Approved
MDS Operative Dentistry	Dr. Haroon Anwar Khan	PGMI Lahore	Comparative evaluation of marginal integrity using bonded amalgam, silorane composite and giomer restorative materials	Prof. Sohail Abbas Khan	Approved
MDS Operative Dentistry	Dr. Kashif Adnan	PGMI Lahore	Comparison of microleakage between silorane, silorane modified with 5 % Nano hydroxyapatite and silorane modified with 10 % Nano hydroxyapatite and methyl methacrylate based composite material	Prof. Sohail Abbas Khan	Approved
MDS Operative Dentistry	Dr. Md. Asdaq Hussain	PGMI Lahore	Comparative evaluation of microleakage of amalgam, high viscosity glass ionomer and resin-modified glass ionomer restorative materials in primary molars	Prof. Sohail Abbas Khan	Approved
MDS Operative Dentistry	Dr. Mehwish Zaman	PGMI Lahore	Comparison of iodoform and Aloe vera gel containing obturating materials in primary teeth	Prof. Sohail Abbas Khan	Approved
MDS Operative Dentistry	Dr. Mohsin Kamal	PGMI Lahore	Evaluation of fracture resistance and failure modes of endodontically treated teeth restored with four different endocrowns compared to conventional post and core-supported crown	Prof. Sohail Abbas Khan	Pending
MDS Operative Dentistry	Dr. Mubashir Rasheed	PGMI Lahore	Comparative study of inflammatory response of human dental pulp in primary molars after direct pulp cap with propolis, mineral trioxide aggregate and calcium enriched mixture	Prof. Sohail Abbas Khan	Approved
MDS Operative Dentistry	Dr. Muhammad Javed Iqbal	PGMI Lahore	Comparison of fracture resistance and micro leakage in tunnel preparation restored with glass ionomer, cermet and silorane composite	Prof. Sohail Abbas Khan	Approved
MDS Operative Dentistry	Dr. Naureen Sarwar	PGMI Lahore	The antibacterial effect of propolis on enterococcus faecalis in root canal failure	Prof. Sohail Abbas Khan	Approved
MDS Operative Dentistry	Dr. Nazia Bashir	PGMI Lahore	Evaluation of pulpal response to formocresol, enamel matrix derivative and turmeric extract pulpotomy in primary teeth	Prof. Sohail Abbas Khan	Approved
MDS Operative Dentistry	Dr. Rabia Dastgeer	PGMI Lahore	Comparison of human dental pulp response using calcium hydroxide, calcium hydroxide modified with chlorhexidine and Salvadora persica as direct pulp capping agent	Prof. Sohail Abbas Khan	Approved
MDS Operative Dentistry	Dr. Rabia Ejaz	PGMI Lahore	Comparison of propolis varnish, fluoride varnish and calcium hydroxide on inflammatory response of human dental pulp as direct pulp capping agent	Prof. Sohail Abbas Khan	Approved
MDS Operative Dentistry	Dr. Saira Aslam	PGMI Lahore	Comparison of microleakage of chemically bonded and mechanically bonded restorations after chemomechanical caries removal technique in primary teeth	Prof. Sohail Abbas Khan	Approved

Degree	Student Name	Institute	Research Title	Supervisor	Report Status
MDS Operative Dentistry	Dr. Sakina Bajwa	PGMI Lahore	Evaluate the effects of adhesive on fissure sealant interface microleakage penetration and morphology	Prof. Sohail Abbas Khan	Pending
MDS Operative Dentistry	Dr. Shahida Naseem Raee	PGMI Lahore	Comparison of the clinical and histological inflammatory response of rabbit dental pulp, using calcium hydroxide and ethanolic neem extract as pulp capping medicaments	Prof. Sohail Abbas Khan	Approved
MDS Operative Dentistry	Dr. Shakeel Ahmad Monga	PGMI Lahore	Comparison of pit and fissure pretreatment techniques: Fissurotomy with bur followed by acid etching; Air polishing with sodium bicarbonate followed by Acid etching and acid etching alone; at different aging of fissure sealant	Prof. Sohail Abbas Khan	Approved
MDS Operative Dentistry	Dr. Shazia Naz	PGMI Lahore	Quantitative microleakage evaluation in high copper amalgam restorations by applying different adhesive liners	Prof. Sohail Abbas Khan	Approved
MDS Operative Dentistry	Dr. Shazia Perveen	PGMI Lahore	A comparative study of antimicrobial activity of tea tree oil and calcium hydroxide mixed with 2% chlorhexidine as intracanal medicament against Enterococcus faecalis in failed endodontic treatment	Prof. Sohail Abbas Khan	Approved
MDS Operative Dentistry	Dr. Wajiha Khalid	PGMI Lahore	Comparison of antibacterial efficacy of turmeric and turmeric mixed with calciumhydroxide as an intracanal medicament: An invivo study	Prof. Sohail Abbas Khan	Pending
MDS Operative Dentistry	Dr. Zaheer Ahmed	PGMI Lahore	An in vivo comparative study: pulpal response towards Aloe vera gel, formacresol and 2% glutaraldehyde as pulpotomy agent	Prof. Sohail Abbas Khan	Pending

Degree	Student Name	Institute	Research Title	Supervisor	Report Status
MDS Operative Dentistry	Sahrish Jabeen	PGMI Lahore	Clinical & Radiographical evaluation of allium sativum oil as natural medicament for pulpotomy of deciduous teeth	Prof. Sohail Abbas Khan	Pending
MDS Operative Dentistry	Dr. Sadaf Zahid	PGMI Lahore	Comparison of treatment outcome after using platelets rich fibrin and blood clot as scaffold in regenerative endodontic procedures in non-vital immature permanent anterior teeth; a randomized controlled clinical trial	Dr. Shazia Naz	Approved
MDS Operative Dentistry	Dr. Waqar Ahmed Wani	PGMI Lahore	Comparison of sealing ability of biodentine, bioactive bone cement and mineral trioxide aggregate as furcation repair material: A die extraction in-vitro study	Prof. Sohail Abbas Khan	Pending
MDS Operative Dentistry	Dr. Zain Ashraf	PGMI Lahore	Clinical and radiographic evaluation of calcium hydroxide and Azadirachta indica (Neem) as intra-canal medicament: A randomized controlled clinical trial	Dr. Shazia Naz	Approved
MDS Operative Dentistry	Dr. Ambreen Zahra	PGMI Lahore	Efficacy of turmeric as an intracanal medicament in permanent premolars against Enterococcus faecalis: An in vitro study	Dr. Shazia Naz	Approved
MDS Operative Dentistry	Dr. Mashal Mazhar	PGMI Lahore	Bacteriological evaluation of formocresol, Allium sativum oil and turmeric gel as a medicament for non-vital pulpotomy of primary teeth -A randomized controlled trial	Dr. Shazia Naz	Approved
MDS Operative Dentistry	Dr. Tabassum Younas Khan	PGMI Lahore	A comparative study of microleakage in nano hybrid composites with zirconomer and cention N used as restorative materials	Prof. Sohail Abbas Khan	Approved
MDS Operative Dentistry	Dr. Zain Rafique	PGMI Lahore	To compare histological inflammatory response of human dental pulp using poliquil (castor oil bean based cement), MTA and calcium hydroxide as direct pulp capping agents in primary molars	Prof. Sohail Abbas Khan	Pending
MDS Operative Dentistry	Dr. Shizah Shoaib	PGMI Lahore	Clinical and radiographic evaluation of Zingiber officinale (Ginger) and calcium hydroxide as obturating materials in root canal treatment of primary molars: A randomized controlled clinical trial	Dr. Shazia Naz	Approved
MDS Operative Dentistry	Dr. Tayyaba Ashraf	PGMI Lahore	Comparative evaluation of clinical and radiographic outcomes of triphala gel and calcium hydroxide as intra-canal medicaments: A randomized controlled clinical trial	Dr. Shazia Naz	Approved
MDS Operative Dentistry	Dr. Fatima Nazar	PGMI Lahore	A comparison of Nigella sativa oil and formocresol as pulp medicaments in non-vital pulpotomy in primary molars; A randomized controlled trial	Dr. Shazia Naz	Approved
MDS Operative Dentistry	Dr. Saqeefa Mahreen	PGMI Lahore	Histological evaluation of pulpal response and dentine bridge formation in rabbit's incisors after direct pulp capping with calcium hydroxide and chitosan.	Dr. Shazia Naz	Approved
MDS Operative Dentistry	Dr. Humaira Siddique	PGMI Lahore	Histological evaluation pulpal response and dentine bridge formation in rabbit's incisors after direct pulp capping with lithium chloride in comparison with calcium hydroxide	Dr. Shazia Naz	Approved
MDS Operative Dentistry	Dr. Anam Rafiq	PGMI Lahore	Comparison of treatment outcomes of two different combinations of antibiotics in regenerative endodontic procedure of immature non-vital permanent anterior teeth due to trauma: A randomized controlled clinical trial	Dr. Shazia Naz	Pending
MDS Operative Dentistry	Dr. Iqra Jamal	PGMI Lahore	Comparative evaluation of treatment outcomes of Azadirachta indica (Neem) with mineral trioxide aggregates (MTA) as pulpotomy agents in deciduous molars	Dr. Shazia Naz	Approved
MDS Operative Dentistry	Dr. Syeda Zamurrad Fatima	PGMI Lahore	A comparative histological evaluation of trachyspermum Ammi (Ajwain Oil) with mineral trioxide as direct pulp capping agent. An animal experimental study	Dr. Shazia Naz	Pending
MDS Oral & Maxillofacial Surgery	Dr. Hafiz Shaker Mahmood	PGMI Lahore	Evaluation and assessment of artificial bone substitute in the treatment of benign apical defects of the mandible and maxilla	Dr. Muhammad Saeed	Approved
MDS Oral & Maxillofacial Surgery	Dr. Irfan Ahmed Shah	PGMI Lahore	Comparison of resorbable with non resorbable plates to treat paediatric mandibular fractures	Prof. Dr. Muhammad Usman Akhtar	Approved
MDS Oral & Maxillofacial Surgery	Dr. Muhammad Adnan Akram	PGMI Lahore	Comparison of 3-dimensional microplate with conventional microplate and arch bar in the management of paediatric anterior mandibular fractures	Dr. Saeed Akhtar Khan	Approved
MDS Oral & Maxillofacial Surgery	Dr. Muhammad Amjad Bari	PGMI Lahore	Significance of P53 expression in the surgical management of ameloblastoma	Prof. Adnan Ali Shah	Approved

Degree	Student Name	Institute	Research Title	Supervisor	Report Status
MDS Oral & Maxillofacial Surgery	Dr. Muhammad Hamza Hashim	PGMI Lahore	Comparative study of viable autogenous bone craft with and without platelet rich plasma in jaw defects	Prof. Dr. Muhammad Usman Akhtar	Approved
MDS Oral & Maxillofacial Surgery	Dr. Muhammad Imran Saleh	PGMI Lahore	Management of unilateral temporomandibular joint ankylosis by comparing two interpositional materials	Prof. Dr. Muhammad Usman Akhtar	Approved
MDS Oral & Maxillofacial Surgery	Dr. Muhammad Mustafa Ch.	PGMI Lahore	Comparative management of oral submucous fibrosis by using two treatment modalities to achieve maximum inter-incisal jaw opening	Prof. Dr. Muhammad Usman Akhtar	Approved
MDS Oral & Maxillofacial Surgery	Dr. Najam Tariq	PGMI Lahore	Comparative study of zygomatic bone fractures by using two treatment modalities	Prof. Dr. Muhammad Usman Akhtar	Pending
MDS Oral & Maxillofacial Surgery	Dr. Qamar uz Zaman	NID Multan	A Comparision between interpositional temporomandibular joint arthroplasty alongwith ipsilateral coronoidectomy and interpositional temporomandibular joint arthroplasty alongwith temporalis muscle myotomy and repositioning of the muscle on temporal bone in unilateral temporomendibular joint ankylosis	Dr. Shaheen Anjum	Pending
MDS Oral & Maxillofacial Surgery	Dr. Rabia Khan	NID Multan	Effectiveness of two dosages of dexamethasone to control postoperative pain and trismus after the surgical extraction of mandibular impacted third molars	Dr. Shaheen Anjum	Pending
MDS Oral & Maxillofacial Surgery	Dr. Saeed Ahmed	PGMI Lahore	Bone Scintigraphy a study of viability of costochondral graft in TMJ ankylosis	Prof. Adnan Ali Shah	Approved
MDS Oral & Maxillofacial Surgery	Dr. Usman Tariq	PGMI Lahore	Comparison of superior border plate with intraoral approach Versus Lateral border plate with transbuccal and intraoral approach for the management of paediatric mandibular angle fractures	Dr. Saeed Akhtar Khan	Approved
MDS Oral & Maxillofacial Surgery	Dr. Wakil Muhammad	PGMI Lahore	Histological evaluation of bone healing with and without beta tricalcium phosphate in experimentally induced defects of rabbit jaw	Prof. Dr. Muhammad Usman Akhtar	Approved
MDS Oral & Maxillofacial Surgery	Dr. Muhammad Ali Malik	PGMI Lahore	Post surgical mandibular defect rehabilitation with immediate dental implants, with and without platelet rich plasma autograft	Prof. Dr. Muhammad Usman Akhtar	Approved
MDS Oral & Maxillofacial Surgery	Dr. Beena Kali	PGMI Lahore	Correction of facial asymmetry in post-treated unilateral temporomandibular joint ankyloses patients using intraoral distractors	Prof. Muhammad Usman Akhtar	Approved
MDS Oral & Maxillofacial Surgery	Dr. Muhammad Akram	PGMI Lahore	Association of TGF-B 1 gene polymorphism with oral submucous fibrosis	Prof. Muhammad Usman Akhtar	Approved

Degree	Student Name	Institute	Research Title	Supervisor	Report Status
MDS Oral & Maxillofacial Surgery	Dr. Haider Ali	PGMI Lahore	Osteosynthesis using 3D plates in the treatment of mandibular fractures in the dentate area	Prof. Muhammad Usman Akhtar	Pending
MDS Oral & Maxillofacial Surgery	Dr. Iqra Amin	PGMI Lahore	Comparative Evaluation of Somatic TP53 gene mutations detected in saliva of oral squamous cell carcinoma patients with healthy adults	Dr. Shahid Ali	Pending
MDS Oral & Maxillofacial Surgery	Dr. Neha Usman	PGMI Lahore	Efficacy of botulinum toxin A injections in symptomatic management of patients with temporomandibular joint dysfunction: A Qusai experimental study	Dr. Shahid Ali	Approved
MDS Oral & Maxillofacial Surgery	Dr. Muhammad Umar Saeed	PGMI Lahore	Comparative evaluation of ORIF for mandibular angle fracture management with and without virtual surgical planning and 3D-model surgery	Prof. Muhammad Usman Akhtar	Approved
MDS Oral & Maxillofacial Surgery	Dr. Sangita Pandey	PGMI Lahore	Comparative study of pyogenic granuloma management with conservative sclerotherapy to invasive surgical excision: A Randomized clinical trial	Prof. Muhammad Usman Akhtar	Approved
MDS Oral & Maxillofacial Surgery	Dr. Hurera Pervez	AIMC Lahore	Functional and esthetic outcome of virtual surgical planning vs conventional planning in treatment of old malunited panfacial fractures: a randomized controlled trial	Dr. Gulraiz Zulifqar	Approved
MDS Oral & Maxillofacial Surgery	Dr. Aqib Aziz	PGMI Lahore	Use of buccal advancement flap for the management of oroantral fistula with and without platelet rich fibrin	Prof. Muhammad Usman Akhtar	Approved
MDS Oral & Maxillofacial Surgery	Dr. Iram Pervaiz	PGMI Lahore	Comparative evaluation of autogenous bone graft with and without concentrated growth factor (CGF) after mandibular third molar extraction	Prof. Usman Akhtar	Approved
MDS Oral & Maxillofacial Surgery	Dr. Alvina Malik	PGMI Lahore	Comparison of outcome of piezosurgery osteotomy with conventional rotary bur osteotomy for impacted mandibular third molar surgery	Prof. Muhammad Usman Akhtar	Approved
MDS Oral & Maxillofacial Surgery	Dr. Amna Maqsood	PGMI Lahore	Comparison of outcome of bone healing in pathological cavities by using alloplastic beta tri-calcium phosphate with and without PRP	Prof. Usman Akhtar	Approved
MDS Oral & Maxillofacial Surgery	Dr. Adeel Ayub	PGMI Lahore	Efficacy of TENS therapy in trigeminal neuralgia pain management	Dr. Shahid Ali	Pending

Degree	Student Name	Institute	Research Title	Supervisor	Report Status
MDS Oral & Maxillofacial Surgery	Dr. Basma Hamood Al Tayyar	PGMI Lahore	Accuracy of toluidine blue for assessment of mucosal tumor margins in oral squamous cell carcinoma in comparison to frozen section	Dr. Shahid Ali	Pending
MDS Oral Pathology	Dr. Irfan Ahmed Dodhy	PGMI Lahore	Histopathological assessment of oral lichen lesions undergoing three different treatment modalities: steroid, metronidazole antifungal	Prof. Adnan Ali Shah	Approved
MDS Orthodontics	Dr. Ahmed Shamim Qureshi	PGMI Lahore	Alkaline phosphatase level in Gingival Crevicular fluid during Rapid Palatal Expansion by Hyrax	Prof. Waheed Ul Hamid	Approved
MDS Orthodontics	Dr. Faryal Ali Syed	PGMI Lahore	Comparison of flapless and flap corticotomy on orthodontic tooth movement in a rat model	Prof. Waheed Ul Hamid	Approved
MDS Orthodontics	Dr. Hafiza Asma Jawaid	PGMI Lahore	Comparison of remineralization effect of casein phosphopeptide amorphous calcium phosphate and sodium fluoride on enamel surface after orthodontic debonding: An in-vitro study	Prof. Waheed Ul Hamid	Approved
MDS Orthodontics	Dr. Muhammad Nauman Sadiq	PGMI Lahore	Correlation between Blood-serum Insulin-like growth factor-1 levels and Cervical Vertebral Maturation Stages for assessment of Skeletal Maturity	Prof. Waheed Ul Hamid	Approved
MDS Orthodontics	Dr. Naeem Murtaza	PGMI Lahore	Combined effect of nicotine and caffeine on orthodontic tooth movement in rats	Prof. Waheed Ul Hamid	Approved
MDS Orthodontics	Dr. Saima Tabassum	PGMI Lahore	Correlation of serum osteocalcin and alkaline phosphatase with cervical vertebral maturation stages	Prof. Waheed Ul Hamid	Approved
MDS Orthodontics	Dr. Shabbir Hussain	PGMI Lahore	Effect of type-1 diabetes on orthodontic tooth movement under optimal force level in a rat model	Prof. Waheed Ul Hamid	Approved
MDS Orthodontics	Dr. Shadab Haq	PGMI Lahore	Comparative in-vitro analysis of shear bond strength of MIM orthodontic brackets with tooth structure	Prof. Waheed Ul Hamid	Pending
MDS Orthodontics	Dr. Subuhi Ghani	PGMI Lahore	Comparative study for evaluating their shear bond strengths of metal reinforced ceramic and conventional ceramic bracket	Prof. Waheed Ul Hamid	Approved
MDS Prosthodontics	Dr. Muhammad Amir Rafique	PGMI Lahore	Evaluation of resin bonded fixed posterior partial dentures	Prof. Dr. Asif Ali Shah	Approved
MDS Prosthodontics	Dr. Muhammad Haider	PGMI Lahore	In vitro evaluation of dislodgement and fracture resistance of resin bonded fixed partial denture with three preparation designs	Prof. Dr. Asif Ali Shah	Pending
MDS Prosthodontics	Dr. Asmaa Ejaz Khan	PGMI Lahore	In-vitro comparative evaluation of stress distribution in Polyamide and metal Acrylic Distal extension removable partial dentures	Prof. Asif Ali Shah	Pending
MDS Prosthodontics	Dr. Huda Mehmood	PGMI Lahore	Comparative evaluation of marginal accuracy of cad-cam ceramic crowns made by silicone impression and optical scan technique	Dr. Muhammad Aamir Rafique	Approved
MDS Prosthodontics	Dr. Rukhsana Akram	PGMI Lahore	Comparison of masticatory performance and muscular activity in severe tooth wear patients before and after prosthodontic rehabilitation	Dr. Muhammad Waseem Ullah Khan	Approved
MDS Prosthodontics	Dr. Hafiz Muhammad Aamir Riaz	PGMI Lahore	Wear of human enamel against zirconia reinforced lithium silicate and monolithic zirconia after chewing simulation	Dr. Muhammad Waseem Ullah Khan	Approved
MDS Prosthodontics	Dr. Zarish Anjum	PGMI Lahore	Clinical Evaluation of inlay retained fixed partial dentures of peek and monolithic zirconia	Dr. Muhammad Waseem Ullah Khan	Approved
MDS Prosthodontics	Dr. Sara Qureshi	PGMI Lahore	A Comparative analysis of survival rates of anterior cantilever zirconia and metal ceramic resin bonded bridges	Dr. Muhammad Waseem Ullah Khan	Approved
MDS Prosthodontics	Dr. Norina Shamshad	PGMI Lahore	Comparison of periodontal complications in veneered zirconia and poly-ether-ketone fixed partial dentures	Dr. Momina Akran	Approved
MDS Prosthodontics	Dr. Mehreen Rashid	PGMI Lahore	Comparison of two different treatment modalities in the management of myofascial pain dysfunction syndrome	Dr. Momina Akran	Approved
MDS Prosthodontics	Dr. Ramsha Khalid	PGMI Lahore	Impact of occlusal thickness of clinical efficacy of lithium disilicate endocrowns	Dr. Momina Akran	Approved
MDS Prosthodontics	Dr. Muhammad Uzair Tariq	PGMI Lahore	A comparative analysis of microbial adhesion to heat cured acrylic and flexible valplast removable partial dentures	Dr. Muhammad Waseem Ullah Khan	Approved

Degree	Student Name	Institute	Research Title	Supervisor	Report Status
MDS Prosthodontics	Dr. Kaynat Siddique	PGMI Lahore	Periodontal evaluation of conventional horizontal preparation and biologically oriented preparation technique: A comparative study	Dr. Muhammad Waseem Ullah Khan	Approved
MDS Prosthodontics	Dr. Bushra Tariq	PGMI Lahore	Evaluation of lithium disilicate veneers bonded using immediate dentin sealing (IDS) or delayed dentin sealing (DDS) in moderate dental fluorosis	Dr. Momina Akram	Pending
MDS Orthodontics	Dr. Fasila Rashid	PGMI Lahore	Effect of different magnitudes of 12-hour intermittent forces on orthodontic tooth movement and dentin sialoproteins in a rat model	Prof. Waheed-ul-Hamid	Approved
MDS Orthodontics	Dr. Muhammad Azeem	PGMI Lahore	Level of prostaglandin E2 in gingival crevicular fluid during slow maxillary expansion	Prof. Waheed-ul-Hamid	Approved
MDS Orthodontics	Dr. Hafiz Muhammad Zahid Majeed	PGMI Lahore	Serum leptin as biomarker for the assessment of skeletal maturation during circumpubertal growth period	Prof. Waheed-ul-Hamid	Approved

Degree	Student Name	Institute	Research Title	Supervisor	Report Status
MDS Orthodontics	Dr. Rabia Rehman	PGMI Lahore	Effects of micro-osteoperforations on root resorption with continuous and interrupted forces in rats	Prof. Waheed-ul-Hamid	Approved
MDS Orthodontics	Dr. Reem Abid	PGMI Lahore	Effects of honey on orthodontic tooth movement and osteoclastic activity in psychologically stressed rats	Prof. Waheed-ul-Hamid	Approved
MDS Orthodontics	Dr. Afra Ahmed	PGMI Lahore	Effect of caffeine on shear bond strength and adhesive remnant index on extracted human premolars	Prof. Waheed-ul-Hamid	Approved
MDS Orthodontics	Dr. Farah Masood	PGMI Lahore	EMG activity of orbicularis oris and mentalis muscles in brachyfacial and dolichofacial forms on gradational lower lip advancement	Prof. Waheed-ul-Hamid	Approved
MDS Orthodontics	Dr. Sadaf Shaheen	PGMI Lahore	Effect of submucosally administered thyroxine on orthodontic tooth movement in a rat model	Prof. Waheed-ul-Hamid	Pending
MDS Orthodontics	Dr. Zainab Ejaz	PGMI Lahore	Determination of oxidative stress generated by different esthetic coated arch wires: A randomized control trial	Prof. Waheed UI Hamid	Approved
MDS Orthodontics	Dr. Sobia Ashraf	PGMI Lahore	Effect of banana stem sap extract on the rate of orthodontic tooth movement in a rat model	Prof. Waheed UI Hamid	Approved
MDS Orthodontics	Dr. Haroon Iftikhar	PGMI Lahore	Levels of leptin in gingival crevicular fluid during rapid palatal expansion	Prof. Waheed UI Hamid	Pending
MDS Orthodontics	Dr. Maryia Naz Sohl	PGMI Lahore	Role of bioactive glasses in Heliosit on shear bond strength: in vitro study	Prof. Waheed UI Hamid	Approved
MDS Orthodontics	Dr. Sameera Khalil	PGMI Lahore	Comparison of orthodontic tooth movement in 18 to 25 years old patients with and without the administration of injectable leukocyte platelet rich fibrin: A randomized clinical trial	Prof. Waheed UI Hamid	Approved
MDS Orthodontics	Dr. Sameera Shahzad	PGMI Lahore	Effect of transmucosal mucoadhesive tablets of resveratrol on expression of MNP-2 during rapid maxillary expansion in vivo study	Prof. Waheed UI Hamid	Approved
MDS Orthodontics	Dr. Sahar Ilyas	PGMI Lahore	Effect of garlic extract loaded nanoparticles on biofilm formation and shear bond strength of orthodontic adhesive	Prof. Waheed UI Hamid	Approved
MDS Orthodontics	Dr. Ayesha Naveed	PGMI Lahore	Role of SNPs of actn3 and myo1h in the development and growth modification treatment results of skeletal class II malocclusion	Dr. Asmi Shaheen	Approved

Degree	Student Name	Institute	Research Title	Supervisor	Report Status
MDS Orthodontics	Dr. Atiqa Tehseen	PGMI Lahore	Evaluation of the effects of autologous injectable platelet rich plasma on the rate of orthodontic tooth movement during traction of palatally impacted maxillary canines	Dr. Asmi Shaheen	Approved
MDS Orthodontics	Dr. Fatima Saeed	PGMI Lahore	Comparison of antibacterial and mechanical properties of ZnO nanoparticles and moringa oleifera as fillers in orthodontic adhesives in terms of prevention of enamel demineralization in fixed orthodontic therapy-An in-vitro study	Dr. Muhammad Ilyas	Pending
MDS Orthodontics	Dr. Somaya Imran	PGMI Lahore	Comparison of effect of propolis extract and amine stannous fluoride on white spot lesions in orthodontic patients: In vitro study	Prof. Muhammad Waheed-Ul-Hamid	Pending
MDS Orthodontics	Dr. Amna Naveed	PGMI Lahore	Effect of nigella sativa seeds oil on the glycemic control and rate of orthodontic tooth movement in diabetic rats	Prof. Muhammad Waheed-Ul-Hamid,	Pending
MDS Orthodontics	Dr. Muhammad Farhan Aslam	PGMI Lahore	Effect of autologous platelet rich plasma on inflammatory root resorption and inflammatory makers in gingival crevicular fluid during orthodontic tooth movement	Prof. Muhammad Ilyas	Approved