

# REPOSITORY OF RESEARCH SYNOPSES FOR **MDS DEGREE** PRESENTED To **ASRB Of UHS**

Degree	Student Name	Institute	Research Title	Supervisor
MDS Chemistry of Dental Materials	Dr. Uzma Awan	PGMI Lahore	Development of high performance dental amalgam alloy	Prof. Dr. Tariq Zaman
MDS Operative Dentistry	Ammara Tufail	PGMI Lahore	Comparison of effect of unmodified calcium hydroxide and a modified calcium hydroxide mixed with triphala, on human dental pulp when used as direct pulp capping agents	Prof. Sohail Abbas Khan
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
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
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
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
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
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
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	Prof. Sohail Abbas Khan
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
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

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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
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
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
MDS Operative Dentistry	Dr. Naureen Sarwar	PGMI Lahore	The antibacterial effect of propolis on enterococcus faecalis in root canal failure	Prof. Sohail Abbas Khan
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
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
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
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
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
MDS Operative Dentistry	Dr. Shahida Naseem Raee	PGMI Lahore	Comparison of the inflammatory response in human dental pulp using calcium hydroxide, formacresol and Azadiracta indica as pulpotomy medicament	Prof. Sohail Abbas Khan
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
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

Degree	Student Name	Institute	Research Title	Supervisor
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
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
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
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
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
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
MDS Oral & Maxillofacial Surgery	Dr. Muhammad Amjad Bari	PGMI Lahore	Significance of P53 expression in the surgical management of ameloblastoma	Prof. Adnan Ali Shah
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
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
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
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
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

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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
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
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
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
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
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
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
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
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
MDS Orthodontics	Dr. Muhammad Nauman Sadiq	PGMI Lahore	Correlation between Blood-serum Insulin-like growth factor-1 levels and Cervical Vertebral Maturational Stages for assessment of Skeletal Maturity	Prof. Waheed Ul Hamid
MDS Orthodontics	Dr. Naeem Murtaza	PGMI Lahore	Combined effect of nicotine and caffeine on orthodontic tooth movement in rats	Prof. Waheed Ul Hamid
MDS Orthodontics	Dr. Saima Tabassum	PGMI Lahore	Correlation of serum osteocalcin and alkaline phosphatase with cervical vertebral maturation stages	Prof. Waheed Ul Hamid

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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
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
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
MDS Prosthodontics	Dr. Muhammad Amir Rafique	PGMI Lahore	Evaluation of resin bonded fixed posterior partial dentures	Prof. Dr. Asif Ali Shah
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