

# REPOSITORY OF RESEARCH SYNOPSES FOR M.D DEGREE

## PRESENTED To ASRB Of UHS

Degree	Student Name	Institute	Research Title	Supervisor
MD Cardiology	Dr. Abdul Haque	PGMI Lahore	Contrast – induced nephropathy in patients undergoing same day coronary angiography followed by percutaneous coronary intervention versus planned percutaneous coronary intervention	Prof. Nadeem Hayat Mallick
MD Cardiology	Dr. Ajay Raj Upadhyay Paudel	PGMI Lahore	Clinical outcome of acute coronary syndrome patients at one and three months undergoing percutaneous coronary intervention categorized by syntax score	Prof. Nadeem Hayat Mallick
MD Cardiology	Dr. Anjum Zahin	PGMI Lahore	Frequency of hypomagnesaemia in patients with acute coronary syndrome	Prof. Dr. Muhammad Azhar
MD Cardiology	Dr. Anwar-ul-Haq Khan	PGMI Lahore	Left ventricular systolic function assessment on multidetector computed tomography vs echocardiography	Prof. Dr. Muhammad Azhar
MD Cardiology	Dr. Burhan Khawar	PGMI Lahore	Comparison of complications of day case versus non day case discharge after transradial coronary intervention in low risk patients over one month follow-up	Prof. Dr. Muhammad Azhar
MD Cardiology	Dr. Fauzia Khan	PGMI Lahore	Correlation between left main coronary artery stenosis and ST-segment elevation in lead aVR in patients of acute coronary syndrome	Prof. Nadeem Hayat Mallick
MD Cardiology	Dr. Ghulam Abbas	PGMI Lahore	Euroheart score for the evaluation of in hospital mortality in patients undergoing percutaneous coronary intervention and implementation in Punjab Pakistan	Prof. Nadeem Hayat Mallick
MD Cardiology	Dr. Gul Nabi	PGMI Lahore	Direct stenting vs. stenting with distal protection device in percutaneous intervention of saphenous vein grafts	Prof. Dr. Muhammad Azhar
MD Cardiology	Dr. Javed Iqbal	PGMI Lahore	Inhospital outcomes of ST segment elevation acute myocardial infraction in diabetic and non diabetic patients	Prof. Dr. Muhammad Azhar
MD Cardiology	Dr. Jeetendra Kumar Mishra	PGMI Lahore	Outcome following placement of drug-eluting and bare-metal stents for ST segment elevation acute myocardial infarction	Prof. Dr. Muhammad Azhar
MD Cardiology	Dr. Kamran Rashid	PGMI Lahore	Effect of rosuvastatin on left ventricular remodeling in patients with elevated HS-C reactive protein levels after first ST segment elevation myocardial infarction	Prof. Dr. Bilal Zikriya Khan

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MD Cardiology	Dr. Liaqat Ali	PGMI Lahore	Cardiac markers (Troponin-I and CK-MB) after percutaneous coronary intervention (PCI) and their correlation with major adverse cardiovascular events (MACE) during thirty days follow up	Prof. Dr. Muhammad Azhar
MD Cardiology	Dr. M. Ahmad Raza Butt	PGMI Lahore	Comparison of multidetector computed tomographic angiography vs conventional coronary angiography for assessment of coronary artery bypass grafts	Prof. Dr. Muhammad Azhar
MD Cardiology	Dr. Manoj Shrestha	PGMI Lahore	Relationship of carotid artery stenosis as assessed by carotid Doppler ultrasound with coronary artery disease	Dr. Ahmad Noeman
MD Cardiology	Dr. Mubashir Manzoor Alam	PGMI Lahore	Multi detector computed tomographic angiography guided percutaneous coronary intervention of chronic total occlusions	Prof. Dr. Muhammad Azhar
MD Cardiology	Dr. Muhammad Amer Saeed	PGMI Lahore	Validation of TIMI risk score in patients presenting with Unstable Angina/Non-ST elevation Myocardial Infarction	Prof. Dr. Muhammad Azhar
MD Cardiology	Dr. Muhammad Ashraf Dar	PGMI Lahore	Coronary endarterectomy in advanced coronary artery disease : On Year post operative angiographic results	Prof. Dr. Muhammad Azhar
MD Cardiology	Dr. Muhammad Asif	PGMI Lahore	A study of recurrence of rheumatic fever in patients on rheumatic fever prophylaxis	Prof. Dr. Muhammad Azhar
MD Cardiology	Dr. Muhammad Asif Zaman	PGMI Lahore	Role of resting echocardiography in predicting viability on the basis of thickness of infarcted segment; correlation with thallium for viability	Prof. Dr. Muhammad Azhar
MD Cardiology	Dr. Muhammad Bin Safdar	PGMI Lahore	Frequency of bilateral renal artery stenosis in hypertensive patients presenting with flash pulmonary edema	Prof. Dr. Muhammad Azhar
MD Cardiology	Dr. Muhammad Daud	PGMI Lahore	Effect of delayed presentation on outcome of acute inferior wall myocardial infarction	Prof. Nadeem Hayat Mallick
MD Cardiology	Dr. Muhammad Saleem Khan	PGMI Lahore	Outcome of percutaneous coronary intervention in patients receiving prasugel vs clopidogrel	Prof. Dr. Muhammad Azhar
MD Cardiology	Dr. Muhammad Tayyab	PGMI Lahore	Outcome of treatment in patients with moderate coronary artery stenosis based on fractional flow reserve status	Prof. Dr. Muhammad Azhar

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MD Cardiology	Dr. Munir Ahmad Naz	PGMI Lahore	In-hospital outcome of percutaneous transvenous mitral commissurotomy in patients with and without severe pulmonary hypertension	Prof. Nadeem Hayat Mallick
MD Cardiology	Dr. Nazar Murshad	PGMI Lahore	Diagnostic accuracy of dobutamine stress echocardiography vs. 99mtechnetium sestamibi imaging for detection of myocardial viability	Prof. Dr. Muhammad Azhar
MD Cardiology	Dr. Riaz Zulqernain Aslam	PGMI Lahore	Comparison of radial versus femoral approach for percutaneous coronary intervention	Prof. Nadeem Hayat Mallick
MD Cardiology	Dr. Rubab Fatima	PGMI Lahore	Evaluation of ventricular dyssynchrony in patients of chronic heart failure and improvement of left ventricular (LV) function after cardiac resynchronization therapy (CRT)	Prof. Dr. Muhammad Azhar
MD Cardiology	Dr. Rubina Naseer Raja	PGMI Lahore	Determinants of clinical restenosis after coronary-artery stenting with bare metal stents	Prof. Nadeem Hayat Mallick
MD Cardiology	Dr. Shafiq-ur-Rehman Chishti	PGMI Lahore	Prognostic value of heart rate variability after acute myocardial infraction	Prof. Dr. Muhammad Azhar
MD Cardiology	Dr. Shaukat Ali	PGMI Lahore	Correlation between quantitative troponin T level and angiographic findings in unstable angina / non-ST elevation myocardial infraction	Prof. Nadeem Hayat Mallick
MD Cardiology	Dr. Syed Asif Ali	PGMI Lahore	Diagnostic accuracy of multi detector computed angiography Vs conventional coronary angiography for detection of coronary artery disease	Prof. Dr. Muhammad Azhar
MD Cardiology	Dr. Najeeb Ullah Sajid	PGMI Lahore	Enoxaprin (LMWH) versus unfractionated heparin during percutaneous coronary intervention in-hospital course and 30- days followup	Prof. Dr. Muhammad Azhar
MD Cardiology	Dr. Asim Saif	PGMI Lahore	Comparison of angiographic findings in ST-elevation and non-St elevation myocardial infarction in patients aged < 50 years	Dr. Ahmad Noeman
MD Gastroenterology	Dr. Imran Anwer Khan	PGMI Lahore	Association of biabetes mellitus and hapatitis B Virus infection	Prof. Javaid Raza Gardezi
MD Gastroenterology	Dr. Saima Ambreen	RMC Rawalpindi	Correlation of frequency and endoscopic pattern of portal hypertensive changes with liver inflammation and fibrosis in chronic hepatitis c patients	Prof. Muhammad Umar

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MD Gastroenterology	Dr. Zahid Mahmood Minhas	RMC Rawalpindi	Histopathological changes in chronic hepatitis C patients: A five years follow up	Prof. Muhammad Umar
MD Endocrinology	Dr. Asma Batool	PGMI Lahore	Measurement of Insulin Resistance In Type 1 Diabetics	Prof. Dr. Faisal Masud
MD Endocrinology	Dr. Mehwish Asif	PGMI Lahore	Relationship of Insulin Resistance with Non Alcoholic, Fatty Liver Diseases	Prof. Dr. Faisal Masud
MD Dermatology	Dr. Abdul Hameed	PGMI Lahore	Safety and efficacy of long-pulsed ND: YAG laser in idiopathic facial hirsutism	Prof. Dr. Ijaz Hussain
MD Dermatology	Dr. Abdul Rahim Khan	PGMI Lahore	Frequency of sensitivity to European standard series allergens and Parthenium hysterophorus in patients with chronic extensive eczematous eruption	Prof. Dr. Muhammad Jahangir
MD Dermatology	Dr. Alauddin Mian	PGMI Lahore	Comparison of 70% glycolic acid peels with 30% salicylic acid peels in epidermal melasma	Prof. Dr. Ijaz Hussain
MD Dermatology	Dr. Ashba Nasir Cheema	PGMI Lahore	Efficacy and safety of blue light versus topical benzoyl peroxide 4% in mild to moderate acne	Prof. Dr. Muhammad Azam Bokhari
MD Dermatology	Dr. Khadija Rafique Sheikh	PGMI Lahore	To compare the trichoscopic features of alopecia areata of scalp in relation with disease severity, activity, and duration	Prof. Dr. Ijaz Hussain
MD Dermatology	Dr. Khurshid Alam Chohan	PGMI Lahore	Comparison of topical (Lindane and Permethrine) and oral (Ivermectin) treatment of scabies	Prof. Dr. Muhammad Jahangir
MD Dermatology	Dr. Muhammad Riaz Khan	PGMI Lahore	Comparison of efficacy and safety of intralesional chloroquine phosphate versus intralesional meglumine antimoniate in the treatment of cutaneous leishmaniasis	Prof. Dr. Muhammad Jahangir
MD Dermatology	Dr. Muhammad Tahir Waseem	PGMI Lahore	Narrow band Ultra Violet – B monotherapy and narrow band Ultra Violet – B plus needling in the treatment of vitiligo	Prof. Dr. Muhammad Jahangir
MD Dermatology	Dr. Muhammad Wajid	PGMI Lahore	Efficacy and safety of leflunomide vs methotrexate in the treatment of plaque psoriasis	Prof. Dr. Azim Jahangir Khan

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MD Dermatology	Dr. Saima Shahid Khan	PGMI Lahore	Betamethasone oral mini-pulse therapy compared with topical clobetasol propionate (0.05%) in generalized lichen planus	Prof. Dr. Azim Jahangir Khan
MD Dermatology	Dr. Samreen Rafi	PGMI Lahore	Efficacy of topical hydroquinone 2% and oral tranexamic acid 500 mg in melasma	Prof. Dr. Ijaz Hussain
MD Dermatology	Dr. Shafiq-ur-Rehman	PGMI Lahore	Comparison of glycolic acid (40-70%) peel with topical hydroquinone 4% in the treatment of melasma in type IV-V Skin	Prof. Dr. Muhammad Azam Bokhari
MD Dermatology	Dr. Shaiqa Mufti	PGMI Lahore	Association of serum ferritin levels with non-scarring alopecia in women	Prof. Dr. Azim Jahangir Khan
MD Dermatology	Dr. Shams Ud Din	PGMI Lahore	Hydroquinone versus mequinol plus arbutin in epidermal melasma in women 15 – 45 years	Prof. Dr. Azim Jahangir Khan
MD Dermatology	Dr. Uzma Akbar Mirza	PGMI Lahore	Association of dyslipidemia with psoriasis	Prof. Dr. Ijaz Hussain
MD Dermatology	Dr. Waqar Ahmad Khan	PGMI Lahore	Narrow band UVD versus oral psoralen UVA (PUVA) in the treatment of vitiligoa Comparative study	Prof. Dr. Muhammad Azam Bokhari
MD Dermatology	Dr. Zareen Rizwan	PGMI Lahore	Comparison of topical tacrolimus 0.03% with topical methyl prednisolone in facial atopic dermatitis in children	Prof. Dr. Azim Jahangir Khan
MD Internal Medicine	Dr. Abdullah	PGMI Lahore	Relationship between serum ferritin and complications of type 2 diabetes mellitus	Dr. Raffad
MD Internal Medicine	Dr. Deepen Mahrajan	PGMI Lahore	Comparison of left ventricular mass index and QT interval in type II diabetic patients with and without microalbuminuria	Dr. Raffad
MD Internal Medicine	Dr. Hameed ur Rehman	PGMI Lahore	Outcomes of early red blood transfusion in upper acute gastrointestinal bleeding in chronic liver disease as compared to no blood transfusion	Dr. Raffad
MD Internal Medicine	Dr. Hamna Naeem Butt	PGMI Lahore	Comparison of calcitriol on reducing albuminuria in patients of type 2 diabetes mellitus as compared to conventional treatment only	Dr. Imran Hasan Khan

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MD Internal Medicine	Dr. Islam Shah	PGMI Lahore	Association of hypovitaminosis D with ischemic heart disease in patients with type II diabetes mellitus	Prof. Dr. Ghias un Nabi Tayab
MD Internal Medicine	Dr. Jauhar Khan	PGMI Lahore	Effect of persistent hyperglycemia on outcome in patients of acute ischemic stroke	Dr. Raffad
MD Internal Medicine	Dr. Khalid-ur-Rehman	PGMI Lahore	Effect of intravenous albumin on renal impairment and mortality in patient with cirrhosis and spontaneous bacterial peritonitis	Dr. Raffad
MD Internal Medicine	Dr. Muhammad Ayub	PGMI Lahore	Efficacy of pregabalin versus methycobalamin in treating painful diabetic neuropathy	Dr. Muhammad hassan Khan
MD Internal Medicine	Dr. Muhammad Azeem Khan	PGMI Lahore	Risk of recurrent ischemic stroke in patients with different levels of systolic blood pressure and dyslipidemia-A comparative study	Dr. Raffad
MD Internal Medicine	Dr. Muhammad Hamid	PGMI Lahore	Association of Hypomagnesaemia in Obese Patients with Type 2 Diabetes Mellitus	Dr. Tanvir ul Islam
MD Internal Medicine	Dr. Muhammad Sharif Malik	PGMI Lahore	Optimal duration of corticosteroid in acute exacerbation of chronic obstructive pulmonary disease	Dr. Tanvir ul Islam
MD Internal Medicine	Dr. Muhammad Yousaf Shahzad	PGMI Lahore	Comparison of propranolol and carvedilol in the treatment of portal hypertension in cirrhosis	Dr. Tanvir ul Islam
MD Internal Medicine	Dr. Muhammad Yousaf Shahzad	PGMI Lahore	Role of spirometry in the diagnosis of early chronic obstructive pulmonary disease	Dr. Tanvir ul Islam
MD Internal Medicine	Dr. Nasreen Muhammad Saleem	PGMI Lahore	Prediction of varices among patients with cirrhosis using serum-ascites albumin gradient	Dr. Tanvir ul Islam
MD Internal Medicine	Dr. Raja Jawad Ayub Khan	PGMI Lahore	Association between hyperuricemia and coronary artery disease	Prof. Muhammad Shoaib Randhawa
MD Internal Medicine	Dr. Salman Shakeel	PGMI Lahore	Serial changes in spirometry in patients on interferon therapy for HCV treatment	Prof. Dr. Ghias un Nabi Tayab

<b>Degree</b>	<b>Student Name</b>	<b>Institute</b>	<b>Research Title</b>	<b>Supervisor</b>
MD Internal Medicine	Dr. Sheraz Anjum	PGMI Lahore	Lipid profile in acute myocardial infarction	Dr. Tanvir ul Islam
MD Internal Medicine	Dr. Sohaib Akbar	PGMI Lahore	Association of lipoprotein (a) and coronary vascular disease	Dr. Tanvir ul Islam
MD Internal Medicine	Dr. Syed Jaffar Hussain	PGMI Lahore	Frequency of microalbuminuria and retinopathy in newly diagnosed patients of diabetes mellitus	Prof. Dr. Kokab Bashir
MD Internal Medicine	Dr. Tahir Islam Chaudhry	PGMI Lahore	Systolic & diastolic dysfunction in patients of cirrhosis due to hepatitis C on echocardiography	Dr. Raffad
MD Internal Medicine	Dr. Umer Sibtain Fazli	PGMI Lahore	Comparing hypertonic saline with mucolytics in stable bronchiectasis patients	Dr. Tanvir ul Islam
MD Internal Medicine	Dr. Umar Khalil	PGMI Lahore	Change in left ventricular mass index on echocardiography in hypertensive patients with and without diabetes mellitus on candesartan	Dr. Raffad
MD Internal Medicine	Dr. Muhammad Akmal Khan	PGMI Lahore	Role of rectal versus intramuscular diclofenac in prevention of post-ERCP pancreatitis	Dr. Raffad
MD Radiology	Dr. Ahmad Reza Akhavan Sarraf	PGMI Lahore	Diagnostic accuracy of magnetic resonance imaging in intracranial ependymoma	Dr. Tanveer Ahmad
MD Radiology	Dr. Arbindra Shah	PGMI Lahore	Diagnostic accuracy of magnetic resonance angiogram (MRA) for detection of aneurysms of circle of Willis, taking digital subtraction angiogram (DSA) as gold standard	Dr. Abdus Sami Qazi
MD Radiology	Dr. Mohammad Atif	PGMI Lahore	Outcome of intracranial aneurysm coiling in adult patients for six months on computer tomography angiography, follow up	Dr. Shahzad Karim
MD Radiology	Dr. Rashid Hussain Sherazi	PGMI Lahore	Accuracy of magnetic resonance spectroscopy in the diagnosis of brain tumors	Dr. Abdus Sami Qazi
MD Paediatrics	Dr. Fayyaz Ali	PGMI Lahore	Evaluation of Intraventricular Hemorrhage (IVH) in preterm babies by cranial ultrasonography	Prof. Dr. Muhammad Azam Bokhari

<b>Degree</b>	<b>Student Name</b>	<b>Institute</b>	<b>Research Title</b>	<b>Supervisor</b>
MD Paediatrics	Dr. Husnul Hayat	PGMI Lahore	Frequency and clinical manifestation of hypoglycemia in neonates in first 24 hours	Prof. Agha Shabbir Ali
MD Paediatrics	Dr. Muhammad Ashraf	TCHICH Multan	Comparison of efficacy and safety of oral sildenafil and bosentan in the management of persistent pulmonary hypertension in newborns	Dr. Imran Iqbal
MD Paediatrics	Dr. Nadeem Iqbal	TCHICH Multan	Comparison of efficacy and safety of levetiracetam and phenobarbitone in the management of neonatal seizures	Dr. Imran Iqbal
MD Paediatrics	Dr. Rai M. Hammad Arif	PGMI Lahore	Factors associated with haematuria in children in age group of 1 to 14 years"	Prof. Agha Shabbir Ali
MD Paediatrics	Dr. Rizwan Ahmad Khan	PGMI Lahore	Knowledge of clinical case management of integrated management of neonatal and childhood illness (IMNCI) among house officers in teaching hospitals of Lahore	Prof. Muhammad Tariq Bhatti
MD Paediatrics	Dr. Saadia Khan	TCHICH Multan	Comparison of efficacy and safety of injectable levetiracetam and phenytoin as second line drug in the management of generalized status epilepticus in children	Dr. Imran Iqbal
MD Paediatrics	Dr.Saeed Ahmad	PGMI Lahore	Frequency of acute kidney injury in full term neonates with birth asphyxia	Prof. Agha Shabbir Ali
MD Psychiatry	Dr. Iftikhar Ahmed Minhas	PGMI Lahore	Burden and quality of life among caregivers of patients with schizophrenia	Dr. Altaf Qadir Khan
MD Psychiatry	Dr. Muhammad Akram Shaikh	PGMI Lahore	Depression after stroke and its relationship with site of lesion and disability	Dr. Altaf Qadir Khan