

REPOSITORY OF RESEARCH SYNOPSES FOR **M.S** DEGREE PRESENTED To **ASRB** Of **UHS**

| Degree | Student Name | Institute | Research Title | Supervisor |
|-----------------------|--------------------------|------------------|--|----------------------------------|
| MS Paediatric Surgery | Dr .Ghulam Mustafa | PGMI Lahore | Intra-lesional bleomycin in the management of cystic hygroma | Prof. Dr. Muhammad Afzal Sheikh |
| MS Paediatric Surgery | Dr. Asif Iqbal | SIMS Lahore | Comparison of local infiltration of Bupivacaine and Tramadol in post-operative pain management in children after inguinal herniotomy | Prof. Dr. Sajid Hameed Dar |
| MS Paediatric Surgery | Dr. Binod Kumar Rai | PGMI Lahore | Comparison of primary transanal endorectal pull-through with two-stage procedure in patients with Hirschsprung's disease | Prof. Dr. Muhammad Saleem |
| MS Paediatric Surgery | Dr. Ejaz Ahmed | PGMI Lahore | Evaluation of efficacy of preoperativ chemotherapy in the surgical management of wilms tumor compared with standard NWTSG management | Prof. Dr. Muhammad Tahir |
| MS Paediatric Surgery | Dr. Faiza Sahar | TCHICH Multan | Use of JJ stent in Anderson Hynes dismembered pyeloplasty in children with congenital ureteropelvic junction obstruction | Prof. Dr. Mukhtar Hussain Bhatti |
| MS Paediatric Surgery | Dr. Feroz Alam Khan | SIMS Lahore | Efficacy of oral propranolol in the management of infantile hemangiomas | Prof. Dr. Sajid Hameed Dar |
| MS Paediatric Surgery | Dr. Kanchan Kayastha | PGMI Lahore | Evaluation of 15% hypertonic saline as sclerosing agent in the management of idiopathic rectal prolapse in infants and children | Prof. Dr. Muhammad Afzal Sheikh |
| MS Paediatric Surgery | Dr. Lubna Ijaz | PGMI Lahore | Histological changes in liver tissue according to age in patients of choledochal cyst | Prof. Dr. Muhammad Afzal Sheikh |
| MS Paediatric Surgery | Dr. Muhammad Abdullah | PGMI Lahore | Predictive accuracy of pediatric trauma score to predict in hospital outcome Children's Hospital, Lahore | Prof. Dr. Muhammad Saleem |
| MS Paediatric Surgery | Dr. Muhammad Ahsan Raza | PGMI Lahore | Comparative study of two treatment modalities of hypospadias: tubularized incised plate urethroplasty vs Mathieu's repair | Prof. Dr. Muhammad Tahir |
| MS Paediatric Surgery | Dr. Muhammad Bilal Mirza | PGMI Lahore | Incidence of leak in interrupted single layer extra-mucosal suture intestinal anastomosis in paediatric age group | Prof. Dr. Muhammad Afzal Sheikh |

| Degree | Student Name | Institute | Research Title | Supervisor |
|-----------------------|--------------------------|---------------|--|------------------------------|
| MS Paediatric Surgery | Dr. Muhammad Imran Aslam | PGMI Lahore | Parenteral Vs enteral vancomycin in the management of post-operative enterocolitis in patients of Hirschsprung's disease | Prof. Dr. Muhammad Saleem |
| MS Paediatric Surgery | Dr. Saif ur Rasool | TCHICH Multan | Surgical site infection in inguinal herniotomy without use of antibiotics in paediatric age group | Dr. Mukhtar Ahmad |
| MS Paediatric Surgery | Dr. Tariq Latif Azhar | TCHICH Multan | Role of human chorionic gonadotrophin in the management of undescended testes | Dr. Mukhtar Ahmad |
| MS General Surgery | Dr. Aamer ud Din | PGMI Lahore | Bascom's operation versus Karydakis operation in the management of Chronic Pilonidal sinus | Dr. Muhammad Iqbal |
| MS General Surgery | Dr. Abdul Hadi | PGMI Lahore | A Comparative study of topical nitroglycerin versus lateral sphincterotomy in the management of idiopathic chronic anal fissure | Prof. Dr. Khalid Masood |
| MS General Surgery | Dr. Abdul Latif | PGMI Lahore | Role of fine needle aspiration cytology in palpable abdominal mass | Prof. Dr. Abdul Mannan Babar |
| MS General Surgery | Dr. Abdul Nasir | PGMI Lahore | Botulinum Toxin versus lateral internal sphincterotomy in management of chronic anal fissure | Dr. Muhammad Iqbal |
| MS General Surgery | Dr. Adnan Sadiq Butt | PGMI Lahore | Comparison of open haemorrhoidectomy with and without lateral internal sphincterotomy | Prof. Dr. Afsar Ali Bhatti |
| MS General Surgery | Dr. Ahmad Naeem Akhtar | PGMI Lahore | Comparative study between Desarda's repair versus Lichtenstein repair in inguinal hernia | Prof. Dr. Anwar Ul Haq |
| MS General Surgery | Dr. Ahmad Raza Naumani | PGMI Lahore | Comparative study of laparoscopic (TEP) versus open Lichtenstein inguinal hernia repair in terms of early postoperative outcomes | Prof. Dr. Syed Asghar Naqi |
| MS General Surgery | Dr. Akbar Shah | PGMI Lahore | Comparison of recurrence rate in pilonidal sinus Operated with Karydakis Technique and open excision | Dr. Asad Ullah Malik |
| MS General Surgery | Dr. Ali Haider | PGMI Lahore | Stapled versus closed haemorrhoidectomy in the treatment of 3rd & 4th degree haemorrhoids | Dr. Muhammad Iqbal |

| Degree | Student Name | Institute | Research Title | Supervisor |
|--------------------|-------------------------|-------------|---|---------------------------------|
| MS General Surgery | Dr. Amin Ullah | PGMI Lahore | Palliative role of hepaticogastrostomy in advanced carcinoma gallbladder | Dr. Asad Ullah Malik |
| MS General Surgery | Dr. Anwar Zeb Khan | PGMI Lahore | Primary closure versus T-Tube placement after CBD exploration in the management of Choledocholithiasis | Prof. Dr. Anwar Ul Haq |
| MS General Surgery | Dr. Arshad Mahmood Khan | PGMI Lahore | Same admission colostomy closure | Prof. Dr. Abdul Ahad |
| MS General Surgery | Dr. Ashif Ansari | PGMI Lahore | Evaluation and role of sentinel lymph node biopsy using methylene blue dye in the management plan of breast cancer | Dr. Muhammad Iqbal |
| MS General Surgery | Dr. Baber Usman | PGMI Lahore | Diagnostic accuracy of C-reactive protein levels in the detection of acute Appendicitis | Prof. Dr. Anwar Ul Haq |
| MS General Surgery | Dr. Bijay Bikram Bam | PGMI Lahore | Comparativestudy of continuous versus interrupted X type abdominal fascial closure in reference to burst abdomen | Prof. Dr. Sikandar Hayat Gondal |
| MS General Surgery | Dr. Bilal Ahmad Malik | PGMI Lahore | Cost effective analysis between open appendicetomy and laparoscopic appendicetomy | Prof. Dr. Khalid Masood |
| MS General Surgery | Dr. Dawood Shah | PGMI Lahore | Stapled haemorrhoidectomy vs open haemorrhoidectomy | Dr. Asad Ullah Malik |
| MS General Surgery | Dr. Farhan Malik | PGMI Lahore | Outcome of sublay and onlay mesh repair for paraumbilical hernias | Dr. Asad Ullah Malik |
| MS General Surgery | Dr. Farrukh Hameed | PGMI Lahore | Comparative study of rubber band ligation and injection sclerotherapy in early hemorrhoids | Dr. Asad Ullah Malik |
| MS General Surgery | Dr. Farrukh Javaid | PGMI Lahore | A comparative study of open versus laparoscopic repair of duodenal ulcer perforation | Dr. Muhammad Iqbal |
| MS General Surgery | Dr. Ghulam Faqir | PGMI Lahore | A comparative study of modified alvarado score versus routine clinical assessment in the management of acute appendicitis | Dr. Asad Ullah Malik |

| Degree | Student Name | Institute | Research Title | Supervisor |
|--------------------|----------------------------|----------------|--|-------------------------------|
| MS General Surgery | Dr. Ghulam Serwar Cheema | PGMI Lahore | Correlation of clinical diagnosis with laparoscopic diagnosis in females with non-gynecological lower abdominal pain | Dr. Asad Ullah Malik |
| MS General Surgery | Dr. Guled Ahmed | PGMI Lahore | A comparative study of laparoscopic cholecystectomy versus open cholecystectomy for the management of acute cholecystitis in our setup | Dr. Muhammad Iqbal |
| MS General Surgery | Dr. Hafiz Muhammad Nadeem | PMC Faisalabad | Darning vs bassini peparir for inguinal hernia, a prospective comparative study | Prof. Dr. Abdul Ghaffar Rehan |
| MS General Surgery | Dr. Inayat Hussain Anjum | PGMI Lahore | Comparative study between sutureless sublay verses onlay mesh hernioplasty in incisional hernia | Prof. Dr. Anwar Ul Haq |
| MS General Surgery | Dr. Javed Ahmed | PGMI Lahore | Comparison of outcome of Limberg flap versus Karydakias flap procedure in the treatment of pilonidal sinus disease | Prof. Dr. Syed Asghar Naqi |
| MS General Surgery | Dr. Khayyam Hafeez | PGMI Lahore | Artery bypass grafting in patients with low left ventricular ejection fraction | Prof. Dr. Abdul Waheed |
| MS General Surgery | Dr. Liaquat Ali | PMC Faisalabad | Frequency of wound dehiscence after laparotomy in allied hospital Faisalabad | Prof. Dr. Abdul Ghaffar Rehan |
| MS General Surgery | Dr. Mehvash Sikandar | PGMI Lahore | Mediastinal complications of transhiatal oesophagectomy for benign corrosive stricture of oesophagus | Prof. Abdul Majeed Chaudhry |
| MS General Surgery | Dr. Mohsin Rasheed | PGMI Lahore | Comparitive study between end to end anastomosis with proximal colostomy and without proximal colostomy in colonic injuries | Prof. Dr. Anwar Ul Haq |
| MS General Surgery | Dr. Muhammad Afzal Shakeel | PGMI Lahore | A comparative study of preperitoneal versus darning repair for inguinal bernias | Dr. Asad Ullah Malik |
| MS General Surgery | Dr. Muhammad Ahsan Ashraf | PGMI Lahore | Comparison of outcome of patients with adhesive small bowel obstruction managed with or without Gastrografin | Prof. Dr. Syed Asghar Naqi |
| MS General Surgery | Dr. Muhammad Nasir Bashir | PGMI Lahore | Comparison of validity of injury severity score (ISS) & a severity characterization of trauma (ASCOT) in prediction of mortality in blunt trauma | Prof. Dr. Syed Asghar Naqi |

| Degree | Student Name | Institute | Research Title | Supervisor |
|--------------------|----------------------------|----------------|---|---------------------------------|
| MS General Surgery | Dr. Muhammad Tahir Jamil | PGMI Lahore | A comparative study of laproscopic versus open high ligation of varicocele | Dr. Muhammad Iqbal |
| MS General Surgery | Dr. Mumtaz Ali | PGMI Lahore | Comparison of harmonic scalpel versus conventional hemostasis in thyroid surgery in terms of per-operative and postoperative outcome | Prof. Dr. Syed Asghar Qazi |
| MS General Surgery | Dr. Rafique Ahmed | PGMI Lahore | Comparison of fine needle aspiration cytology versus open biopsy for chronic cervical lymphadenopathy | Prof. Dr. Abdul Mannan Babar |
| MS General Surgery | Dr. Riaz Ahmad | PGMI Lahore | A study of pattern & management of blunt & penetrating abnormal trauma | Prof. Dr. Abdul Ahad |
| MS General Surgery | Dr. Shafqatullah | PGMI Lahore | A comparative study of single layer (Extra mucosal interrupted suture) Vs. double layer (Conventional Method) anastomosis of small intestine | Dr. Muhammad Iqbal |
| MS General Surgery | Dr. Shahzad Naveed Jawaid | PGMI Lahore | Comparative study between sublay mesh hernioplasty versus onlay mesh hernioplasty in para umbilical hernia | Prof. Dr. Anwar Ul Haq |
| MS General Surgery | Dr. Sultan Mahmood Khan | PMC Faisalabad | Role of laparoscopy in the management of impalpable testis | Dr. Safdar Hassan Javed Sial |
| MS General Surgery | Dr. Umair Bin Nasir | PGMI Lahore | Comparison of needle aspiration versus surgical drainage in the management of patients with breast abscess | Prof. Dr. Muhammad Zahid |
| MS General Surgery | Dr. Waqas Ahmed | PGMI Lahore | Comparative study between suture less mesh placement versus stapled mesh fixation in total extra peritoneal laparoscopic inguinal hernia repair | Prof. Dr. Anwar Ul Haq |
| MS General Surgery | Dr. Zia-Ur-Rehman | PGMI Lahore | Comparison of efficacy of ethanolamine versus phenol for injection sclerotherapy for first and second degree haemorrhoids | Prof. Dr. Abdul Mannan Babar |
| MS General Surgery | Muhammad Anwar ul Haq Khan | PGMI Lahore | A comparison of APACHE-II and APACHE-IV scoring systems in predicting outcome in patients with perforative peritonitis admitted to surgical ICU | Prof. Dr. Syed Asghar Naqi |
| MS General Surgery | Dr. Mohammad Amin | PGMI Lahore | Comparative study of open mesh plug repair versus lichtenstein tension free mesh hernioplasty | Prof. Dr. Sikandar Hayat Gondal |

| Degree | Student Name | Institute | Research Title | Supervisor |
|-----------------|-----------------------------|-------------|---|--------------------------------|
| MS Neurosurgery | Dr. Abasin | PGMI Lahore | Comparison of extent of resection of pituitary tumor with endoscopic and microscopic trans-nasal trans-sphenoidal approach | Prof. Khalid Mahmood |
| MS Neurosurgery | Dr. Abid Ullah Khattak | PGMI Lahore | Role of laminoplasty in multilevel degenerative cervical diseases” | Prof. Tariq Salah Ud Din |
| MS Neurosurgery | Dr. Ahmad Obaid | PGMI Lahore | Compound depressed skull fracture: frequency of infection in early vs. late surgery in relation to occurrence | Prof. Dr. Anjum Habib Vohra |
| MS Neurosurgery | Dr. Amir Ayub | PGMI Lahore | Micro-Vascular decompression for trigeminal neuralgia; operative anatomical finding and outcome | Prof. Dr. Nazir Ahmad |
| MS Neurosurgery | Dr. Asif Iqbal Rana | PGMI Lahore | Anterior communicating artery aneurysm surgical outcome of clipping in good grades | Prof. Dr. Nazir Ahmad |
| MS Neurosurgery | Dr. Asma | PGMI Lahore | Role of endoscopic third ventriculostomy in congenital obstructive hydrocephalus | Prof. Dr. Nazir Ahmad |
| MS Neurosurgery | Dr. Azam Niaz | PGMI Lahore | Clinical Presentation, Management and Outcome of Acute Subdural Haematoma | Prof. Dr. Nazir Ahmad |
| MS Neurosurgery | Dr. Bashir Ahmad | NMC Multan | Comparison of recurrence of superficial brain abscess after burr hole aspiration versus surgical excision | Prof. Dr. Muhammad Azhar Javed |
| MS Neurosurgery | Dr. Bashir Ahmed | NMC Multan | Comparison of recurrence of superficial brain abscess after burr hole aspiration versus surgical excision | Prof. Tariq Salah Ud Din |
| MS Neurosurgery | Dr. Bikramaditya Prasad Sah | PGMI Lahore | Comparison of endoscopic versus microscopic transsphenoidal pituitary adenoma surgery | Prof. Dr. Shazad Shams |
| MS Neurosurgery | Dr. Faisal Feroze Rana | SIMS Lahore | Comparative study of treatment of chronic subdural hematoma by continuous tube drainage versus one time drainage with burr hole craniostomy | Prof. Dr. Rizwan Masood Butt |
| MS Neurosurgery | Dr. Farrukh Raza | PGMI Lahore | Role of titanium mesh cage on thoracic and thoraco-lumbar inter-body fusion | Prof. Dr. Nazir Ahmad |

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|-----------------|-----------------------|-------------|--|-----------------------------------|
| MS Neurosurgery | Dr. Fazal Khaliq | PGMI Lahore | Outcome of endoscopic discectomy for unilateral lumbar disc herniation | Prof. Dr. Anjum Habib Vohra |
| MS Neurosurgery | Dr. Firoj Afjal | PGMI Lahore | Outcome comparison of lumbar microdiscectomy vs conventional discectomy | Prof. Tariq Salah Ud Din |
| MS Neurosurgery | Dr. Ghulam Younus | PGMI Lahore | Extradural hematoma surgical management and outcome | Dr. Naveed Ashraf |
| MS Neurosurgery | Dr. Hafiz Jawad Ali | PGMI Lahore | Outcome comparison of endoscopic third ventriculostomy vs VP shunt in obstructive hydrocephalus | Prof. Tariq Salah Ud Din |
| MS Neurosurgery | Dr. Ijaz Mehmood | PGMI Lahore | Outcome of management of superficial dural sinus injury | Prof. Tariq Salah Ud Din |
| MS Neurosurgery | Dr. Imran Altaf | PGMI Lahore | Angiogram negative spontaneous subarachnoid hemorrhage; the value of repeat angiography | Prof. Dr. Nazir Ahmad |
| MS Neurosurgery | Dr. Irfan Khan | PGMI Lahore | Outcome of surgery in sellar and suprasellar tumors using subfrontal approach | Prof. Dr. Nazir Ahmad |
| MS Neurosurgery | Dr. Ishfaque Ahmed | PGMI Lahore | Outcome comparison of endoscopic (endonasal trans-sphenoidal) repair of CSF leak vs. transcranial approach | Prof. Tariq Salah Ud Din |
| MS Neurosurgery | Dr. Javed Anjum | PGMI Lahore | Surgical outcome of trigeminal neuralgia-microvascular decompression Vs radiofrequency thermocoagulation | Prof. Dr. Anjum Habib Vohra |
| MS Neurosurgery | Dr. Madhav Prasad Deo | PGMI Lahore | Outcome of anterior fixation in lower cervical spine injuries | Prof. Dr. Muhammad Anwar Chaudary |
| MS Neurosurgery | Dr. Mahmood Ahmad | NMC Multan | Role of drain in chronic subdural heamatoma surgery | Prof. Dr. Muhammad Azhar Javed |
| MS Neurosurgery | Dr. Md Safroz Ansari | PGMI Lahore | Outcome of endoscopic endonsal repair of cerebrospinal fluid rhinorrhea with and without lumbar drain | Prof. Dr. Shazad Shams |

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| MS Neurosurgery | Dr. Mohammad Ayaz Khan | PGMI Lahore | Outcome of solitary cerebral contusion in adults by conservative vs surgical management | Prof. Dr. Anjum Habib Vohra |
| MS Neurosurgery | Dr. Mudassar Riaz | PGMI Lahore | Spontaneous supratentorial intracerebral hemorrhage (SICH); Surgical management and outcome | Prof. Dr. Nazir Ahmad |
| MS Neurosurgery | Dr. Muhammad Akmal | PGMI Lahore | Histopathological findings of stereotactic biopsy in supratentorial lesions | Prof. Dr. Nazir Ahmad |
| MS Neurosurgery | Dr. Muhammad Farid Khan | PGMI Lahore | The outcome of surgical management Vs conservative management in unstable thoraco lumbar junction fractures | Prof. Dr. Anjum Habib Vohra |
| MS Neurosurgery | Dr. Muhammad Hammad Nasir | PGMI Lahore | Role of titanium cage with bone graft in anterior lumbar interbody fusion | Prof. Dr. Nazir Ahmad |
| MS Neurosurgery | Dr. Muhammad Imran | PGMI Lahore | Titanium mesh cage & dynamic compression plates in anterior spinal fixation in dorsolumbar tuberculosis as compared to transpedicular fixation | Prof. Tariq Salah Ud Din |
| MS Neurosurgery | Dr. Muhammad Irfan | PGMI Lahore | Post operative visual improvement in pituitary lesions after transphenoidal surgery | Prof. Tariq Salah Ud Din |
| MS Neurosurgery | Dr. Muhammad Irfan Yousaf | PGMI Lahore | Visual improvement and complications after Lumboperitoneal shunt for idiopathic intracranial hypertension | Prof. Tariq Salah Ud Din |
| MS Neurosurgery | Dr. Muhammad Qais | PGMI Lahore | Complications of ventriculoperitoneal shunt in congenital and post tuberculous meningitis hydrocephalus among the paediatric population | Prof. Tariq Salah Ud Din |
| MS Neurosurgery | Dr. Muhammad Saleem | PGMI Lahore | Comparison of outcome of lumbar drain in the management of post-traumatic Vs iatrogenic fistula | Prof. Dr. Anjum Habib Vohra |
| MS Neurosurgery | Dr. Muhammad Shakir | PGMI Lahore | Outcome and complications in clipping of anterior circulation aneurysms | Prof. Dr. Nazir Ahmad |
| MS Neurosurgery | Dr. Muhammad Tahir Nouman | NMC Multan | Postoperative spinal wound infection and post procedural discitis after laminectomy versus Hemilaminectomy and discectomy in lumbar intervertebral disc prolapse | Prof. Dr. Muhammad Azhar Javed |

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|-----------------|-------------------------|-------------|---|-----------------------------------|
| MS Neurosurgery | Dr. Muhammad Zakaria | PGMI Lahore | Outcome of endoscopic intervention for ventricular tumors | Prof. Tariq Salah Ud Din |
| MS Neurosurgery | Dr. Omair Afzal Ali | PGMI Lahore | Comparison of role of stereotactic subthalamotomy and pallidotomy in relieving Parkinsonian rigidity | Prof. Khalid Mahmood |
| MS Neurosurgery | Dr. Sajjad Hussain Awan | PGMI Lahore | Comparative study of plating and cage fixation in lower cervical trauma | Prof. Dr. Nazir Ahmad |
| MS Neurosurgery | Dr. Salman Yunas | PGMI Lahore | Outcome of burrhole evacuation of chronic subdural haematomas based on Glasgow coma scale | Prof. Tariq Salah Ud Din |
| MS Neurosurgery | Dr. Sameer Aryal | PGMI Lahore | Comparison of outcome of intracranial aneurysm surgery with and without proximal temporary clipping | Prof. Dr. Muhammad Anwar Chaudary |
| MS Neurosurgery | Dr. Sarfraz Ahmad | PGMI Lahore | Complications of Lower Lumbar Disk Prolapse Surgery | Prof. Dr. Taifur ul Islam Gilani |
| MS Neurosurgery | Dr. Sarfraz Khan | PGMI Lahore | Clinical features, MRI findings, culture and sensitivity of brain abscess | Prof. Tariq Salah Ud Din |
| MS Neurosurgery | Dr. Sayed Shah | PGMI Lahore | Failed back surgery syndrome; factors responsible & management | Prof. Dr. Nazir Ahmad |
| MS Neurosurgery | Dr. Shahid Mehmood | PGMI Lahore | Outcome of two treatment regimens in the management of intracranial fungal granuloma | Prof. Tariq Salah Ud Din |
| MS Neurosurgery | Dr. Shahid Pervaiz | PGMI Lahore | Anterior cervical decompression and fixation with bone graft placement in lower cervical spine trauma cases | Prof. Tariq Salah Ud Din |
| MS Neurosurgery | Dr. Sikandar Ali | PGMI Lahore | Supratentorial benign convexity meningiomas, surgical management and outcome | Prof. Dr. Nazir Ahmad |
| MS Neurosurgery | Dr. Somraj Lamichhane | PGMI Lahore | Comparison of stereotactic subthalamotomy and VIM thalamotomy in relieving Parkinsonian tremor | Prof. Dr. Khalid Mahmood |

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|------------------|---------------------------------|-------------|---|--------------------------------|
| MS Neurosurgery | Dr. Sujat Dahal | PGMI Lahore | Outcome of minimally invasive microendoscopic discectomy versus conventional open discectomy for the treatment of symptomatic lumbar disc herniation | Prof. Khalid Mahmood |
| MS Neurosurgery | Dr. Sumira Kiran | PGMI Lahore | Comparison of neurosurgical clipping versus endovascular coiling for the management of patients with ruptured anterior communicating artery aneurysms | Prof. Dr. Anjum Habib Vohra |
| MS Neurosurgery | Dr. Syed Salman Raza Jaafery | PGMI Lahore | Role of anterior discectomy and fusion with stabilization in the management of cervical disc disease - a study of 30 cases | Prof. Tariq Salah Ud Din |
| MS Neurosurgery | Dr. Syed Shahid Mahmood Bukhari | NMC Multan | Comparison of management of chronic subdural hematoma by neuroendoscopic assisted surgery vs conventional burr hole evacuation | Prof. Dr. Muhammad Azhar Javed |
| MS Neurosurgery | Dr. Yasir ud Din Hoti | PGMI Lahore | The role of early decompressive craniotomy versus conservative management in traumatic brain injury | Prof. Tariq Salah Ud Din |
| MS Ophthalmology | Dr. Fahad kamal Akhtar | PGMI Lahore | Comparison of polyvinyl siloxane gel and spherical polymethylmethacrylate implant in evisceration: A randomized control trial | Prof. Dr. Nadeem Ud Din Riaz |
| MS Ophthalmology | Dr. M. Naeem Anwar | PGMI Lahore | Intravitreal triamcinolone acetonide in macular oedema | Prof. Dr. Muhammad Tayyib |
| MS Ophthalmology | Dr. Muhammad Javed Iqbal | PGMI Lahore | Visual rehabilitation of patients after trans scleral fixation of the intraocular lens implant using two different techniques: Modified abexterno technique & abinterno technique | Prof. Dr. Muhammad Tayyib |
| MS Ophthalmology | Dr. Muhammad Sadiq | PGMI Lahore | Risk factors for failure of trabeculectomies | Prof. Zia ud Din Ahmad |
| MS Ophthalmology | Dr. Sajjad Mohammad | PGMI Lahore | A comparative analysis of cataract surgery with posterior chamber intraocular lens implantation with and without anterior vitrectomy in children | Prof. Nadeem Riaz |
| MS Obs & Gynae | Dr. Anees Fatima | PGMI Lahore | Risk Factors routine (especially rouinte vs selective episiotomy) for severe perineal lacerations during vaginal delivery | Prof. Dr. Muhammad Aslam Khan |
| MS Obs & Gynae | Dr. Faiza Malik | PGMI Lahore | Frequency of beta thalassemia trait in anaemic primigravidas | Prof. Aisha Malik |

| Degree | Student Name | Institute | Research Title | Supervisor |
|----------------|----------------------------|-------------|---|----------------------------------|
| MS Obs & Gynae | Dr. Humaira Akram | PGMI Lahore | Comparison of maternal and fetal complications between teenage pregnancies and pregnancies of the age of 20-26 years | Prof. Dr. Muhammad Tayyib |
| MS Obs & Gynae | Dr. Kausar Ikram | PGMI Lahore | Effect of Pre-Treatment Folic Acid Level in Termination of Tubal Pregnancy with Single IM Dose of Methotrexate | Dr. Saqib Siddique |
| MS Obs & Gynae | Dr. Naeema Yasmin | PGMI Lahore | Comparison of sublingual versus vaginal misoprostol for termination of pregnancy in second trimester fetal demise | Prof. Sohail Abbas Khan |
| MS Obs & Gynae | Dr. Noshaba Aslam | PGMI Lahore | Diversity of antisperm antibodies & their binding sites on sperm surface causing abnormal semen parameters & sperm function tests | Prof. Dr. Arif Tajammul |
| MS Obs & Gynae | Dr. Nyla Kehkashan Munawar | PGMI Lahore | Comparative analysis of clinically diagnosed adnexal masses by ultrasonography surgery and histopathology | Prof. Dr. Rubina Sohail |
| MS Obs & Gynae | Dr. Qurrat-ul-Ain-Akram | PGMI Lahore | Ultrasonic guided injection sclerotherapy of benign ovarian cyst: methotrexate Vs tetracycline | Prof. Aisha Malik |
| MS Obs & Gynae | Dr. Safdar Iqbal | PGMI Lahore | Diagnostic accuracy of β -hCG & nitrazine paper test In vaginal washings taking amniotic fluid pooling as gold standard of diagnosing Premature rupture of membranes | Prof. Dr. Muhammad Aslam Khan |
| MS Obs & Gynae | Dr. Saima Shafqat | PGMI Lahore | Complications in women presenting at obstetrical emergency of Lahore General Hospital after induced abortion | Prof. Dr. Muhammad Arshad Chohan |
| MS Obs & Gynae | Dr. Surraya Batul | PGMI Lahore | Diagnostic Accuracy of 50 grams Glucose challenge test for the screening of the gestational diabetes mellitus using 75 gram oral glucose tolerance test (OGTT) as gold standard | Prof. Aisha Malik |
| MS Obs & Gynae | Dr. Tarannum Khatun | PGMI Lahore | Fetl Outcome in patients managed by indomethacin in polyhyframinos in the absence of comgental anomalies | Prof. Dr. Arif Tajammul |
| MS Obs & Gynae | Dr. Uzma Akram | PGMI Lahore | Postpartum depression in primipara operative Vs vaginal delivery | Prof. Aisha Malik |
| MS Obs & Gynae | Dr. Zaeema Nasreen Akhtar | AIMC Lahore | Cervical cancer screening and human papillomavirus type distribution among high grade cervical intra epithelial neoplasia patients in Lahore | Prof. Dr. Amatullah Zareen |

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| MS Obs & Gynae | Dr. Zahida Parveen | PGMI Lahore | Role of Metformin in Increasing Fertility Rate in Polycystic Ovarian Syndrome (PCOS) Case Along With Clomiphene Citrate | Prof. Dr. Rehana Mahmood Malik |
| MS Urology | Dr. Adil Inam | PGMI Lahore | Sonography and computed tomography imaging versus pre operative staging of tumour | Prof. Dr. Muhammad Aslam Khan |
| MS Urology | Dr. Aijaz Hussain | PGMI Lahore | Diagnostic accuracy of exfoliative cytology of fresh voided urine and bladder washing in diagnosis of urothelial neoplasms | Prof. Dr. Ahmad Salman Waris |
| MS Urology | Dr. Aminullah | PGMI Lahore | Comparison between percutaneous nephrolithotomy and extracorporeal shockwave lithotripsy | Prof. Dr. Ahmad Salman Waris |
| MS Urology | Dr. Amit Kumar Shah | PGMI Lahore | Outcome of everted end-to-end urethroplasty in traumatic bulbar and membranous urethra | Prof. Dr. Ahmad Salman Waris |
| MS Urology | Dr. Asad Ali | PGMI Lahore | Efficacy of the combination of behavioural and drug therapy in management of overactive bladder | Prof. Dr. Nazir Ahmad |
| MS Urology | Dr. Ashfaq Ahmad | PGMI Lahore | Efficacy of pneumatic lithoclast in the management of urgeteric stone: the comparative study between lower,middle and upper ureteric stone | Prof. Dr. Muhammad Saleem Akhtar |
| MS Urology | Dr. Athar Hameed Sheikh | PGMI Lahore | Non-contrast helical computed tomography in predicting urinary calculi fragility and its role in the outcome of extra-corporeal shock wave lithotripsy | Prof. Dr. Sajjad Hussain |
| MS Urology | Dr. Attiq-ur-Rehman Khan | PGMI Lahore | Comparison between the efficacy of extracorporeal shock wave lithotripsy (ESWL) and pneumatic lithotripsy for upper ureteric calculi | Prof. Dr. Sajjad Hussain |
| MS Urology | Dr. Dipesh Shrestha | PGMI Lahore | Comparison of bladder and buccal mucosal graft urethroplasty in anterior urethral stricture | Prof. Dr. Ahmad Salman Waris |
| MS Urology | Dr. Faisal Masoud | PGMI Lahore | Comparison of vesicovaginal fistula repair with omental transposition versus perivesical fat emplacement” | Prof. Dr. Ahmad Salman Waris |
| MS Urology | Dr. Farooq Malik | PGMI Lahore | Comparison of Holmium Laser Enucleation of Prostate with Transurethral Resection of Prostate in Patients of Benign Prostate Hyperplasia | Prof. Dr. Ahmad Salman Waris |

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|------------|---------------------------|-------------|--|----------------------------------|
| MS Urology | Dr. Fiaz Ahmed Tuqeer | PGMI Lahore | Comparison of ultrasonic & pneumatic lithotripsy for the management of lower ureteric calculi: A randomized clinical trial | Prof. Dr. Safdar Ali Shah |
| MS Urology | Dr. Ghulam Murtaza Hiraj | PGMI Lahore | Comparison of laparoscopic versus open nephrectomy for benign renal diseases | Prof. Dr. Sajjad Hussain |
| MS Urology | Dr. Iftikhar Ahmed | SIMS Lahore | Exploration of infundibulopelvic angle as a predictive factor for stone clearance in lower calyceal calculi treated with extracorporeal shock wave lithotripsy | Prof. Riaz Ahmad Tasneem |
| MS Urology | Dr. Ijaz ur Rehman | PGMI Lahore | Comparison of Duckett's with Koyanagi's urethroplasty in management of anterior hypospadias with chordee in boys age 2 years and above | Prof. Dr. Ahmad Salman Waris |
| MS Urology | Dr. Kamran Hassan Bhatti | SIMS Lahore | To Compare use of intravesical bacillus calmatte gurein and mitomycin C in the management of superficial bladder cancer | Dr. Muhammad Nawaz |
| MS Urology | Dr. Kamran Zaidi | PGMI Lahore | A comparative analysis of sextant and extended systematic 5-region transrectal ultrasound guided prostate biopsy | Prof. Dr. Sajjad Hussain |
| MS Urology | Dr. Kashif Ikram | PGMI Lahore | Comparative study of Mathieu and Snodgrass repair for distal hypospadias in boys age 2 to 16 years | Prof. Dr. Ahmad Salman Waris |
| MS Urology | Dr. Khalid Hussain | PGMI Lahore | Co-relation between Resistive Index (R.I.) and Glomerular Filtration Rate (GFR) in diabetic and hypertensive nephropathy | Prof. Dr. Muhammad Saleem Akhtar |
| MS Urology | Dr. Khalid Khan | PGMI Lahore | A comparative study of extracorporeal shock wave lithotripsy and pneumatic lithotripsy in the treatment of lower ureteric calculi | Prof. Dr. Sajjad Hussain |
| MS Urology | Dr. Manzoor Ahmad Khan | PGMI Lahore | Extent of Carcinoma of Urinary Bladder on First Presentation and Its Impact on Management | Prof. Dr. Muhammad Saleem Akhtar |
| MS Urology | Dr. Mir Dost Mohammad | PGMI Lahore | Comparison of everted end to end anastomosis and penile pedicle skin graft in management of urethral stricture | Prof. Dr. Ahmad Salman Waris |
| MS Urology | Dr. Mohammad Anish Ahamad | AIMC Lahore | Role of tamsulosin in the clearance of various sizes of lower ureteric calculi following extra corporeal shock wave lithotripsy | Prof. Dr. Muhammad Saleem Akhtar |

| Degree | Student Name | Institute | Research Title | Supervisor |
|------------|----------------------------|-----------------|--|----------------------------------|
| MS Urology | Dr. Mudassar Saeed Pansota | QAMC Bahawalpur | Comparison between Tabularized Incised Plate (TIP) urethroplasty and Onlay Island FLAP (OIF) repair in hypospadias | Dr. Shafqat Ali Tabassum |
| MS Urology | Dr. Muhammad Akmal | PGMI Lahore | Histopathological findings of stereotactic biopsy in supratentorial lesions | Prof. Dr. Nazir Ahmad |
| MS Urology | Dr. Muhammad Asif | PGMI Lahore | Recurrence rate of superficial bladder cancer with intravesical BCG and mitomycin | Prof. Dr. Ahmad Salman Waris |
| MS Urology | Dr. Muhammad Azeem Mughal | PGMI Lahore | Outcome of percutaneous nephrolithotomy and open pyelolithotomy in the management of renal stones: a comparative study (randomized clinical trail) | Prof. Dr. Safdar Ali Shah |
| MS Urology | Dr. Muhammad Imran Bhatti | SIMS Lahore | Efficacy of percutaneous nephrolithotomy as a monotherapy for the management of staghorn renal calculi in comparison with open pyelolithotomy | Prof. Riaz Ahmad Tasneem |
| MS Urology | Dr. Muhammad Iqbal | PGMI Lahore | A comparative study of management of diaphyseal fractures tibia with interlocking nail Vs. narrow dynamic compression plate, in adults | Prof. Dr. Ifran Mehboob |
| MS Urology | Dr. Muhammad Iqbal | PGMI Lahore | Effect of different manipulations on serum PSA level in patients with symptomatic BPH and suspicion of carcinoma prostate | Dr. Muhammad Iqbal |
| MS Urology | Dr. Muhammad Sohail | PGMI Lahore | Comparison of pneumatic and ultrasonic lithotripsy in percutaneous nephrolithotomy for kidney stones | Prof. Dr. Safdar Ali Shah |
| MS Urology | Dr. Munir Ahmad | PGMI Lahore | Autosomal dominant polycystic kidney disease (ADPKD) & urological complications | Prof. Dr. Zahid Iqbal |
| MS Urology | Dr. Qazi Rafiuddin | PGMI Lahore | Impact of renal transplantation on erectile dysfunction due to chronic renal failure in male patients | Prof. Dr. Sajjad Hussain |
| MS Urology | Dr. Sajid Iqbal | PGMI Lahore | Urethral dilatation with topical estrogen and alpha – 1 blockers in relieving obstructive urinary symptoms in postmenopausal women | Prof. Dr. Ahmad Salman Waris |
| MS Urology | Dr. Salahuddin | AIMC Lahore | Efficacy of Alpha blocker with nsaid vs nsaid alone in the expulsion of various sizes of distal ureteral stones | Prof. Dr. Muhammad Saleem Akhtar |

| Degree | Student Name | Institute | Research Title | Supervisor |
|------------|-------------------------------|----------------|---|----------------------------------|
| MS Urology | Dr. Sayed Ahmad Shah | PGMI Lahore | Bone mineral density changes in patients of metastatic prostatic carcinoma with or without androgen deprivation therapy (Surgical castration or medical castration) | Dr. Mumtaz Ahmad |
| MS Urology | Dr. Shah Jehan Ur Rehman | PGMI Lahore | Efficacy of transurethral resection of prostate in patients of prostatic hyperplasion with lower urinary tract symptoms presenting without retention of urine | Prof. Dr. Sajjad Hussain |
| MS Urology | Dr. Shahjehan | SIMS Lahore | Subinguinal microvaricocelectomy versus retroperitoneal varicocelectomy: comparative study of surgical outcome and complications | Dr. Riaz Ahmed |
| MS Urology | Dr. Shahzad Saleem Ullah Khan | PGMI Lahore | Evaluation of creatinine clearance after percutaneous nephrostomy / double J stenting in the management of obstructive uropathy | Prof. Dr. Ahmad Salman Waris |
| MS Urology | Dr. Shahzada Nauman Syed | PGMI Lahore | Comparison of outcome of pneumatic lithotripsy versus Holmium LASER lithotripsy in the treatment of ureteric calculi | Prof. Dr. Ahmad Salman Waris |
| MS Urology | Dr. Sharjeel Sarfraz | RMC Rawalpindi | Outcome of Uretero-rensoscopy in failed cases of medical expulsive therapy in distal ureteral stone | Dr. Mumtaz Ahmad |
| MS Urology | Dr. Shehryar Khan | PGMI Lahore | Serial diuretic ultrasound compared with DTPA renal scan & IVU in diagnosis of pelviureteric junction obstruction and correlation with operative findings with respect to sensitivity and specificity | Prof. Dr. Ahmad Salman Waris |
| MS Urology | Dr. Sohail Hasan | PGMI Lahore | Prevalence of lower urinary tact symptoms in mens over 50 years of age in te hospital attendant's populations | Prof. Dr. Muhammad Saleem Akhtar |
| MS Urology | Dr. Syed Asim Ali Bukhari | SIMS Lahore | Comparison of tamsolin versus ESWL for the management of lower ureteral stones | Prof. Riaz Ahmad Tasneem |
| MS Urology | Dr. Zeeshan Ahmad Raza | SIMS Lahore | Comparison between open testicular biopsy and Testicular Fine Needle Aspiration Cytology (TEFNA) in obstructive azoospermia | Dr. Abdul Hannan Qureshi |
| MS Urology | Dr. Zia-Ur-Rehman | PGMI Lahore | Role of polymerase chain reaction in diagnosing urinary bladder tuberculosis | Prof. Dr. Sajjad Hussain |
| MS Urology | Dr. Wesh Ansari | AIMC Lahore | Role of alpha-Blockers, Anticholinergic or combination therapy in treatment of symptoms related to double J stent | Prof. Dr. Muhammad Saleem Akhtar |

| Degree | Student Name | Institute | Research Title | Supervisor |
|-----------------|--------------------------|----------------|---|-----------------------------|
| MS Orthopaedics | Ar. Asghar Ali | PGMI Lahore | Risk factors for failure of trabeculectomies | Prof. Muhammad Tariq Sohail |
| MS Orthopaedics | Dr. Hafiz Muhammad Nasir | PGMI Lahore | Comparison of closed reduction and percutaneous cross versus parallel K wire fixation in supracondylar fracture of humerus in children | Prof. Dr. Ifran Mehboob |
| MS Orthopaedics | Dr. Aamir Nawaz Khan | RMC Rawalpindi | A comparison between intra-articular steroid injection versus manipulation under anaesthesia with intra-articular steroid injection for the management of frozen shoulder | Prof. Riaz Ahmad |
| MS Orthopaedics | Dr. Abdul Qadir | PGMI Lahore | Comparison between locking compression plate (LCP) versus dynamic compression plate (DCP) in tibial diaphyseal fractures | Prof. Dr. Abu Bakar Siddiq |
| MS Orthopaedics | Dr. Abdul Rauf Tipu | PGMI Lahore | A comparative study of avulsion fracture of inferior pole of patella treated by tension band wiring Vs resection of avulsed fragment and reattachment of patellar ligament to the patella | Dr. Muhammad Iqbal |
| MS Orthopaedics | Dr. Abdul Wahab Mengal | PGMI Lahore | A comparative study of intra articular fracture external fixator and open perduction with anatomical fixation | Prof. Iqbal Hussain |
| MS Orthopaedics | Dr. Ahmed Saeed | PGMI Lahore | The outcome of treatment of percutaneous screw fixation of unicondylar tibial fractures | Dr. Muhammad Naveed |
| MS Orthopaedics | Dr. Ahsan ul Haq | PGMI Lahore | Treatment of Diaphyseal fractures of adult humerus with percutaneous titanium elastic nails | Prof. Dr. Abu Bakar Siddiq |
| MS Orthopaedics | Dr. Amouk Ijaz | PGMI Lahore | The outcome of proximal humeral interlocking osteosynthesis in Neer type-3 & 4 proximal humeral fractures | Dr. Muhammad Naveed |
| MS Orthopaedics | Dr. Anwar Ali | PGMI Lahore | The treatment of lateral end of clavicle fracture with open reduction internal fixation and tension band wire | Prof. Dr. Ifran Mehboob |
| MS Orthopaedics | Dr. Aqeel Moazzam | PGMI Lahore | Outcome of management of Gustilo open type III A fractures tibia with closed interlocking nail within 24 hours | Dr. Muhammad Iqbal |
| MS Orthopaedics | Dr. Arif Mahmood Shahid | SIMS Lahore | The comparison of outcome of closed fracture Neer type-II of clavicle fixed with hook plate or transacromial Kirschner wires | Prof. Rana Dilawaiz Nadeem |

| Degree | Student Name | Institute | Research Title | Supervisor |
|-----------------|----------------------------|-------------|---|-----------------------------|
| MS Orthopaedics | Dr. Arshad Ali Cheema | PGMI Lahore | A comparative study of union and infection rate between biological fixation and intra medullary interlocking nailing in comminulow velocity fire arms and traumated femoral shaft fractures caused by | Prof. Muhammad Tariq Sohail |
| MS Orthopaedics | Dr. Arzimand | PGMI Lahore | Comparative study of management of intra-articular fracture of distal femur with dynamic condylar screw versus anatomical plate | Dr. Naseem Safdar |
| MS Orthopaedics | Dr. Asghar Ali Khan | PGMI Lahore | Outcome of lateral 1/3rd clavicle fractures fixed with hook plate in adults | Prof. Dr. Abu Bakar Siddiq |
| MS Orthopaedics | Dr. Asif Khan | PGMI Lahore | Functional outcome of management of closed fracture olecranon with 3.5 mm dynamic compression plate in adults | Prof. Dr. Abu Bakar Siddiq |
| MS Orthopaedics | Dr. Atif Anwar | PGMI Lahore | Comparative study of Percutaneous vs Open Bone Grafting in Non-Union of Diaphyseal Fractures of Long Bones | Prof. Dr. Abu Bakar Siddiq |
| MS Orthopaedics | Dr. Ayub Nawaz Khan | PGMI Lahore | Comparative study of management of humerus shaft fracture with Interlocking Nail versus Narrow Dynamic Compression Plate in adults | Prof. Dr. Ifran Mehboob |
| MS Orthopaedics | Dr. Basil Kamran | PGMI Lahore | The outcome of closed titanium elastic nailing in pediatric tibial diaphyseal fracture | Dr. Zaman Khan |
| MS Orthopaedics | Dr. Ejaz Ahmed | PGMI Lahore | Comparison of treatment with Titanium Elastic Nail versus AO-Dynamic Compression plate for femoral shaft fractures in children | Prof. Dr. Abu Bakar Siddiq |
| MS Orthopaedics | Dr. Farrukh Mehmood Star | PGMI Lahore | Laparoscopic versus open appendicectomy in children with uncomplicated acute appendicitis | Prof. Dr. Muhammad Saleem |
| MS Orthopaedics | Dr. Farzand Ali | PGMI Lahore | Subtrochanteric fractures of femur fixed with Dynamic Condylar Screw (DCS) vs. Dynamic Hip Screw (DHS) | Prof. Dr. Abu Bakar Siddiq |
| MS Orthopaedics | Dr. Ghokhar Shakh | PGMI Lahore | Management of delayed presentation of congenital talipes equinovarus with postero-medial release and its comparison with study of comparable alternative procedure using Pirani scoring system | Dr. Omer Adil |
| MS Orthopaedics | Dr. Hafiz Tanweer Aslam Ch | PGMI Lahore | Outcome of anatomical plate fixation in intraarticular comminuted fractures of proximal tibia | Dr. Muhammad Naveed |

| Degree | Student Name | Institute | Research Title | Supervisor |
|-----------------|---------------------------|----------------|--|-----------------------------|
| MS Orthopaedics | DR. Islam-ud-Din | RMC Rawalpindi | Efficacy of Ponseti method in management of clubfoot | Dr. Riaz Ahmed |
| MS Orthopaedics | Dr. Jahangir Iqbal Khan | PGMI Lahore | Functional outcome of Intra articular Fractures of Distal Radius (Fernandez type II and III) fixed with Percutaneous Kirschner's wires vs T-plate | Dr. Omer Adil |
| MS Orthopaedics | Dr. Jamshed Ali | PGMI Lahore | Early treatment of open tibial shaft fracture with dynamic compression plate Vs. interlocking nail | Prof. Dr. Abu Bakar Siddiq |
| MS Orthopaedics | Dr. Khail Wali | PGMI Lahore | Comparison of two plates fixation versus one plate, in Intercondylar/Supracondylar fracture of distal humerus in adults | Prof. Dr. Ifran Mehboob |
| MS Orthopaedics | Dr. Khalid Mahmood | PGMI Lahore | Study of Non spinal extra articular Ossessous tuberculosis its modes of presentation diagnostic fitfall & treatment | Prof. Muhammad Tariq Sohail |
| MS Orthopaedics | Dr. Khizer Ghalib | PGMI Lahore | Comparison of corrections loss in thoracolumbar fractures with posterior short segment stabilization with and without bony fusion | Dr. Muhammad Naveed |
| MS Orthopaedics | Dr. Manzoor Rashid | PGMI Lahore | Treatment of proximal tibial plateau fracture with Ilizarov external fixation method | Prof. Dr. Ifran Mehboob |
| MS Orthopaedics | Dr. Mian Maqbool Hussain | SIMS Lahore | Comparison of clinical examination & MRI against arthroscopy in diagnosis of meniscal and anterior cruciate ligament injuries of knee joint | Prof. Rana Dilawaiz Nadeem |
| MS Orthopaedics | Dr. Muhammad Abdul Basit | PGMI Lahore | Comparison of locking plate osteosynthesis versus modified intramedullary nail for extra-articular fractures of distal tibia | Dr. Muhammad Naveed |
| MS Orthopaedics | Dr. Muhammad Ali | PGMI Lahore | Open reduction and internal fixation of metacarpal fractures: Mini plate Vs. K-wire | Dr. Muhammad Naveed |
| MS Orthopaedics | Dr. Muhammad Ali Usman | PGMI Lahore | Internal fixation of paediatric femoral shaft fracture with divergent flexible smooth k-wires through low anterior quadriceps tendon splitting incision: An analysis of postoperative parameters | Dr. Omer Adil |
| MS Orthopaedics | Dr. Muhammad Amjad Janjua | PGMI Lahore | Functional outcome of intra articular fractures of distal radius (Fernandez type II and III) fixed with percutaneous Kirschner's wires vs locking t-plate | Dr. Muhammad Naveed |

| Degree | Student Name | Institute | Research Title | Supervisor |
|-----------------|----------------------------|-------------|--|-----------------------------|
| MS Orthopaedics | Dr. Muhammad Atif | PGMI Lahore | The outcome of bridge plating in comminuted diaphyseal femur fractures in adults with regard to fracture healing and return to full weight bearing | Dr. Zaman Khan |
| MS Orthopaedics | Dr. Muhammad Faisal Iqbal | PGMI Lahore | Bone grafting with and without containment in segmental bone defects | Prof. Dr. Abu Bakar Siddiq |
| MS Orthopaedics | Dr. Muhammad Kifayat Ullah | PGMI Lahore | Open reduction and internal fixation of displaced supracondylar fracture of humerus in children; lateral Vs medial approaches | Prof. Dr. Abu Bakar Siddiq |
| MS Orthopaedics | Dr. Muhammad Rashid Waheed | PGMI Lahore | outcome of fixation of oblique pediatric supracondylar humerus fracture with two parallel k-wires at right angle to fracture line | Prof. Dr. Abu Bakar Siddiq |
| MS Orthopaedics | Dr. Muhammad Riaz | PGMI Lahore | Outcome of open fracture tibial shaft with interlocking nail | Prof. Dr. Ifran Mehboob |
| MS Orthopaedics | Dr. Muhammad Rustam Aman | PGMI Lahore | Hemiarthroplasty in fracture neck of femur: Hardinge versus Moore approach | Prof. Dr. Abu Bakar Siddiq |
| MS Orthopaedics | Dr. Muhammad Saleem | PGMI Lahore | Analysis of mechanism, pattern and treatment outcome of spinal injuries | Prof. Muhammad Tariq Sohail |
| MS Orthopaedics | Dr. Muhammad Tasneem | SIMS Lahore | Distal tibial fractures fixation with locking compression plate using minimally invasive percutaneous osteosynthesis (MIPO) technique | Prof. Rana Dilawaiz Nadeem |
| MS Orthopaedics | Dr. Muhammad Umer Ishaque | PGMI Lahore | To study the outcome of minimally invasive plate osteosynthesis with anatomical plate for distal diaphyseal tibial fractures | Dr. Omer Adil |
| MS Orthopaedics | Dr. Muhammad Zaib Tunio | PGMI Lahore | Spinal cage fixation in cases of dorsal spine | Prof. Dr. Ifran Mehboob |
| MS Orthopaedics | Dr. Muhammad Zeb Khan | PGMI Lahore | Immediate open reduction and internal fixation of displaced supracondylar fracture of humerus in children with early (within 06 days) vs late (2-4 weeks) presentation | Prof. Dr. Abu Bakar Siddiq |
| MS Orthopaedics | Dr. Naveed Shamsheer | PGMI Lahore | Outcome of Sub muscular bridge plating in closed distal 1/3 diaphyseal fractures of femur in children | Prof. Dr. Ifran Mehboob |

| Degree | Student Name | Institute | Research Title | Supervisor |
|-----------------|--------------------------|-------------|--|-----------------------------|
| MS Orthopaedics | Dr. Rahim Khan | PGMI Lahore | A comparative study of early versus late reconstruction of malunited fractures of the distal radius | Dr. Muhammad Naveed |
| MS Orthopaedics | Dr. Rashid Hussain | PGMI Lahore | Outcome of early versus delayed management of open Type III A fracture of distal femur | Prof. Dr. Abu Bakar Siddiq |
| MS Orthopaedics | Dr. Saghir Hussain | PGMI Lahore | Value of Tip apex distance in screw cutout in intertrochanteric fractures treated with dynamic hip screw | Prof. Dr. Abu Bakar Siddiq |
| MS Orthopaedics | Dr. Sahib Gul Khan | PGMI Lahore | Management of traumatic pubic diastasis comparison of pelvic plate with reconstruction plate | Prof. Dr. Ifran Mehboob |
| MS Orthopaedics | Dr. Sajid Hussain | PGMI Lahore | Early graft failure after open anterior cruciate ligament reconstruction using bone patellar tendon bone autograft | Dr. Omer Adil |
| MS Orthopaedics | Dr. Sajid Manzoor | PGMI Lahore | Fracture shaft of femur in children of 6 to 12 years of age treated with titanium elastic nail | Prof. Dr. Abu Bakar Siddiq |
| MS Orthopaedics | Dr. Shahbaz Ahmad | PGMI Lahore | Comparison of closed intramedullary interlocking nail versus functional brace in diaphyseal fracture of humerus | Prof. Dr. Irfan Mehboob |
| MS Orthopaedics | Dr. Shahid Hussain | PGMI Lahore | Outcomes of lower limb lengthening | Prof. Muhammad Tariq Sohail |
| MS Orthopaedics | Dr. Sheikh Nadeem Roshan | PGMI Lahore | Outcome of distal femoral fractures with intraarticular extension treated with locking compression plate (Anatomical Plate) | Dr. Omer Adil |
| MS Orthopaedics | Dr. Syed Farooq Jalal | PGMI Lahore | Comparison of acromioclavicular joint K-Wire fixation with or without multi strand 'Vicryl' band augmentation of coracoclavicular ligament in acromioclavicular joint dislocation | Prof. Dr. Abu Bakar Siddiq |
| MS Orthopaedics | Dr. Syed Rizwan Ul Haq | PGMI Lahore | Closed tibial diaphyseal fractures in adults treated with closed intramedullary interlocking nail Vs minimally invasive percutaneous plate osteosynthesis with locking compression plate | Dr. Nasim Iqbal Safdar |
| MS Orthopaedics | Dr. Syed Shaharyar Shah | PGMI Lahore | To study the outcome of bridge plating in comminuted diaphyseal tibial fractures in adults | Dr. Zaman Khan |

| Degree | Student Name | Institute | Research Title | Supervisor |
|-----------------|----------------------|-------------|--|----------------------------------|
| MS Orthopaedics | Dr. Tahir Mehmood | PGMI Lahore | Comparative study of closed reduction and percutaneous Kirschner-wire fixation versus early open reduction and bone grafting for Colles fracture | Prof. Dr. Ifran Mehboob |
| MS Orthopaedics | Dr. Tariq Zaman | PGMI Lahore | A comparative study of triceps lifting versus triceps splitting approach in operative management of supracondylar fractures of humerus in children | Dr. Muhammad Iqbal |
| MS Orthopaedics | Dr. Tariq Zaman | PGMI Lahore | To study the outcome of unreamed interlocking nail in open type II and III A fractures of tibia | Prof. Dr. Abu Bakar Siddiq |
| MS Orthopaedics | Dr. Usman Ahmad | PGMI Lahore | A comparative study of the rate of success of Ponseti method in children of <2 years age versus 2 - 5 years of age for the management of idiopathic congenital talipes equinovarus | Prof. Javed Iqbal |
| MS Orthopaedics | Dr. Walid | PGMI Lahore | Frequency of infection in open tibial shaft fractures after open reduction and internal fixation with dynamic compression plate vs interlocking nail | Dr. Muhammad Iqbal |
| MS Orthopaedics | Dr. Yasir Iqbal | PGMI Lahore | Treatment outcome of giant cell tumor by scooping curettage, burr down, phenolization and bone cement (PMMA) | Prof. Dr. Abu Bakar Siddiq |
| MS Orthopaedics | Dr. Zafar Iqbal | PGMI Lahore | Surgical management of open fractures and evaluating the incidence of infection | Prof. Dr. Abu Bakar Siddiq |
| MS Orthopaedics | Dr. Zuhair Bhatti | PGMI Lahore | The outcome of distal locking plate in Muller type-A supracondylar fracture of distal femur with MIPPO technique | Dr. Inaam Ullah |
| MS Anaesthesia | Dr. Abdul Waheed | PGMI Lahore | Comparison of quality of anaesthesia in intravenous, regional with lignocaine, combination of lignocaine with pethidine & ketamine and lignocaine in upper limb surgery | Prof. Dr. Nazir Ahmad |
| MS Anaesthesia | Dr. Amit Kumar Karna | PGMI Lahore | Relationship of neck circumference and difficult endotracheal intubation in obese patients | Prof. Dr. Khalid Bashir |
| MS Anaesthesia | Dr. Asif Rashid | PGMI Lahore | A comparison of midazolam and minidose suxamethonium to facilitate laryngeal mask airway insertion during propofol anesthesia | Prof. Dr. Taifur ul Islam Gilani |
| MS Anaesthesia | Dr. Atiya Shahbaz | PGMI Lahore | Case-case anesthesia for missed abortion: sevofurane versus propofol induction and recovery characteristics | Prof. Dr. Taifur ul Islam Gilani |

| Degree | Student Name | Institute | Research Title | Supervisor |
|----------------|-------------------------|-------------|---|----------------------------------|
| MS Anaesthesia | Dr. Atta Ullah Maan | PGMI Lahore | Evaluation of single dose epidural bupivacaine-tramadol versus bupivacaine-butorphanol for abdominal hysterectomy | Prof. Dr. Taifur ul Islam Gilani |
| MS Anaesthesia | Dr. Gaurav Garkhali | PGMI Lahore | Comparison of analgesic efficacy of intraperitoneal ropivacaine and intramuscular tramadol in patients undergoing laparoscopic cholecystectomy | Prof. Dr. Muhammad Younis |
| MS Anaesthesia | Dr. Ghufran Arshad Syed | PGMI Lahore | Effect of intravenous Lidocaine Infusion for reducing opioid requirement in postoperative period, in patients undergoing lower abdominal surgery | Prof. Dr. Khalid Bashir |
| MS Anaesthesia | Dr. Hina Mumtaz | PGMI Lahore | Effect of 3 IU of oxytocin on uterine contraction and haemodynamics during elective Cesarean section in spinal anesthesia | Prof. Dr. Khalid Bashir |
| MS Anaesthesia | Dr. Hina Nabi Ahmed | PIC Lahore | Effect of Magnesium Sulphate (MgSO4) on the consumption of Morphine in postoperative cardiac surgery patients | Dr. Azhar Hussain Bajwa |
| MS Anaesthesia | Dr. Irfan Nazir | PGMI Lahore | Effect of preoperative pregabalin on postoperative pain after laparoscopic cholecystectomy | Prof. Dr. Khalid Bashir |
| MS Anaesthesia | Dr. Liaquat Ali Shahbaz | PGMI Lahore | Comparison of Efficacy of Ketamine and Lignocaine in Bier's Block | Prof. Dr. Taifur ul Islam Gilani |
| MS Anaesthesia | Dr. Muhammad Afzal | PGMI Lahore | Comparison of rocuronium and suxamethonium as a muscle relaxant of choice for intubation in elective surgery in our population | Prof. Dr. Khalid Bashir |
| MS Anaesthesia | Dr. Rahmat Ali Khan | PGMI Lahore | To study the effects on systolic blood pressure of low dose intrathecal 0.5% hyperbaric bupivacaine compared with conventional dose in combined spinal epidural for caesarean section | Prof. Dr. Khalid Bashir |
| MS Anaesthesia | Dr. Tahir Nazir | PGMI Lahore | Haemodynamic effects at the induction of General anaesthesia; Comparison of Etomidate and Propofol | Prof. Dr. Taifur ul Islam Gilani |
| MS ENT | Dr. Arshad Abbas | PGMI Lahore | A comparative analysis of pre and post-operative complications in patients undergoing early and delayed interval tonsillectomies | Prof. Dr. Muhammad Amjad |
| MS ENT | Dr. Asghar Ullah Khan | PGMI Lahore | Results of canal wall down techniques in the management of chronic suppurative otitis media (Atticoantral Disease) | Prof. Dr. Muhammad Amjad |

| Degree | Student Name | Institute | Research Title | Supervisor |
|--------------------|------------------------------|-------------|--|---------------------------------|
| MS ENT | Dr. Imran Qadeer | PGMI Lahore | A comparison of efficacy of nasal surgery with and without intranasal splints for prevention of intranasal adhesions | Prof. Dr. Najam Ul Hassain Khan |
| MS ENT | Dr. Muhammad Adrees | PGMI Lahore | Comparison of early complications of Elective Tracheostomy versus Emergency Tracheostomy | Prof. Israr Ahmed |
| MS ENT | Dr. Muhammad Idrees | PGMI Lahore | Comparison of early complications of elective tracheostomy versus emergency tracheostomy | Prof. Israr Ahmed |
| MS ENT | Dr. Muzammil Hussain | PGMI Lahore | Outcome of pre-operative embolization on per-operative bleeding in angiofibroma | Prof. Dr. Najam Ul Hassain Khan |
| MS ENT | Dr. Nazir Afridi | PGMI Lahore | Role of septoplasty/SMR in resolution of concurrent chronic maxillary sinusitis | Prof. Dr. Muhammad Amjad |
| MS ENT | Dr. Shahi Zeb | PGMI Lahore | Comparison of hot bipolar dissection versus cold tonsillectomy in adults | Prof. Dr. Najam Ul Hassain Khan |
| MS Cardiac Surgery | Dr. A. K. M. Shahnoor Aziz | PGMI Lahore | Reduction in pressure gradient across aortic valve after aortic valve replacement and its effect on LV dimensions | Prof. Dr. Abdul Waheed |
| MS Cardiac Surgery | Dr. Aamer Mansoor | PGMI Lahore | Graft patency in off-pump vs on-pump coronary artery bypass grafting; Randomized study | Prof. Dr. Jawad Sajid Khan |
| MS Cardiac Surgery | Dr. Attullah Khan Niazi | PGMI Lahore | The outcome of re exploration for bleeding following coronary artery bypass grafting (CABG) | Prof. Dr. Abdul Waheed |
| MS Cardiac Surgery | Dr. Faisal Shahzad Roomi | PGMI Lahore | Complications after intra-aortic balloon pump in patients undergoing coronary artery bypass grafting | Prof. Dr. Abdul Waheed |
| MS Cardiac Surgery | Dr. Hasnain Zafar | PGMI Lahore | Transatrial-transpulmonary vs transventricular approach for Tetralogy of Fallot | Prof. Tariq Salah Ud Din |
| MS Cardiac Surgery | Dr. Irfan Azmat Ullah Khwaja | PIC Lahore | Aortic valve replacement with aortic and pulmonary allografts; surgical outcome and results at one year | Prof. Dr. Jawad Sajid Khan |

| Degree | Student Name | Institute | Research Title | Supervisor |
|--------------------|-----------------------------|-------------|--|----------------------------|
| MS Cardiac Surgery | Dr. Izhar Hussain | PGMI Lahore | Comparative study of management of intertrochanteric fracture of femur with dynamic hip screw versus proximal femoral locking plates in adults | Dr. Muhammad Naveed |
| MS Cardiac Surgery | Dr. Junaid Fayyaz Khan | PIC Lahore | Early result of right ventricular function in transatrial repair and transventricular RVOT resection in tetralogy of fallot's | Prof. Dr. Jawad Sajid Khan |
| MS Cardiac Surgery | Dr. Kamran Khan | PGMI Lahore | Effect of obesity on early outcome after coronary artery bypass grafting surgery | Dr. Ahmad Shahbaz |
| MS Cardiac Surgery | Dr. Khayam Hafeez | PIC Lahore | Coronary artery bypass grafting impact of preoperative low ejection fraction on outcome as compared to normal ejection fraction | Prof. Dr. Jawad Sajid Khan |
| MS Cardiac Surgery | Dr. Kush Bahadur Rana | PGMI Lahore | Frequency of Low Cardiac Output Syndrome (LCOS) in post-Coronary Artery Bypass Grafting (CABG) surgery patients and predisposing factors | Prof. Dr. Abdul Waheed |
| MS Cardiac Surgery | Dr. Lokesh Yadav | PGMI Lahore | Early outcome of coronary artery bypass graft in patients with and without metabolic syndrome | Dr. Ahmad Shahbaz |
| MS Cardiac Surgery | Dr. Matiur Rahman | PIC Lahore | A comparison of in the hospital outcomes in on-pump vs off pump coronary artery bypass surgery using euroscoe II | Dr. Ahmad Shahbaz |
| MS Cardiac Surgery | Dr. Md. Afroz Ansari | PGMI Lahore | Outcome of tight glycemic control Vs standard glycemic control in patients undergoing Coronary Artery Bypass Surgery (CABG) | Prof. Dr. Abdul Waheed |
| MS Cardiac Surgery | Dr. Mohammad Ali Bhuiyan | PGMI Lahore | Frequency and outcome of acute renal failure in patients after coronary artery bypass grafting presenting at PIC, Lahore | Prof. Dr. Abdul Waheed |
| MS Cardiac Surgery | Dr. Mohammad Sharif Nassery | PGMI Lahore | Frequency of atrial fibrillation in post-coronary artery bypass grafting patients and predisposing factors | Prof. Dr. Abdul Waheed |
| MS Cardiac Surgery | Dr. Muhammad Saeed Afridi | PGMI Lahore | Comparison between Intermittent Cross Clamping with Fibrillation and Tepid Blood Cardioplegia: In hospital outcome in patients undergoing coronary artery bypass grafting (CABG) | Prof. Dr. Abdul Waheed |
| MS Cardiac Surgery | Dr. Nabi Gul | PGMI Lahore | Effects of mitral valve replacement on mitral stenosis induced pulmonary hypertension | Prof. Dr. Abdul Waheed |

| Degree | Student Name | Institute | Research Title | Supervisor |
|--------------------|-------------------------|-------------|--|---------------------------------|
| MS Cardiac Surgery | Dr. Naseem Ahmad | PGMI Lahore | Early Change in left ventricular function and dimensions after aortic valve replacement | Prof. Dr. Jawad Sajid Khan |
| MS Cardiac Surgery | Dr. Saira Gull | PGMI Lahore | Correlation of left main coronary artery disease with carotid artery disease in patients undergoing CABG | Prof. Dr. Jawad Sajid Khan |
| MS Cardiac Surgery | Dr. Sayed Khalid Rashid | PIC Lahore | Comparison of post-operative complication in diabetic vs Non-diabetic patients undergoing coronary artery bypass surgery | Dr. Ahmad Shahbaz |
| MS Cardiac Surgery | Dr. Syed Qaisar Abbas | PGMI Lahore | Determination of positivity of computed tomographic angiography in poorly visualized left anterior descending artery on conventional angiography | Prof. Raja Parvez Akthar |
| MS Cardiac Surgery | Dr. Tipu Khan | PIC Lahore | Off pump Vs on pump Coronary artery bypass grafting: Randomized study | Prof. Dr. Jawad Sajid Khan |
| MS Cardiac Surgery | Dr. Praman Sharma | PGMI Lahore | Left ventricular function after coronary artery bypass grafting in patients presenting with low ejection fraction | Dr. Ahmad Shahbaz |
| MS Plastic Surgery | Dr. Abdul Ghafar | PGMI Lahore | Tubularized incised plate urethroplasty+grafting for distal hypospadias repair with narrow urethral plate | Dr. Moazzam Nazeer Tarar |
| MS Plastic Surgery | Dr. Ahmed Ali | NMC Multan | Efficacy of reverse flow sural artery flap in coverage of soft tissue defects in the lower 1/3rd of leg and heel | Dr. Naheed Ahmed Chaudhry |
| MS Plastic Surgery | Dr. Arif Baig Mirza | PGMI Lahore | Post operative complications of reverse flow posterior interosseous artery flap in hand / wrist injuries | Dr. Naheed Ahmed Chaudhry |
| MS Plastic Surgery | Dr. Fareeha Anjum | PGMI Lahore | Carboxytherapy verses intralesional steroids for treatment of scars – a randomized control trial | Dr. Moazzam Nazeer Tarar |
| MS Plastic Surgery | Dr. Muhammad Amin | PGMI Lahore | Comparative study of open mesh plug repair versus lichtenstein tension free mesh hernioplasty | Prof. Dr. Sikandar Hayat Gondal |
| MS Plastic Surgery | Dr. Muhammad Nasrullah | PGMI Lahore | Outcome of ultra thin abdominal flap for soft tissue defects of hand and forearm in terms of survival, cosmesis and complications | Dr. Moazzam Nazeer Tarar |

| Degree | Student Name | Institute | Research Title | Supervisor |
|------------------------|---------------------|------------------|---|----------------------------|
| MS Plastic Surgery | Dr. Muhammad Tariq | PGMI Lahore | Outcome of Jumping Man Z-Plasty in release of Linear Post Burn Contractures of upper limb | Dr. Moazzam Nazeer Tarar |
| MS Plastic Surgery | Dr. Shohreh Ahmadi | PGMI Lahore | Comparison of graft survival between fat harvested from abdomen and medial thigh for facial contour deformity | Dr. Moazzam Nazeer Tarar |
| MS Plastic Surgery | Dr. Waseem Humayun | PGMI Lahore | Outcome of ulnar artery perforator flap for distal forearm & wrist defects coverage | Dr. Moazzam Nazeer Tarar |
| MS Thoracic Surgery | Dr. Khalid Ali | PGMI Lahore | Surgical treatment of fibrinopurulent empyema thoracis: video - assisted thoracic surgery vs limited thoracotomy | Prof. Dr. Jawad Sajid Khan |
| MS Thoracic Surgery | Dr. Saima Sultan | PGMI Lahore | Predictive value of pleural thickening in association with conversion from video-assisted thoracoscopic surgery to open thoracotomy in parapneumonic empyema-stage II | Dr. Ghulam Shabbir |
| MS 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 |
| MS Otorhinolaryngology | Dr. Muhammad Arshad | PGMI Lahore | Comparative study of post-septoplasty complications with and without nasal packing | Prof. Israr Ahmed |