

Govt. Medical College, Patiala.
Thesis Plan of MD/MS Students admitted in 2016-19

Sr. No.	Specialty	Name of Candidate	Topic
1.	Anaesthesia	Dr. Charu Sharma	A comparative study of dexmedetomidine and fentanyl as an adjuvant with 0.5% ropivacaine in infraclavicular brachial plexus block via coracoid approach.
2.	Anaesthesia	Dr. Shelly Aggarwal	To compare the supraclavicular and infraclavicular approaches of brachial plexus block for upper limb surgery using 0.05mg of dexmedetomidine and 30ml of 0.5% ropivacaine
3.	Anaesthesia	Dr. Uma Shankar	Comparison of ilio-inguinal ilio-hypogastric nerve block with spinal anaesthesia for inguinal hernia repair.
4.	Anaesthesia	Dr. Nikita Gupta	Comparison of propofol and sevoflurane for maintenance of anaesthesia on haemodynamics and recovery characteristics in patients undergoing lap aroscopic cholecystectomy
5.	Anaesthesia	Dr. Nisha	Comparison of dexmedetomidine plus ketamine versus dexmedetomidine plus propofol for conscious sedation in patients undergoing awake fiberoptic nasotracheal intubation: A prospective randomized and controlled clinical study

6.	Anatomy	Dr. Komal Parmar	Intracapsular ligaments and menisci of the knee joint- A Morphological and morphometric study in adult human cadavers
7.	Anatomy	Dr. Priyanka Garg	Branching pattern of the sciatic nerve- A morphological and morphometric study in adult human cadavers
8.	Biochemistry	Dr. Deepika Singla	Vitamin and serum calcium level in postmenopausal women with distal radius fracture.
9.	Chest & TB	Dr. Arjun Bhatnager	Evaluation of pattern of drug resistance among patients of isoniazid resistant pulmonary tuberculosis
10.	Chest & TB	Dr. Rajinder Kaur	Study of pulmonary function impairment by spirometry in treated cases of pulmonary tuberculosis
11.	Chest & TB	Dr. Ritu Puneet Kaur	Socio-economic impact of parental tuberculosis on school going children
12.	Chest & TB	Dr. Anu Bharti	Caregiver burden among the caregivers of tuberculosis patients
13.	Chest & TB	Dr. Jebin Abraham	Evaluation of the technique of using inhalation devices amongst asthmatic and COPD patients attending a tertiary care hospital
14.	Community	Dr. Ira Jain	A cross-sectional study to estimate the nutritional status of 0-6 years children and the

	Medicine		satisfaction of their mothers with respect to ICDS services in an urban ICDS Block of Patiala Punjab.
15.	Community Medicine	Dr. Sunvir Kaur Rai	A Community based cross-sectional study to assess utilization of postnatal services among mother in the urban field practice area of Govt. Medical College, Patiala (Punjab)
16.	E.N.T	Dr. Gagandeep Kaur	A clinicopathological study of upper aerodigestive tract cancers.
17.	ENT	Dr. Ankur Kaushal	Incidence of otitis media with effusion in children with adenoid hypertrophy- A prospective study
18.	ENT	Dr. Deepika	To evaluate the relationship between serum vitamin D level and chronic rhinosinusitis.
19.	ENT	Dr. Gurkiran Kaur	A comparative study of budesonide nasal irrigation versus saline irrigation in post operative care of chronic rhinosinusitis patient undergoing endoscopic sinus surgery
20.	ENT	Dr. Ankur Mohan	To evaluate the role of glass ionomeric cement in ossicular reconstruction in middle ear.

21.	ENT	Dr. Sofia	To evaluate surgical outcomes of conventional versus endoscopic septoplasty by using subjective and objective methods
22.	ENT	Dr. Rajneesh Singh	Estimation of serum lipid profile and its significance in head and neck cancers
23.	Forensic Medicine	Dr. Charan Kamal	A study of suicides amongst autopsies conducted at Patiala city
24.	Medicine	Dr. Anshuman Gupta	To study the effect of prestorage leucoreduction v/s bedside filtration of packed red blood cells on the rate of adverse transfusion reactions in medical care setting of a tertiary care hospital
25.	Medicine	Dr. Arashbir Kaur	A study of cardiovascular morbidity in newly diagnosed HIV/AIDS patients and their correlation with CD4 count
26.	Medicine	Dr. Kirandeep Kaur	To compare the prevalence of thyroid dysfunction in rheumatoid arthritis and general population
27.	Medicine	Dr. Parth Bansal	To study the effects of diabetes mellitus on heart
28.	Medicine	Dr. Payal Gupta	Clinical profile, risk factors and epidemiology of patients infected with hepatitis c virus.
29.	Medicine	Dr. Rajiv Aggarwal	To study the prevalence and determinants of depression in type 2 diabetes patients in a tertiary care centre.

30.	Medicine	Dr. Sweta	To study the prevalence of microalbuminuria in patients of essential hypertension
31.	Medicine	Dr. Varun Bansal	Prevalence of metabolic syndrome in patients younger than 50 years of age admitted with acute coronary syndrome at Rajindra Hospital Patiala
32.	Medicine	Dr. Vivek Ahuja	Prevalence of cardiomyopathy in patients of liver cirrhosis
33.	Medicine	Dr. Pathan Sanaulla Khan Gulab Khan	To study clinical profile and various risk factors precipitating hepatic encephalopathy and their frequency in patient of cirrhosis of liver
34.	Medicine	Dr. Sumit Yadav	Role of smoking as a modifiable risk factor in diabetic nephropathy and non diabetic nephropathy
35.	Medicine	Dr. Ankur Chaudhary	Study of thyroid disorders in pregnancy
36.	Microbiology	Dr. Reetu Goyal	Prevalence of carbapenemases in gram negative bacteria obtained from various clinical samples in a tertiary care hospital, Patiala
37.	Obst. & Gynae	Dr. Eram Khan	Comparative study of maternal and foetal outcome in high riskpregnancy between booked and unbooked cases

38.	Obst. & Gynae	Dr. Gagandeep Kaur	Comparative study of intra cervical foley's catheter and and PGE2 gel for induction of labour
39.	Obst. & Gynae	Dr. Sujata Bhardwaj	Prevalence of anaemia in adolescent girls
40.	Obst. & Gynae	Dr. Pratima Chhabra	A study of group B streptococcal colonization in pregnant woman
41.	Obst. & Gynae	Dr. Gurpreet Kaur	Screening for preeclampsia by uterine artery Doppler and PAPP-A at 11-14 weeks of gestation
42.	Obst. & Gynae	Dr. Sonia Goyal	Predictive value of cerebroplacental ratio in detection of perinatal outcome I high risk pregnancies
43.	Obst. & Gynae	Dr. Navneet Kaur	Prevalence of metabolic syndrome in post menopausal females
44.	Obst. & Gynae	Dr. Vishav Veer Kaur	Thyroid profile in patients with abnormal uterine bleeding

45.	Obst. & Gynae	Dr. Richa Choubey	A study of endometrium by TVS and its correlation with aspiration biopsy in postmenopausal bleeding
46.	Ophthalmology	Dr. Nidhi Rani	To compare the efficacy and side effect profile of fixed combination Brinzolamide 1% Timolol 0.5% versus fixed combination dorzolamide 2%/ Timolol 0.5% in patients with primary open angle glaucoma
47.	Ophthalmology	Dr. Veer Davinder Singh	To compare the efficacy of dorzolamide 2% timolol 0.5% fixed combination versus brinzolamide 1% brimonidine 0.2% fixed combination therapy in patients of primary open angle glaucoma
48.	Ophthalmology	Dr. Seema Yadav	Spontaneous resolution of congenital esotropia with deviation less than 20 PD in Children 8-20 weeks
49.	Ophthalmology	Dr. David Aggarwal	Incidence of primary open angle glaucoma/ocular hypertension in diagnosed cases of helicobacter pylori
50.	Ophthalmology	Dr. Amanjot Kaur	Incidence of primary open angle glaucoma/ocular hypertension in diagnosed cases of hypothyroidism
51.	Orthopaedics	Dr. Aman Saini	Percutaneous autologous bone marrow injection in the treatment of delayed union and non infective nonunions of fracture tibia

52.	Orthopaedics	Dr. Santmeet Singh	A comparative study of proximal trochanteric contoured plate vs proximal femoral nail for unstable inter-trochanteric fracture of femur (Cases of 20 each)
53.	Orthopaedics	Dr. Rohit Sharma	Various modalities of treatment in distal radius fracture
54.	Orthopaedics	Dr. Nishant Pawar	Evaluation of Ilizarov in infected non-union of long bones
55.	Orthopaedics	Dr. Dilmohan Singh Karday	A Comparative study of 30 cases of intertrochantric fracture femur in elderly patients treated with proximal femoral nailing antirotation-2 (PFNA-2) and proximal femoral nailing (PFN) in Rajindra Hospital, Patiala
56.	Orthopaedics	Dr. Suhirad Khokhar	A comparative study of minimally invasive plate osteosynthesis and closed intramedullary nailing in shaft fracture of humerus.
57.	Paediatrics	Dr. Anuj Bansal	To evaluate the role of vitamin a in decreasing morbidity due to severe and very severe pneumonia in children 1-5 years of age
58.	Paediatrics	Dr. Jagroop Singh Sangha	To assess serum calcium, phosphorus and alkaline phosphorus levels in thalassemia major

			children
59.	Paediatrics	Dr. Neha	Status of vitamin D in children with bronchial asthma treated with inhaled corticosteroid therapy
60.	Paediatrics	Dr. Prabhpreet Kaur Sira	Prevalence of allergic bronchopulmonary aspergillosis (ABPA) in children aged 0-15 years having bronchial asthma.
61.	Paediatrics	Dr. Tanya Gill	Stud of high sensitivity c reactive protein in bronchial asthma in children
62.	Paediatrics	Dr. Vandana Kumari	Clinical and radiological incidence of pneumonia in malnourished children of 2 months to 5 years age.
63.	Pathology	Dr. Amitoj Sidhu	Mast cells in Surgically resected appendices.
64.	Pathology	Dr. Medhavi Dhir	Histopathological immunohistochemistry and role of GSTM1 and GSTT1 gene polymorphism in carcinoma breast
65.	Pathology	Dr. Mohini Garg	Renal pathologies in medicolegal autopsies.
66.	Pathology	Dr. Neetika Kaushal	Correlation of cytology, histopathology and radiology findings with their combined diagnostic approach in suspected cases of breast cancer
67.	Pathology	Dr. Ramanpreet Kaur	Agnor scoring in benign, intermediate and malignant soft tissue tumors
68.	Pathology	Dr. Surinder Kaur	Study of prevalence of HPV genome and detection of cervical abnormalities using liquid based cytology in HIV positive women

69.	Pharmacology	Dr. Faizul Haq	A study to evaluate prescribing pattern and correlation between cardiovascular risk and quality of life in patients of hypertension
70.	Pharmacology	Dr. Hina lal	A study of efficacy and tolerability of rosehip extract (GOPO) vs. ibuprofen (a nsaid) in treatment of osteoarthritis in weight bearing joints
71.	Pharmacology	Dr. Rajneet Kaur	Comparative analysis of nerve conduction in median nerve, efficacy and safety of gabapentin vs amitriptyline in patients of peripheral neuropathic pain in case of diabetes mellitus
72.	Pharmacology	Dr. Tushar Vashisht	A Pharmacoeconomic analysis to determine the relative cost-effectiveness of timolol 0.5% brinzolamide 1% and brimonidine 0.2% eye drops in treatment of primary open angle glaucoma/ocular hypertension.
73.	Psychiatry	Dr. Abhishek Gupta	To study psychiatric morbidity and substance dependence among patients of accident proneness
74.	Psychiatry	Dr. Sunpreet Kaur	To study Psychiatric morbidity and quality of life in patients of migraine
75.	Radiodiagnosis	Dr. Aman Bansal	The role of magnetic resonance imaging in evaluation of tuberculosis of spine
76.	Radiodiagnosis	Dr. Irwinjit Kaur	Role of grey scale ultrasound and colour Doppler findings to differentiate ectopic pregnancy from corpus luteum cyst of pregnancy

77.	Radiodiagnosis	Dr. Navjant Singh Boparoy	Comparison of sonourethrography with retrograde urethrography in evaluation of strictures of anterior urethra
78.	Radiodiagnosis	Dr. Rekha	Role of plain radiography and MRI in the evaluation of avascular necrosis of head of femur
79.	Radiodiagnosis	Dr. Rohan Bains	Role of multiparametric MRI in evaluation of prostate carcinoma and its correlation with Histopathological findings
80.	Radiodiagnosis	Dr. Sachin. K	The role of MR diffusion in differentiation of benign and malignant focal hepatic lesions
81.	Radiodiagnosis	Dr. Amit Mehta	To assess the incidence of pituitary hyperplasia in the cases of primary hypothyroidism and to assess the response after 8 weeks of treatment
82.	Skin & VD	Dr. Aanchal Singla	Lipid profile, insulin and adiponectin levels in acne vulgaris A case control
83.	Skin & VD	Dr. Vivek Choudhary	Study of primary and secondary interface changes in various dermatological diseases

84.	Surgery	Dr. Dharminder Kumar	Evaluation of accuracy and predictability of tzanakis score in diagnosis of acute appendicitis
85.	Surgery	Dr. Harnoor Walia	An evaluation of possum scoring in predicting post-operative morbidity and mortality in patients of perforation peritonitis
86.	Surgery	Dr. Neha Rai	Role of haemocoagulase as local hemostatic agent in modified radical mastectomy
87.	Surgery	Dr. Priti Batra	An Observational study to evaluate benefits and outcome of ultrasound guided foam sclerotherapy in varicose veins.
88.	Surgery	Dr. Rupinder Singh	Prospective analysis of indication and complication of emergency temporary loop ileostomy
89.	Surgery	Dr. Savita	Electric burn injuries: A prospective study in rajindra hospital, Patiala
90.	Surgery	Dr. Baljeet Kaur	Comparison of conventional closure Vs hughes abdominal repair technique

91.	Surgery	Dr. Gurpreet Singh Mahal	A comparative study between the use of tacker and suture for peritoneal flap closure in laparoscopic trans abdominal pre-peritoneal (TAPP) repair of inguinal hernia
92.	Surgery	Dr. Rajandeep Singh	To evaluate the accuracy of preoperative boey's scoring in predicting morbidity and mortality outcomes in patients of perforation peritonitis
93.	Surgery	Dr. Frankleena Parage	Role of cect in evaluation of intestinal obstruction and its outcome in terms of management
94.	Surgery	Dr. Manpreet Kaur	Complications and outcome of laparoscopic cholecystectomy
95.	Surgery	Dr. Sumit	Correlation in cytology, intraoperative findings and histology in various thyroid lesions
96.	Surgery	Dr. Armaan Khosa	Fixation vs no fixation of mesh in TAPP hernia repair
97.	Surgery	Dr. Chetan Singla	Short term outcome of lichenstein tension free hernia repair vs laparoscopic TAPP

98.	Surgery	Dr. Pankaj Gupta	To study the prophylactic use of granisetron for prevention of postoperative nausea and vomiting in laparoscopic cholecystectomy
99.	Surgery	Dr. Koshlesh Tiwari	Assessment of accuracy of diagnostic abdominal paracentesis in acute abdominal conditions
100.	Surgery	Dr. Gagandeep singh Arora	To study pattern of post Operative urinary retention in anorectal surgeries for benign disorders

