

Government Medical College, Patiala.

Thesis Plan of MD/MS Students admitted in Session 2012 to 2015 in Government Medical College, Patiala.

Sr. No.	Department	Name of Candidate	Topic
1.	Anaesthesia	Dr. Akshay Juneja	A comparative study of effects of intrathecal levobupivacaine with or without dexmedetomidine for postoperative analgesia.
2.	Anaesthesia	Dr. Karthik Anandh. V	A comparative study of effects of adding dexmedetomidine to 0.5% isobaric levobupivacaine with 0.5% isobaric dexmedetomidine alone in patients undergoing forearm and hand surgeries under axillary brachial plexus block.
3.	Anaesthesia	Dr. Kiran	Comparative study of 0.5% levobupivacaine alone with 0.5% levobupivacaine and dexmedetomidine epidurally for major orthopedic surgeries.
4.	Anaesthesia	Dr. Namita Mishra	To evaluate the efficacy and safety of dexmedetomidine and midazolam with propofol alone for sedation during awake fiberoptic nasotracheal intubation
5.	Anaesthesia	Dr. Satinder Kaur	Comparison of 0.125% ropivacaine-dexmedetomidine epidural labour analgesia.
6.	Anatomy	Dr. Apurba Patra	Variations in position, length and arterial supply of vermiform appendix in 30 adult human cadavers.
7.	Biochemistry	Dr. Priyanka Malik	Antiphospholipid antibodies in non-male unexplained infertility and recurrent abortions.
8.	Biochemistry	Dr. Vipul Gupta	Circulating levels of anti-TPO antibodies in patients of polycystic ovarian syndrome.
9.	Chest & TB	Dr. Don Gregory Mascarenhas	Initial sputum smear grading As a factor to predict treatment outcome in new sputum smear positive pulmonary tuberculosis.
10.	Chest & TB	Dr. Kamal Deep	Study to determine outcome among RNTCP cat 1 failure, cat 1 relapse and cat 1 defaulter when put on RNTCP cat II
11.	Chest & TB	Dr. Shiyas Mahammed	Need for physical, Social and economic rehabilitation of the patients suffering from TB and its complication or sequelae.
12.	Chest & TB	Dr. Sunil Kumar	Clinico-radiological presentation of pulmonary tuberculosis in the elderly
13.	Chest & TB	Dr. Vidhu Mittal	Peak expiratory flow rate in school children of age group 10-15 years in rural and urban areas
14.	Community Medicine	Dr. Ritu Rochwani	Hospital based study of psychosocial problems among drug abusers taking treatment at deaddiction centre department of psychiatry, Govt. Medical College/Rajindra Hospital, Patiala.
15.	E.N.T	Dr. Ghatdeep K. Lamba	A comparative study of 50 patients undergoing Ossiculoplasty Using Various graft materials.
16.	E.N.T	Dr. Harpuneet K. Bakshi	A study on hearing profile in hypothyroidism and comparative evaluation of hearing in hypothyroid subjects before and after treatment with thyroxine.
17.	E.N.T	Dr. Namrita Mehmi	A clinicopathological study of squamous cell carcinoma of oral cavity and oropharynx in nonsmoker and nondrinker patients.
18.	E.N.T	Dr. Parul Sachdeva	A study of anatomical variations of osteomeatal complex in chronic rhinosinusitis patients attending ENT outdoor at Rajindra Hospital, Patiala.
19.	E.N.T	Dr. Shelija Wadhwa	Preoperative HRCT, intraoperative findings and

			histopathological co-relation in 60 cases of cholesteatoma.
20.	E.N.T	Dr. Vishal Sharma	Evaluation of hearing loss in patients taking Anti-Tubercular drugs for MDR-TB
21.	Medicine	Dr. Ashish Kumar	Evaluation of diastolic dysfunction of heart in primary hypertension.
22.	Medicine	Dr. Gayathri R Pillai	Study of frequency of spontaneous bacterial peritonitis and associated risk factors in cirrhotic patients with ascites.
23.	Medicine	Dr. Gurleen Chahal	COMPARATIVE ANTIHYPERTENSIVE EFFECT OF HYDROCHLOROTHIAZIDE AND CHLORTHALIDONE ON ESSENTIAL HYPERTENSION (JNC VII STAGE 1)
24.	Medicine	Dr. Gurpreet Singh	Correlation between electrocardiography and echocardiography in patients with left ventricular hypertrophy.
25.	Medicine	Dr. Gurpreet Singh	A study of cardiac manifestations of HIV/AIDS
26.	Medicine	Dr. Ishwar Chouhan	To study the clinical profile of various neurological manifestations in HIV positive patients and their correlation with CD4 counts.
27.	Medicine	Dr. Jas Raj Panwar	Comparative study of efficacy and safety of vildagliptin and glimepiride in the treatment of diabetes mellitus type-2
28.	Medicine	Dr. Keyur J. Shah	A study of lipid profiles in HIV patients in correlation of CD4+ Cell Counts.
29.	Medicine	Dr. Madhu Bala	A comparative study of losartan (Angiotensin receptor blocker) and ramipril (Ace inhibitor) in hypertension.
30.	Medicine	Dr. Mirnal	Study of conduction blocks in acute myocardial infarction.
31.	Medicine	Dr. Richa Bansal	Study if usage of blood components in Medical care setting.
32.	Medicine	Dr. Rintu Sharma	Thyroid dysfunction in diabetes mellitus: A study of 200 cases.
33.	Microbiology	Dr. Sheenam Kansal	Prevalence of Non-Fermenters and their Antibiotic sensitivity pattern in clinical samples from patients admitted in Rajindra Hospital, Patiala.
34.	Obst. & Gynae	Dr. Atish Singla	A Hospital based study of prevalence of Gestational Diabetes Mellitus.
35.	Obst. & Gynae	Dr. Gurbinder Kaur	Laparoscopic evaluation of infertility
36.	Obst. & Gynae	Dr. Isha Gupta	To study the safety and efficacy of intravenous iron sucrose complex therapy in iron deficiency anaemia in pregnant women.
37.	Obst. & Gynae	Dr. Navneet Kaur	Hysteroscopic evaluation in gynaecological cases.
38.	Obst. & Gynae	Dr. Nisha Bhagat	A comparative study of liquid based cytology and colposcopic impression in discharge per vaginum
39.	Obst. & Gynae	Dr. Princy Mittal	Evaluation of intra-uterine lesions in infertile women by hysteroscopy and transvaginal sonography.
40.	Obst. & Gynae	Dr. Richa Arora	Ultrasonographic evaluation of placental thickness and umbilical cord coiling index in second trimester of gestation and pregnancy outcome.
41.	Obst. & Gynae	Dr. Sachayta	Placenta previa : Risk factors and fetomaternal outcome- An eighteen months prospective study
42.	Obst. & Gynae	N.Chakheni	
43.	Obst. & Gynae	Dr. Shimanku	A comparative study between ultrasound and endoscopic findings in abnormal uterine bleeding
44.	Ophthalmology	Dr. Gurvir Kaur	To study the visual outcome of cataract surgery of camp patients operated at Rajindra Hospital Patiala.
45.	Ophthalmology	Dr. Harleen Kaur	Incidence of dry eye in type 2 diabetes mellitus cases in rural population.

46.	Ophthalmology	Dr. Nisha Bachkheti	A comparative study to evaluate the efficacy and safety of a fixed combination regimen of the same drugs in separate formulations in subjects with primary open-angle glaucoma (POAG)
47.	Ophthalmology	Dr. Saanchal Sethi	A comparative study of conventional manual small incision cataract surgery (c-msics) with 6.5mm straight scleral incision with modified manual small incision cataract surgery (M-Msics) with 5.5mm minimally
48.	Ophthalmology	Dr. Shray Dogra	The intraocular pressure lowering efficacy of 0.5% timolol maleate versus 1% brinzolamide in cases of primary open angle glaucoma and ocular hypertension
49.	Orthopaedics	Dr. Ashutosh Garg	Treatment of non union of long bones by application of rail fixator.
50.	Orthopaedics	Dr. Deepak Kumar	Role of autologous blood injection in comparison to corticosteroids in the treatment of tennis elbow.
51.	Orthopaedics	Dr. Gaganpreet Singh	Intra-medullary vs extra-medullary fixation of subtrochantric fractures of femur.
52.	Orthopaedics	Dr. Pritpal Singh	DHS in intertrochanteric fracture with and without derotation screw – A comparative study of 15 cases each.
53.	Orthopaedics	Dr. Rahul Kunder	A study of 30 cases of bipolar arthroplasty in highly comminuted intertrochanterics fractures operated at Rajindra Hospital Patiala.
54.	Orthopaedics	Dr. Vishal Verma	Role of New generation corticosteroids in the treatment of rheumatoid arthritis (A study of 30 cases)
55.	Orthopaedics	Dr. Ranbir Singh	Comparative study of interlock nailing versus dynamic compression plating in fractures of tibia (A study of 50 cases) at Rajindra Hospital, Patiala.
56.	Paediatrics	Dr. Arsha R. Nair	Cardiovascular status in regularly transfused thalassemia major children.
57.	Paediatrics	Dr. Daizy Bansal	To assess and compare the efficacy and safety of nebulized hypertonic saline and nebulized epinephrine in children upto 2 years of age with moderate bronchiolitis.
58.	Paediatrics	Dr. Vajinder Singh	Myocardial dysfunction in perinatal asphyxia assessed by CPK MB levels.
59.	Pathology	Dr. Abha Singla	PLATELET AUDIT: ASSESSMENT AND ITS UTILIZATION IN 1000 UNITS OF PLATELET TRANSFUSIONS IN RAJINDRA HOSPITAL, PATIALA.
60.	Pathology	Dr. Ankita Goel	Comparison of surepaths liquid based cytology with conventional PAP smear in screening of cervical cancer.
61.	Pathology	Dr. Anudeep Gill	Comparison of Histopathological and immunohistochemical Sub-Types of Breast cancer.
62.	Pathology	Dr. Jasmeen Kaur	Expression of estrogen receptor, Progesterone receptor and her-2/neu in endometrial carcinoma – A Clinicopathological study.
63.	Pathology	Dr. Nidhi Goyal	Bone marrow and peripheral blood smear findings in 60 cases of lymphoma.
64.	Pathology	Dr. Nishit Gupta	Conventional cytosmears, liquid based cytology and cell block preparations in pleural effusions.
65.	Pathology	Dr. Rishu Mittal	Study of ascitic fluid by liquid based cytology and its comparison with conventional cytosmears and cell block preparations.
66.	Pathology	Dr. Shruti	Role of micro-RNAs polymorphisms in relation of breast cancer risk in a north Indian population.
67.	Pediatrics	Dr. Kazmi Raina	Serum zinc levels in children with who defined severe pneumonia.
68.	Pediatrics	Dr. Vajinder Singh	Myocardial dysfunction in perinatal asphyxia assessed by

			CPK MB levels.
69.	Pharmacology	Dr. Hemant Kumar Banga	A comparative study to evaluate the efficacy and safety of ketorolac tromethamine 0.5% ophthalmic solution, olopatadine hydrochloride 0.1% ophthalmic solution and loteprednol etabonate 0.5% ophthalmic solution in patients of seasonal allergic conjunctivitis.
70.	Pharmacology	Dr. Jasleen Kaur	A comparative study to evaluate the efficacy and safety of topical benzoyl peroxide 2.5% gel and clindamycin 1% gel versus topical tretinoin 0.025% and clindamycin 1% gel in patients of acne vulgaris.
71.	Pharmacology	Dr. Payalpreet	To study the trends and prescription auditing of antimicrobials in community acquired pneumonia.
72.	Pharmacology	Dr. Ved Prakash	To compare hypolipidemic effect and safety profile of terminalia arjuna with rosuvastatin in patients of dyslipidemia.
73.	Physiology	Dr. Shikha Jhamb	Effect of hypothyroidism on brainstem auditory evoked potential.
74.	Psychiatry	Dr. Himanshu Gupta	Study of body image perception, psychiatric morbidity and quality of life in patients of breast cancer.
75.	Psychiatry	Dr. Vijit Jaiswal	Psychiatric Morbidity among chronic low back pain patients.
76.	Radiodiagnosis	Dr. Hargurjeet Singh	Role of computed tomography in evaluation of nontraumatic acute abdomen.
77.	Radio-diagnosis	Dr. Hemal Grover	Correlation of Radiological profile with CD4 counts in patients of pulmonary tuberculosis with HIV.
78.	Radio-Diagnosis	Dr. Navdeep Kaur	Evaluation of symptomatic breast disease by mammography and sonomammography.
79.	Radio-Diagnosis	Dr. Navjeet Singh	Role of CT in evaluation of acetabular fractures
80.	Radio-diagnosis	Dr. Pushpinder Singh	Role of ultrasound and computed tomography in the evaluation of gall bladder masses.
81.	Radio-diagnosis	Dr. Trinath Attal	Role of Color Doppler monography in the evaluation of vascular diseases of the extra cranial carotid vessels
82.	S.P.M	Dr. Priyanka Gupta	To assess the quality of life of people living HIV/AIDS attending antiretroviral therapy centre Rajindra Hospital, Patiala, Punjab
83.	Skin & VD	Dr. Abhishek Malviya	A study to determine the dermatological manifestations in patients with thyroid disorders
84.	Skin & VD	Dr. Sukhwinder Singh Mattu	A study to determine HIV status in patients with oral lesions and correlation of oral lesions with CD4 count in positive patients.
85.	Surgery	Dr. Chandra Shekhar	Diagnostic approach to the palpable breast lumps using modified triple test.
86.	Surgery	Dr. Anand Ghai	Evaluation of hyperbilirubinemia as a new diagnostic marker for acute appendicitis and its role in the prediction of appendicular perforation
87.	Surgery	Dr. Anand Singla	A comparison between RIPASA scoring and Modified Alvarado scoring in the diagnosis of acute appendicitis.
88.	Surgery	Dr. Ankit Goyal	Comparative of endo-loop v/s intracorporeal transfixation of the base of appendix in laproscopic appendectomy.
89.	Surgery	Dr. Anupam Goel	Incidence of carcinoma breast in patients presenting with palpable lump breast
90.	Surgery	Dr. Ashish Moudgil	A study of clinical correlation with status of estrogen/progesterone receptor and HER/2NEU in 50 cases of breast carcinoma.
91.	Surgery	Dr. Bimaljot Singh	A prospective randomized study of intraperitoneal instillation of ropivacaine versus bupivacaine in reduction of post operative pain after laparoscopic cholecystectomy

92.	Surgery	Dr. Hershdeep Singh	A comparative of open technique versus blind technique in placement of primary port in laproscopic procedures
93.	Surgery	Dr. Jalaj Kumar Rathi.	Prospective study on the role of centchroman in regression of mastalgia.
94.	Surgery	Dr. Kamna Aggarwal	Propylactic use of pre-operative gabapentin for prevention of post-operative mausea and vomiting in patients of laparoscopic cholecystectomy.
95.	Surgery	Dr. Manish Yadav	Alterations in the liver function tests following laparoscopic cholecystectomy
96.	Surgery	Dr. Neeraj Pawar	Comparative study of clipped and clipless laparoscopic cholecystectomy
97.	Surgery	Dr. Neeraj Prasad	A Classification of anatomy of rouvier sulcus as seen during laparoscopic cholecystectomy
98.	Surgery	Dr. Rupesh Nagori	Day-Care total extraperitoneal repair of inguinal hernia- A prospective study
99.	Surgery	Dr. Shashikant V. Asabe	Evaluation of thyroid profile in carcinoma breast patients.
100.	Surgery	Dr. Shashikant V. Asabe	Effectiveness of Mannheim peritonitis index scoring system in predicting the morbidity and mortality in peritonitis due to hollow viscus perforation.
101.	Surgery	Dr. Sunita Goyal	Comparative study of stapled haemorrhoidectomy versus milligan morgan's haemorrhoidectomy
102.	Surgery	Dr. Suresh Kumar	Comparative of laparoscopic repair of incisional and ventral hernias with tacker or suture mesh fixation – A prospective randomized controlled study