

Govt. Medical College, Patiala.

Thesis Plan of MD/M.Sc Students admitted in session 2014-17

Sr. No.	Name of Department	Name of Student	Topic
1.	MD Anaesthesia	Dr. Naveen Kumar	Comparative study of unilateral spinal block with 0.5% hyperbaric bupivacaine and clonidine versus 0.5% hyperbaric bupivacaine alone for anaesthesia and perioperative analgesia in patients undergoing lower limb orthopaedic surgeries.
2.	MD Chest & TB	Dr. Anand Kumar Bansal	Prospective study of demographic and clinico-radiological profile of patients presenting with pleural effusion.
3.	MD Chest & TB	Dr. Varinder Singh	Prospective study of epidemiology and risk factors responsible for the development of multidrug-resistant tuberculosis.
4.	MD Chest & TB	Dr. Hardik Jain	The correlation of aspergillus skin hypersensitivity with the duration and severity of asthma
5.	MD Chest & TB	Dr. Muralidharan	Prevalence of tuberculosis among household contacts of multiple drug resistant tuberculosis patients.
6.	M.Sc Anatomy	Ms. Smily	Correlation of anthropometric parameters in females with blood pressure in different endogamous
7.	M.Sc Anatomy	Mr. Rupinder Singh	Anatomy of lumbar interspinous ligaments in 30 adult human cadavers.
8.	M.Sc Biochemistry	Ms. Priya Duvedi	Contemporary role of prostate specific antigen (PSA) in prostate diseases.
9.	MD Medicine	Dr. Aditya Duggal	Role of vitamin D3 supplementation as an adjuvant therapy in statin treated dyslipidemias.
10.	MD Medicine	Dr. Ankit Bansal	To study the prevalence of metabolic syndrome among HIV-Infected patients.
11.	MD Medicine	Dr. Husan Pal	Study of gender differences in risk profile, clinical presentation and other aspects of ischemic heart disease,
12.	MD Medicine	Dr. Kamal Preet Singh	Study of electrocardiographic and echocardiographic changes in patients with chronic kidney disease.
13.	MD Medicine	Dr. Karanpartap Singh	Electrocardiographic changes in acute stroke patients.
14.	MD Medicine	Dr. Rahul	Evaluation of serum uric acid levels in essential hypertension.
15.	MD Medicine	Dr. Salil Jaura	Relationship of serum sodium levels with myocardial infarction.
16.	MD Medicine	Dr. Saruchi Garg	Comparison of prevalence of dyslipidemia and carotid

			atherosclerosis among newly diagnosed HIV reactive patients and those on art.
17.	MD Medicine	Dr. Suresh Kumar	Study of haematological profile in HIV patients in correlation to CD4 count.
18.	MD Medicine	Dr. Suprabha	Non invasive predictors of esophageal Vs in cirrhosis of liver.
19.	MD Medicine	Dr. Sourabh Murarka	Study of cardiovascular manifestations in newly diagnosed hypothyroid patients.
20.	MD Medicine	Dr. Pallav Jain	To study trasfusion support in cancer patients in tertiary care hospital (RHP).
21.	MD Microbiology	Dr. Faria Ashraf	Detection of Metallo beta lactamase production pseudomonas aeruginosa in various clinical samples received from Rajindra Hospital, Patiala
22.	MD Paediatrics	Dr. Dipti.B	The effect of counseling on the reporting of sexual abuse in children aged 12-17 years, A study from the schools of patiala.
23.	MD Paediatrics	Dr. Inder Kumar	Study of urinary uric acid to creatinine ratio as a marker of perinatal asphyxia.
24.	MD Paediatrics	Dr. Ankur Handa	To assess hepatic function (LFTs), serum iron and TIBC in thalassemia major children
25.	MD Paediatrics	Dr. Gaurav Gupta	A study of thyroid function in thalassemia major children.
26.	MD Paediatrics	Dr. Mehak Arora	To study the variability in temperature recorded at different sites (axilla, groin, popliteal and plantar aspect of base of toes) in new borns as compared to rectal temperature.
27.	MD Paediatrics	Dr. Parminder Kaur	Breathing pattern in healthy preterm babies.
28.	MD Paediatrics	Dr. Samandeep Kaur	To study the incidence of Birth asphyxia and modes of resusritation used in Rajindra Hospita, Patiala.
29.	MD Pathology	Dr. Bhavleen	Histopathological pattern in lung specimen of post-mortem cases with a minimum of 100 cases of more than 18 years of age.
30.	MD Pathology	Dr. Deepika	Bone marrow findings in cases of thrombocytopenia.
31.	MD Pathology	Dr. Garima Anand	Histopathological and biochemical evaluatin in papulosquamous lesions of skin-a study of 100 cases.
32.	MD Pathology	Dr. Jasneet Kaur	Evaluation of hematological parameters among HIV reactive patients on antiretroviral therapy and treatment naive patients: A comparative study

33.	MD Pathology	Dr. Kimi Chhabra	Prothrombin time and activated partial thromboplastin time co-relation in case of liver disease- A study of 100 cases.
34.	MD Pathology	Dr. Mandeep Aulakh	The Clinical, histopathological and HPV genome correlation in oral cavity/ oropharyngeal tumours - A study of 100 cases.
35.	MD Pathology	Dr. Navpreet Kaur	Histopathology, PAP SMEAR and HPV genome in suspicious cervix.
36.	MD Pathology	Dr. Ramandeep Kaur	immunohistochemical profile of infiltrating ductal carcinoma breast (Not otherwise specified)- A study of 100 cases
37.	MD Pathology	Dr. Swarupa Chakma	Clinicopathological correlation of erythroderma cases- A study of 60 cases.
38.	MD Pharmacology	Prashant	A study of prescribing pattern, cost of medical therapy and quality of life in patients of metabolic syndrome in north indian population.
39.	MD Pharmacology	Dr. Hema Chhabra	To compare the effect of benzalkonium chloride-preserved latanoprost and benzalkonium chloride-free latanoprost on ocular surface health in patients of primary open angle glaucoma or ocular hypertension.
40.	MD Psychiatry	Dr. Jitender Nagpal	To study psychosocial stressors and quality of life in shift duty health professionals
41.	MD Psychiatry	Dr. Satinder Kaur	To study the psychiatric morbidity and psychosocial stressors in adolescents attending psychiatry opd in a tertiary care hospital.
42.	MD Radiodiagnosis	Dr. Amanjeet Kaur	Ultrasound evaluation of fetal central nervous system anomalies and its correlation with postnatal outcome.
43.	MD Radiodiagnosis	Dr. Jasvir Singh	Imaging evaluation of gall bladder wall thickening and its correlation with clinical and histopathological findings.
44.	MD Radiodiagnosis	Dr. Naveen Chandrashekhar	Role of computed tomography in the evaluation of colorectal lesions
45.	MD Radiodiagnosis	Dr. Samrin Haq	Correlatin of computed tomography features and extracerebral carotid doppler findings in patients with acute ischemic stroke.
46.	MD Radiodiagnosis	Dr. Sangeeta Pamnani	Role of ultrasound in diagnosis of fetal congenital abdominal anomalies: One and half year prospective study.
47.	MD Radiodiagnosis	Dr. Shivani Sharma	The role of echocardiography in prenatal screening of congenital

			structural heart diseases and its correlation with postnatal outcome.
48.	MD Radiodiagnosis	Dr. Simran Bali	Comparative evaluation of ultrasonography and findings in focal hepatic masses.
49.	MD Radiodiagnosis	Dr. Sugandha Garg	Evaluation and comparison of IOTA Logistic regression models LR1 and LR2 in Prediction risk of ovarian malignancy
50.	MD Skin & VD	Dr. Aastha Sharma	Cutaneous manifestations in pregnancy
51.	MD Skin & VD	Dr. Ravinder Singh	Dermatosis in chronically photo exposed parts- a study of clinicohistopathological correlation
52.	MD Skin & VD	Dr. Sarvjit Kumari	Pruritic and papular eruptions in HIV patients- A study of clinicopathological correlation.
53.	Obst. & Gynae	Dr. Harnavneet Kaur	Correlation of vaginal pH with FSH levels in menopause.
54.	Obst. & Gynae	Dr. Himani	Study of the relation of BMI with dysmenorrhea in adolescents
55.	Obst. & Gynae	Dr. Ramiti Gupta	A study of midtrimester measurement of cervical length by transvaginal USG as a predictor of preterm labour.
56.	Obst. & Gynae	Dr. Ravneet Kaur	Effect of increased body mass index on fetomaternal outcome in nulliparous women delivering singleton babies.
57.	Obst. & Gynae	Dr. Santosh Kumari	A comparative study of combination of intra cervical catheter and intra vaginal misoprostol versus intra vaginal misoprostol alone in induction of labour.
58.	Obst. & Gynae	Dr. Simrat Kaur	Correlation of LBC, HPV & Colposcopy in in suspicious cervix
59.	Obst. & Gynae	Dr. Surbhi Saini	Comparison of effect of drotavarine hydrochloride and a combination of hyoscine-n-butyl bromide with valethamate bromide on the duration of active phase of labor
60.	Obst.& Gynae	Dr. Amandeep Kaur	Correlation of maternal outcome of eclampsia with findings of computed tomography scan of head.
61.	Obts. & Gynae	Dr. Namita Chopra	Correlation of ultrasound with histopathology for retained

			products of conception in medically managed abortions.
62.	Pathology	Dr. Jasmine Kaur Khanna	Estrogen and progesterone receptor status in ovarian neoplasms and their histopathological correlation
63.	Ophthalmology	Dr. Shipra Gupta	Quality of life in cataract patients.
64.	Ophthalmology	Dr. Heena Rajput	Visual outcome after cataract (SICS) surgery in routine Vs hospital based camp patients.
65.	Ophthalmology	Dr. Navreet Kaur	Comparison of postoperative macular edema in diabetic patients in manual sics Vs phacoemulsification.
66.	Anaesthesia	Dr. Gurpreet Kaur Atwal	To evaluation the comparison of intubating conditions using fentanyl plus propofol versus fentayl plus midazolam during fiberoptic laryngoscopy.
67.	Anaesthesia	Dr. Ajay Kumar Basra	Comparing the ease of insertion and haemodynamic changes of laryngeal mask airway and combitube in patients undergoing general anaesthesia.
68.	Ophthalmology	Dr. Ekta Gupta	A comparative study of posterior capsule opacification following hydrophillic acrylic hydrophobic acrylic and rigid polymethylmethaacrylate (PMMA), Intraocular lens.
69.	Ophthalmology	Dr. Shweta	To study ophthalmic manifestation in migraine.
70.	E.N.T	Dr. Himanshu C. Bayad	The study of use of toluidine blue as an adjunctive tool to clinical examination in early diagnosis of oral premalignant lesions and oral malignant lesions.
71.	Anaesthesia	Dr. Priyanka Gupta	Evaluation of hemodynamic response to induction and incidence of myochonus with etomidate and propofol.
72.	Anaesthesia	Dr. Rupali	A comparative study of effects of ropivacaine versus ropivacaine and fentantyl in spinal anaesthesia for caesarean section.
73.	Anaesthesia	Dr. Deepinder Kaur	A comparative evalutaionof haemodynamic changes and intubating conditions with succinylcholine and rocuronium.
74.	Anaesthesia	Dr. Parul Rani	Pre-emptive analgesia by

			intraperitoneal instillation of Ropivacaine in laparoscopic cholecystectomy.
75.	Radio-diagnosis	Dr. Rajiv Bhalla	Correlation between high-resolution computed tomography features and spirometry findings in interstitial lung diseases.