

**Govt. Medical College, Patiala**  
**Plan of Thesis For Approval (Student Admitted in 2013)**

Sr.no	Name of the Candidate	Specialty	Proposed topic of thesis plan
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Sr. No.	Name of Candidate	Specialty	Proposed topic of plan of thesis
1.	Dr. Manpreet Kaur Dhillon	MD (Biochemistry)	Evaluation and correlation of 25 hydroxy vitamin D with serum calcium and magnesium in normal pregnancy and pregnancy induced hypertension.
2.	Dr. Inderpreet Kaur	MD (Biochemistry)	Evaluation of 25-Hydroxy vitamin D, serum transaminases and serum triglycerides in ultrasonographically diagnosed cases of non alcoholic fatty liver disease.
3.	Dr. Shweta Tripathi	MD (Biochemistry)	Evaluation and correlation of plasma insulin, LDL : HDL ratio and glycosylated hemoglobin in diabetic versus Non- diabetic stroke patients.
4.	Dr. Ajay Kumar Meena	MD (Medicine)	Frequency and associations of musculoskeletal complications in patient with diabetes mellitus.
5.	Dr. Chandan Deep	MD (Medicine)	Comparative efficacy of gliclazide with matformin versus glibenclamide with matformin on glycaemic control in patients with type 2 diabetes mellitus.
6.	Dr. Jagroop Singh	MD (Medicine)	Etiological profile of new onset seizures in adults.
7.	Dr. Pargat Singh	MD (Medicine)	Clinical and etiological profile of acute febrile illness with thrombocytopenia.
8.	Dr. Honey Sharma	MD (Medicine)	Frequency, Determinants and outcome of upper gastrointestinal bleed among patients with liver cirrhosis.
9.	Dr. Paraag Kumar	MD (Medicine)	To Study the relation of glycated haemoglobin with carotid artery intimal thickness in patients with ischaemic stroke.
10.	Dr. Saksham Jain	MD (Medicine)	Evaluation of left ventricular diastolic dysfunction in coronary artery disease by Doppler echocardiography.
11.	Dr. Ruchika Singla	MD (Medicine)	A comparative study of Cilnidipine and amlodipine (calcium channel blockers) in Hypertension.
12.	Dr. Heena Kathuria	MD (Medicine)	A comparative study of Olmesartan medoxomil (Angiotensin receptor blocker) and ramipril (ACE INHIBITOR) in hypertension.
13.	Dr. Manpreet Kapoor	MD (Medicine)	To study the demographic profile and clinical features of admitted HIV positive patients and their correlation with CD4 counts.
14.	Dr.	MD (Medicine)	The role of platelet transfusion in the

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	Kulwinder Lal		management of dengue fever at tertiary care hospital
15.	Dr. Harmandeep Grewal	MD (Microbiology)	Comparative and open study to see the role of tzanck smear and serum IgG1 and IgG2 among clinically suspected cases of herpes infection.
16.	Dr. Sambli Garg	MD (Obst. & Gynae)	Risk factors for morbidity and mortality in eclampsia- A Prospective analytical study.
17.	Dr. N. Chakheni	MD (Obst. & Gynae)	A comparative study of manual verses instrumental insertion of intra-caesarean Post-Partum intrauterine contraceptive device
18.	Dr. Aayushi Kaushal	MD (Obst. & Gynae)	Mifepristone plus misoprostol versus misoprostol for 2 <sup>nd</sup> trimester termination of pregnancy
19.	Dr. Swati Jain	MD (Obst. & Gynae)	Estimation of serum lipid profile in patients of pre-eclampsia.
20.	Dr. Tulika Aggarwal	MD (Obst. & Gynae)	To study the comparison of oral iron versus parenteral iron sucrose in the treatment of post partum anaemia.
21.	Dr. Poonam	MD (Obst. & Gynae)	Obstetric and perinatal outcome of pregnancies with nuchal cord
22.	Dr. Rupinder Sidhu	MD (Obst. & Gynae)	Socio demographic profile and sero-prevalence of sexually transmitted infections (HIV, Hepatitis B, Hepatitis C, Syphilis) in asymptomatic pregnant females.
23.	Dr. Sandeep Kumar	MD (Paediatrics)	Prevalence of hypertension in school going children of age group 10-17 years in Patiala city.
24.	Dr. Ravi Kant	MD (Paediatrics)	To study the effect of prolonged use of inhaled corticosteroids (ICS) on carbohydrate metabolism in children aged 5-12 years having bronchial asthma
25.	Dr. Manjeet Pal Kaur	MD (Paediatrics)	Feeding practices in very low birth weight babies born at Rajindra Hospital, Patiala.
26.	Dr. Nidhi Chadha	MD (Paediatrics)	Weight loss in healthy neonates in first three days of life.
27.	Dr. Sukhpreet Kaur	MD (Paediatrics)	Time of initiation of breastfeeding in various modes of deliveries and to observe the effect of low birth weight and period of gestation on initiation of breastfeeding.
28.	Dr. Balram Meena	MD (Paediatrics)	To study the prevalence of iron deficiency anaemia in children aged 6 months - 6 years presenting with febrile seizures in department of pediatrics.
29.	Dr. Anand Vardhan	MD (Pharmacology)	To study the trends and prescription auditing of bronchodilators in chronic obstructive pulmonary disease.

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30.	Dr. Akanksha Mahajan	MD (Pharmacology)	A study of prescribing pattern and cost of medical therapy in glaucoma patients.
31.	Dr. Renu	MD (Pharmacology)	A prospective parallel, randomized, open labeled, comparative study to evaluate antihypertensive efficacy and effect on biochemical parameters of Losartan + Hydrochlorthiazide versus Olmesartan + Hydrochlorthiazide in patients with stage 1 or stage 2 hypertension.
32.	Dr. Ruchika Lrene Dillu	MD (Pharmacology)	A study to compare efficacy, safety and tolerability of voglibose and metformin with metformin alone in type-2 diabetes mellitus.
33.	Dr. Manreet Singh Sekhon	MD (Pharmacology)	A prospective, Parallel, randomized, open labelled, comparative study to evaluate antihypertensive efficacy and effect on biochemical parameters of Losartan + Hydrochlorthiazide versus telmisartan + Hydrochlorthiazide in patients with stage 1 or stage 2 hypertension.
34.	Dr. Supreet Kaur Balgir	MD (Physiology)	Comparative study of heart rate variability in offsprings of hypertensive and normotensive parents.
35.	Dr. Arun Bansal	MD (Psychiatry)	A study of coping skills and psychiatric morbidity among prisoners.
36.	Dr. Pinky Swaroop	MD (Psychiatry)	Quality of life among intravenous drug users on OPIOID substitution therapy.
37.	Dr. Aman Dev Singh	MD (S.P.M)	Socio demographic profile of reproductive tract infection cases and its association with HIV, Hepatitis B, HEPATITIS C AND SYPHILIS in gynae outpatients department.
38.	Dr. Ishan Arora	MD (S.P.M)	Prevalence of diabetes mellitus among elderly population in field practice area of urban training health centre, Tripuri, under community medicine department, Government medical College, Patiala, Punjab
39.	Dr. Santpal Sangwan	MD (Skin & VD)	Vesiculobullous disorders- A study of clinicohistopathological correlation
40.	Dr. Mehak Tuli	MD (Skin & V.D)	Clinicobacteriological study of acne vulgaris
41.	Dr. Ashu	MS (Surgery)	Comparison of complications of extraction of gall bladder in an endobag v/s direct extraction through 10mm port in laproscopic cholecystectomy: prospective study.
42.	Dr. Varun	MS (Surgery)	A comparison of minilap grasper versus

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	Nagpal		hartmann's traction suture for traction in 2 port laproscopic cholecystectomy: A Prospective study
43.	Dr. Megha Sharma	MS (Surgery)	Evaluation of flat polypropylene mesh versus 3-D monofilament polypropylene mesh in laproscopic mesh hernioplasty in inguinal hernias.
44.	Dr. Dheeraj Kumar Godara	MS (Surgery)	Comparison between double ligation of appendicular stump with two loop knot versus one loop knot plus harmonic scalpel in laparoscopic appendectomy.
45.	Dr. Vikas Garg	MS (Surgery)	Laparoscopic cholecystectomy- A study comparing ligation of cystic duct using two clips single clip along with harmonic scalpel and only harmonic scalpel in symptomatic cholelithiasis.
46.	Dr. Supreet Singh	MS (Surgery)	A comparative prospective study of laproscopic cholecystectomy in acute cholecystitis versus non acute cases.
47.	Dr. Daizy Taranjot Kaur	MS (Surgery)	Etiological aspects of intestinal obstruction in adults- A Clinical study
48.	Dr. Rakesh Kumar	MS (Surgery)	A Study comparing primary suturing versus cyanoacrylate glue closure in facial injuries.
49.	Dr. Arun Sharma	MS (Anatomy)	Morphological study of the thyroid gland and its arterial supply
50.	Dr. Jaskaranpreet Kaur	MS (E.N.T)	Clinical presentation and pathological study of head and nek cancer in malwa region of punjab.
51.	Dr Navreet Jaura	MS (E.N.T)	A study of lateral nasal wall: anatomical variants, radiologic and endoscopic appearance and role in symptomatology in chronic rhinosinusitis patients attending the E.N.T. and head & neck surgery outdoor at Rajindra Hospital Patiala
52.	Dr. Pradeep Patidar	MS (E.N.T)	A study of concha bullosa types: Their relationship with sinusitis, Ostiomeatal and frontal recess disease.
53.	Dr. Mandeep Kaur	MS (E.N.T)	Role of trichloroacetic acid and gelfoam in closure of tympanic membrane perforations.
54.	Dr. Navreet Jaura	MS (E.N.T)	A study of anatomical variations of lateral wall of nose chronic rhinosinusitis patients attending the

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			E.N.T and Head & neck surgery outdoor at Rajindra Hospital, Patiala.
55.	Dr. Prabhleen Kaur	MD (Chest & TB)	25 Hydroxy vitamin D Levels in patients of COPD.
56.	Dr. Kiran N.	MD (Chest & TB)	Pulmonary function test changes before and with 24 hours of thoracocentesis.
57.	Dr. Navdeep Singh	MD (Chest & TB)	Prevalence of the tuberculosis among patients of diabetes mellitus attending diabetic clinic in a tertiary care center
58.	Dr. Daksh Jhim	MD (Chest & TB)	Correlation of six minute walk distance with spirometric and clinical parameters in COPD patients.
59.	Dr. Hitesh Gour	MD (Chest & TB)	Incidence, clinical and epidemiological risk factors and outcome of adverse drug reactions due to antitubercular agents in multidrug resistant tuberculosis,
60.	Dr. Geetanjali	MD (Pathology)	Correlation between clinical features, endoscopic findings and histopathological characteristics in various esophageal lesions – A study of 200 cases
61.	Dr. Rohini Goyal	MD (Pathology)	Complete blood counts and bone marrow aspiration correlation in case of pancytopenia - A study of 70 cases
62.	Dr. Sarbjeet Kaur	MD (Pathology)	Lesions of urinary bladder- A histopathological and cytological (Liquid Based cytology) study of 100 cases.
63.	Dr. Sonima	MD (Pathology)	A prospective audit of whole blood and its components.
64.	Dr. Pooja Garg	MD (Pathology)	Clinico-pathological correlation of lymphadenopathy in 200 cases.
65.	Dr. Aleena Jain	MD (Pathology)	Bone marrow trephine biopsy findings in chronic myeloid leukemia.
66.	Dr. Richika	MD (Pathology)	Histopathological pattern of soft tissue tumours in 200 cases.

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67.	Dr. Heena Singla	MD (Pathology)	Histopathological, Ultrasonography and clinical correlation of ovarian masses.
68.	Dr. Shikha Aggarwal	MD (Pathology)	A Study of adverse transfusion reactions after blood and its components transfusion in a tertiary care centre: A step towards hemovigilance.
69.	Dr. Poonam	MD (Pathology)	A study of comparison of conventional smear with liquid-based cytology of thyroid fnac.
70.	Dr. Geetanjali Puri	MD (Pathology)	Correlation between clinical features, endoscopic findings and histopathological characteristics in verious esophageal lesions- A study of 200 cases.
71.	Dr. Navneet Kaur	MS (Ophthalmology)	Intravitreal versus posterior subtenon injection of triamcinolone acetamide in diabetics macular edema
72.	Dr. Ramandeep Kaur	MS (Ophthalmology)	To study the comparison of efficacy and side effect profile of bimatoprost 0.03% versus fixed combination timolol 0.5% and dorzolamide 2% in patients with primary open angle glaucoma or ocular hypertension
73.	Dr. Amandeep Kaur	MS (Ophthalmology)	To compare the post operative visual outcome following small incision cataract surgery and phacoemulsification.
74.	Dr. Ankush Bhagat	MS (Ophthalmology)	The intraocular pressure lowering efficacy of 0.5% timolol maleate versus 0.0015% tafluprost in cases of primary open angle glaucoma and ocular hypertension.
75.	Dr. Yashi	MD (Radiodiagnosis)	A study of pelvic masses correlation of ultrasound and CT findings with histopathology.
76.	Dr. Varinder Kaur	MD (Radio-diagnosis)	The role of umbilical artery doppler velocimetry in oligohydramnios at or beyond 34 weeks and its correlations with fetal outcome.
77.	Dr. Sonam Singla	MD (Radio-diagnosis)	Comparative evaluation of ultrasonography and spiral CT in patients with solid organ injuries in blunt trauma abdomen due to motor vehicle accidents.
78.	Dr. Karun Wadhwa	MD (Radio-diagnosis)	Correlation between high resolution computed tomography features and spirometry finding in chronic obstructive pulmonary disease.
79.	Dr. Manjit Singh Sandhu	MD (Radio-diagnosis)	Role of computed tomography in evaluation of lung masses.
80.	Dr. Lovepreet Singh	MD (Radio-diagnosis)	Correlation of tirads (Thyroid imaging reporting and data system) and histopathological findings in evaluation of thyroid nodules.

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81.	Dr. Amit Singla	MD (Forensic Medicine)	Study of Histopathological findings of prostate in relation to age and post-mortem interval.
82.	Dr. Satbir Singh	MS (Orthopaedics)	Comparative study of 30 cases of local injection of autologous blood and corticosteroids in treatment of plantar fasciitis.
83.	Dr. Karan Alawadhi	MS (Orthopaedics)	DCS VS 95° angle blade plate fixation of subtrochantric fractures of femur.
84.	Dr. Ashish Garg	MS (Orthopaedics)	Management of type-A Extra-Articular supracondylar Fracture Humerus using various treatment modalities.
85.	Dr. Kuldeep Rathi	MS (Orthopaedics)	Osteosynthesis distal tibial metadiaphyseal fractures with plating v/s intramedullary nailing.
86.	Dr. Tajinder Bhalla	MS (Orthopaedics)	Tension band wiring vs reconstruction plate for the treatment of proximal ulna and olecranon fractures
87.	Dr. Sandeep Kumar Singhal	MS (Orthopaedics)	Minimally invasive percutaneous plate osteosynthesis in treatment of diaphyseal tibial fractures without the use of image intensifier- A study of 30 cases in Rajindra Hospital, Patiala
88.	Dr. Vikas V Patel	MS (Orthopaedics)	Dynamic HIP screw v/s proximal trochanteric contoured plate in proximal end fractures of femur
89.	Dr. Harbans Singh	MS (Orthopaedics)	Evaluation of outcome, Safety and efficacy of diaphyseal fracture of femur and tibia in children –treated by titanium elastic nailing system (TENS)
90.	Dr. Richa Pandav	MS (E.N.T)	A study of 60 patients to evaluate incidence of ototoxicity due to cisplatin in head and neck cancers
91.	Dr. Jasmeet Kaur	MD (Medicine)	Study of ECG changes and echocardiography in COPD patients
92.	Dr. Shilpa Popli	MD (Anesthesia)	To evaluate the efficacy of intrathecal bupivacaine and fentanyl versus bupivacaine, fentanyl and magnesium sulphate in spinal anaesthesia for transabdominal hysterectomy
93.	Dr. Kaushal Seth	MS (Surgery)	Prophylactic use of pre-operative dexamethasone for prevention of post-operative nausea, vomiting and pain in patients of laproscopic cholecystectomy
94.	Dr. Nancy Garg	MD (TB & Chest)	A study of correlation between the gold combined assessment test of chronic obstructive pulmonary disease (COPD) and patients perspective of severity of COPD on visual analogue scale

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95.	Dr. Anoop Kumar	MD (Anesthesia)	Effects of preloading with crystalloids on hemodynamics of patients undergoing surgery under spinal anaesthesia
96.	Dr. Kamini Singla	MD (Anesthesia)	The effects of pre anaesthetic, single-dose dexmedetomidine on induction, haemodynamic and cardiovascular parameters in laproscopic cholecystectomy
97.	Dr. Ritu Baloda	MD (Anesthesia)	Supraclavicular brachial plexus block with or without dexamethasone as an adjuvant to 0.5% levobupivacaine – A comparative study
98.	Dr. Kamlesh Kumar Singh	MS (Surgery)	Preoperative prediction of difficult laparoscopic cholecystectomy- A scoring method
99.	Dr. Nidhi Kumari	MD (Anesthesia)	Comparative study of haemodynamic response with laryngoscopic endotracheal intubation and laryngeal mask airway insertion in adult hypertensive patients
100.	Dr. Rajinderpal Singh	MS (Surgery)	Serum lipid profile in pre and post cholecystectomy patients
101.	Dr. Bhupinder Jeet Kaur	MD (Obst. & Gynae)	Evaluation of uterine factors in previous pregnancy loss
102.	Dr. Misha Goel	MD (Anesthesia)	Dexmedetomidine added to 0.5% levobupivacaine or 0.5% ropivacaine to prolong the effects of axillary brachial plexus block
103.	Dr. Dineshwar Pratap Singh	MS (Surgery)	A comparative prospective study of testicular perfusion following total extraperitoneal (TEP) repair and open (Lichtenstein's) tension free repair of inguinal hernia
104.	Dr. Meenu Sidhu	MS (Ophthalmology)	A comparative study of visual outcome and corneal complications with four techniques of nucleus management in manual small incision cataract surgery
105.	Dr. Pallavi Mittal	MS (Surgery)	A comparative study between the use of harmonic scalpel versus unipolar cautery in modified radical mastectomy
106.	Dr. Jaspreet Kaur	MD (Anesthesia)	A comparative study of attenuation of pressor response to awake fiberoptic intubation with dexmedetomidine alone versus midazolam and fentanyl
107.	Dr. Jagpal Singh	MS (Surgery)	Outcome of wide excision versus limberg flap repair in pilonidal sinus – A comparative study

Dr. Ashwani Kumar, Professor,	Dr. Pardeep Kumar, Assoc. Professor,
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				Deptt. of Surgery, GMC Patiala.	Deptt. of Surgery, GMC Patiala.
108.	Dr. Anumeet Bagga	MS (Surgery)	Classification of rouviere's sulcus as seen during autopsy	Dr. Mohinder Singh, Prof., Deptt. of Surgery, GMC Patiala.	Dr. Sat Singh, Prof., MS (Surgery), GMC Patiala. Dr. S.S. Oberoi, Addl. Prof., Deptt. of Medicine, GMC Patiala.
109.	Dr. Divya Sharda	MD (Obst & Gynae.)	Comparison between CT scan pelvis and cystoscopy findings of bladder involvement in patients of carcinoma cervix in view of revised figo staging	Dr. Manjit Kaur Mohi, Prof. & Head, Deptt. of Obst. & Gynae, GMC Patiala.	Dr. Har Singh, Prof. & Head, Deptt. of Urology, GMC Patiala. Dr. Manjit Kaur, Assoc. Prof., Deptt. of Obst. & Gynae, GMC Patiala. Dr. Sarbjit Sethi, Assoc. Prof., Deptt. of Radiology, GMC Patiala.

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