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**IMPLEMENTATION OF ELECTIVES**

**ELECTIVES POSTING – 2022 BATCH**

**(Date: 2<sup>nd</sup> February 2026 to 15<sup>th</sup> February 2026)**

**BLOCK 2**

**DEPARTMENT OF GENERAL MEDICINE**

**ELECTIVE MODULE: COMMON HEPATIC DISORDERS**

**CODE: Med 01**

**Number of student – 12**

<b>Name of Block</b>	02
<b>Name of Elective</b>	Common Hepatic Disorders
Location of hospital lab or research facility	1. Medicine wards 2. MICU 3. Biochemistry Lab
Learning objectives of the elective	1. To describe anatomy and physiology of liver 2. To describe 3. liver function test 4. To describe etiology, clinical features, laboratory investigation, management and complications of viral hepatitis 5. To describe etiology, clinical features, investigations, management and complications of cirrhosis of liver
Prerequisites for the elective	1. Vaccination against Hepatitis B 2. COVID Vaccination
Learning resources for students	1. Davidson's principles and practice of Medicine 23 <sup>rd</sup> edition 2. Harrison's principles of Internal Medicine 21 <sup>st</sup> edition 3. API
List of activities in which the student will participate	1. Self-directed learning 2. Syndicate seminar 3. Case based discussion 4. Group discussion 5. Bed-side clinics 6. Participate in OPD and IPD rounds 7. Present at least two cases that are fully worked up in the teaching session 8. Participate in patient education and multidisciplinary team meetings
Log book entry required	Yes
Assessment	1. Continuous assessment in 15 days 2. Logbook 3. MCQ test
Other comments	

**DEPARTMENT OF GENERAL MEDICINE**

ELECTIVE MODULE: GERIATRIC MEDICINE

**CODE: Med 02****Number of student – 12**

<b>Name of Block</b>	02
<b>Name of Elective</b>	Geriatric Medicine
<b>Location of hospital lab or research facility</b>	1. Medicine wards 2. Geriatric outpatient department 3. General Medicine wards
<b>Learning objectives of the elective</b>	1. To know about Basics of Geriatric medicine, Nutrition of elders. 2. To learn about assessment of Geriatric patients & Adult immunization in elders. 3. To learn about Dementia & delusion & home care & prevention of fall in elders. 4. To learn about peri-operative & post-operative care in geriatric population. 5. To learn about assisted devices & use of artificial intelligence in geriatric population.
<b>Prerequisites for the elective</b>	3. Vaccination against Hepatitis B 4. COVID Vaccination
<b>Learning resources for students</b>	6. Davidson's principles and practice of Medicine 23 <sup>rd</sup> edition 7. Harrison's principles of Internal Medicine 21 <sup>st</sup> edition 8. API
<b>List of activities in which the student will participate</b>	1. Self-directed learning 2. Case based discussion 3. Group discussion 4. Bed-side clinics 5. Participate in OPD and IPD rounds 6. Present at least two cases that are fully worked up in the teaching session 7. Participate in patient education and multidisciplinary team meetings
<b>Log book entry required</b>	Yes
<b>Assessment</b>	1. Continuous assessment in 15 days 2. Logbook 3. MCQ test
<b>Other comments</b>	nil

## DEPARTMENT OF GENERAL SURGERY

### ELECTIVE MODULE: ASSESSMENT & MANAGEMENT OF HEAD INJURY

**Code – Surg 01**

**Number of Students - 10**

<b>Name of Electives</b>	Assessment & Management of Head Injury
<b>Location</b>	Emergency dept., ICU, Operation Theater
<b>Pre requisite of Elective</b>	Patients admitted with Head injury
<b>Learning Resource</b>	Belly & Loves Text book of General Surgery Text book of Neuro Anatomy by Mahapatra Web search
<b>List of activities student camp participate</b>	1. History taking 2. Clinical Examination 3. Assist in Management 4. Assist in surgery 5. Communication skills
<b>Documentation in portfolio</b>	5 cases
<b>Logbook entries</b>	
<b>Assessment</b>	Percentage of attendance Case presentation Viva voce
<b>Feed Back</b>	

**DEPARTMENT OF GENERAL SURGERY**  
**ELECTIVE MODULE: COLONOSCOPY**  
**Code – Surg 02**  
**Number of Students - 10**

<b>Name of Electives</b>	Colonoscopy
<b>Learning Objective</b>	To learn basic concepts of colonoscopy
<b>Pre-requisite of Elective</b>	Patients
<b>Learning Resource</b>	1) Practical Gastrointestinal Endoscopy (The fundamentals) by Cotton and Williams 2) Atlas of Endoscopy with Narrow band imaging, Springer
<b>List of Activities students can participate</b>	1) History taking 2) Communication skills  3) Hands on training
<b>Documentation in portfolio</b>	5 Cases
<b>Logbook entries</b>	
<b>Assessment</b>	1) Percentage of Attendance 2) Viva voice
<b>Feedback</b>	

**DEPARTMENT of Obstetrics and Gynaecology**  
**ELECTIVE MODULE: REPRODUCTIVE MEDICINE**  
**Code- OBGY 01**  
**Number of Students – 10**

<b>Name of Block</b>	02
<b>Name of Elective</b>	Reproductive Medicine
<b>Learning Objectives of Elective</b>	1. To understand the physiology of reproduction & approach to an infertile couple. 2. To counsel the couple with infertility under supervision. 3. To understand the available treatment options for infertile couple.
<b>Prerequisites for elective</b>	Hepatitis B and Covid Vaccination
<b>List of activities of student participation</b>	1. Participation in OP & IP rounds. 2. Participation in teaching sessions of the department. 3. Present two cases during teaching session. 4. Participate in patient education.
<b>Learning Resources</b>	Speroff's endocrinology Textbook of Gynecology- D.C. Dutta
<b>Portfolio entries required</b>	Documentation of experience of learning as reflection Case presentation
<b>Log book entry required</b>	Minimum 2 case entries with full evaluation and treatment.
<b>Assessment</b>	Attendance – 75% is compulsory Formative: Case Viva Logbook & Portfolio entry complete

## DEPARTMENT OF OBSTETRICS AND GYNAECOLOGY

### ELECTIVE MODULE: GYN ONCOLOGY

**Code- OBGY 02**

**Number of Students - 10**

<b>Name of Block</b>	02
<b>Name of Elective</b>	Gyn Oncology
<b>Learning Objectives of Elective</b>	<ol style="list-style-type: none"><li>1. Understand risk factors, clinical presentation of various gynecological cancers.</li><li>2. To learn about various screening methods for Carcinoma cervix</li><li>3. To learn and demonstrate about pap's smear procedure under supervision.</li><li>4. To understand the approach in a patient with Abnormal Pap's report.</li></ol>
<b>Prerequisites for elective</b>	Hepatitis B and Covid Vaccination
<b>List of activities of student participation</b>	<ol style="list-style-type: none"><li>1. Participation in OP &amp; IP rounds.</li><li>2. Participation in teaching sessions of the department.</li><li>3. Present two cases during teaching session.</li><li>4. Participate in patient education</li></ol>
<b>Learning Resources</b>	Novak's Gynecology Textbook of Gynecology- D. C. Dutta
<b>Portfolio entries required</b>	Documentation of experience of learning as reflection Case presentation
<b>Log book entry required</b>	Minimum 2 case entries with full workup and treatment.
<b>Assessment</b>	Attendance – 75% is compulsory Formative: Demonstrate the pap' s smear technique under supervision Logbook & Portfolio entry complete

**DEPARTMENT OF PAEDIATRICS**  
**ELECTIVE MODULE: NUTRITION AND BREASTFEEDING**

**Code – Paeds 01**

**Number of students –10**

<b>Name of Block</b>	02
<b>Name of Elective</b>	Nutrition and Breastfeeding
<b>Location of hospital Lab or research facility</b>	LMH hospital OPD no 3, Pediatric ward no. 17,18,19, PNC ward
<b>Learning objectives</b>	<ol style="list-style-type: none"> <li>1.To enhance the capabilities of a mother to take care of her infants, specially regarding breastfeeding and complementary feeding needs, right from pregnancy till the child is 2 years of age and help her solve most of the problems.</li> <li>2. To advise on mothers issues related to mother's nutrition during pregnancy and lactation, nutrition during pregnancy and lactation.</li> <li>3. To counsel them regarding prenatal and postnatal care and refer them regularly to health centres.</li> <li>4. To educate and skill mothers in breastfeeding and complementary feeding of their babies and help solve problems.</li> <li>5. To guide mothers during home visits and in women's group meeting.</li> </ol>
<b>List of activities of student participation</b>	<ol style="list-style-type: none"> <li>1. Participate in inpatient and outpatient team rounds</li> <li>2. Educate and counsel a mother and family members for Nutrition and advantages of Breastfeeding</li> <li>3. Demonstrate the correct positioning of Breastfeeding</li> <li>4. Dietary counseling to the parents of malnourished child</li> <li>5. Calculate the calorie requirement of the child</li> </ol>
<b>Learning Resources</b>	<ol style="list-style-type: none"> <li>1. IAP GUIDEBOOK ON Nutrition and Lactation</li> <li>2. GHAI ESSENTIAL PEDIATRICS TEXTBOOK 9 th edition</li> </ol>
<b>Portfolio entries required</b>	Case record of at least one patient Record of patient counselling session
<b>Logbook entry required</b>	Satisfactory completion of posting by preceptor
<b>Assessment</b>	Formative assessment <ol style="list-style-type: none"> <li>1. Brief answer questions and multiple-choice questions total marks 50</li> <li>2. Attendance,</li> <li>3. Successful verification of required portfolio entries, Successful completion of the posting as certified in the logbook with a “meets expectation ‘M’ grade”</li> </ol>



**DEPARTMENT OF ANEATHESIOLOGY**  
**ELECTIVE MODULE: SPINAL ANESTHESIA(SAB)**

**Code – Anesth 01**

**Number of students – 15**

<b>Name of Block</b>	02
<b>Name of Elective</b>	Anaesthesiology. Spinal anesthesia .(SAB)
<b>Learning objectives of elective</b>	<ol style="list-style-type: none"> <li>1. To understand the basic anatomy, physiology and pharmacology related to spinal anaesthesia and its clinical application.</li> <li>2. To explain the Concept of dermatomes related to spinal anaesthesia.</li> <li>3. To describe the Technique of spinal anesthesia (SAB).</li> <li>4. To enumerate the causes of bradycardia and hypotension after spinal anesthesia.</li> <li>5. To explain the changes in respiratory functions after spinal anesthesia.</li> <li>6. To describe the various factors affecting the level of spinal blockade.</li> <li>7. To enumerate the commonly used spinal drugs and adjuvants.</li> <li>8. To describe the complications of spinal anesthesia and management.</li> <li>9. To perform spinal anesthesia (SAB) in patients posted for surgery.</li> </ol>
<b>Prerequisites for elective</b>	Must have received necessary immunisation, Basic Life Support training.
<b>List of activities of student participation</b>	<ol style="list-style-type: none"> <li>1. Provide patient care under the supervision of a clinic preceptor.</li> <li>2. Counsel patients in their own language.</li> <li>3. Monitoring of vitals pre, intra &amp; post operatively.</li> <li>4. Proper scrubbing and gowning technique.</li> <li>5. Proper painting and draping (Window) technique for SAB.</li> <li>6. Assist in procedures in operation room.</li> <li>7. Hands on spinal anesthesia.</li> </ol>
<b>Learning Resources</b>	Collin's principles and practice of anesthesiology, Clinical anaesthesia Paul J Barash, Miller's Anaesthesia recent edition.
<b>Portfolio entries required</b>	<p>Daily log of patients undergoing spinal anesthesia seen and activities participated.</p> <p>At least 02 fully worked up patients by individual students under supervision to be documented in complete posting.</p>
<b>Log book entry required</b>	Satisfactory completion of posting by internal preceptor co-signed by institutional preceptor.
<b>Assessment</b>	<p>Attendance.</p> <p>Successful verification of required portfolio entries,</p> <p>Successful completion of the posting as certified in the log book with a "meets expectation 'M' grade"</p>
<b>Other comments</b>	-

**DEPARTMENT OF RESPIRATORY MEDICINE**  
**ELECTIVE MODULE: PULMONARY FUNCTION TEST**  
**Code – Res-med 01**  
**Number of students – 10**

<b>Name of the Block</b>	02
<b>Name of the Elective</b>	<b>Pulmonary function test</b>
<b>Learning Objectives of the Elective-</b>	a) To understand the indications for performing PFT b) To understand the maneuver for performing PFT c) To get hands on experience on performing PFT under supervision. d) To be able to read the PFT reports and diagnose obstructive and restrictive Lung diseases
<b>Pre requisite for elective</b>	Knowledge of physiology of Lung (Lung volumes& capacities). Knowledge of various obstructive & restrictive lung diseases.
<b>List of activities of student participation</b>	a) History taking and respiratory system examination to diagnose obstructive lung diseases. b) Learn the technique of performing PFT. c) Participate in performing spirometry and BDR
<b>Learning resources</b>	Pulmonary function tests handbook Dr. Salil Bendre
<b>Portfolio entries required</b>	Case records of at least 10 patients
<b>Logbook entries required</b>	Details of case and PFT report
<b>Assessment</b>	a) Attendance b) DOPS for performing PFT and reading PFT report c) Successful completion of posting and Logbook entries with M-Grade
<b>Other comments</b>	Nil

## DEPARTMENT OF RESPIRATORY MEDICINE

### ELECTIVE MODULE: BRONCHOSCOPY

**Code - Res-med 02**

**Number of students – 10**

<b>Name of the Block</b>	02
<b>Name of the Elective</b>	Bronchoscopy
<b>Learning Objectives of the Elective-</b>	a) To understand the indications for performing Bronchoscopy b) To be able to prepare patient for Bronchoscopy c) To be able to identify various bronchopulmonary segments during procedure. d) To be able to assist in Bronchoscopy
<b>Pre requisite for elective</b>	Knowledge of Anatomy of lung & various bronchopulmonary segments
<b>List of activities of student participation</b>	a) History taking and respiratory system examination to diagnose obstructive lung diseases. b) Learn the technique of performing Bronchoscopy c) Assist in Bronchoscopy
<b>Learning resources</b>	Textbook of flexible Bronchoscopy Atul Mehta
<b>Portfolio entries required</b>	Case records of at least 10 patient in detail.
<b>Logbook entries required</b>	Details of case of Bronchoscopy report.
<b>Assessment</b>	a) Attendance b) DOPS for identify various c) Successful completion of Lo d) gbook with M-Grade
<b>Other comments</b>	Nil

## DEPARTMENT OF OTORHINOLARYNGOLOGY

### ELECTIVE MODULE: SPEECH DISORDERS AND SPEECH THERAPY

**Code – ENT 01**

**Number of students – 10**

<b>Name of the Block</b>	02
<b>Name of the Elective</b>	Speech disorders and Speech therapy
<b>Learning Objectives of the Elective-</b>	a) To get acquainted with various types of Speech disorders. b) To understand the principle of Speech therapy. c) To understand the indication and utility of Speech therapy.
<b>Pre requisite for elective</b>	Basic knowledge of mechanism of Speech and Speech disorders.
<b>List of activities of student participation</b>	a) To attend the Speech therapy session. b) To understand the diagnosis of various Speech disorders. c) Counseling of patients and relatives.
<b>Learning resources</b>	Handbook of Speech pathology and Speech therapy
<b>Portfolio entries required</b>	Case records of at least 2 patients undergoing Speech therapy.
<b>Logbook entries required</b>	Satisfactory completion of posting by preceptor.
<b>Assessment</b>	a) Attendance b) Successful verification of Portfolio entries c) Successful completion of Logbook with Meet expectation (M-Grade)
<b>Other comments</b>	Nil

**DEPARTMENT OF OTORHINOLARYNGOLOGY**  
**ELECTIVE MODULE: PEDIATRIC OTOLARYNGOLOGY**

**Code – ENT 02**

**Number of students – 10**

<b>Name of the Block</b>	02
<b>Name of the Elective</b>	Pediatric Otolaryngology
<b>Learning Objectives of the Elective-</b>	a) To study various ENT diseases affecting the pediatric population. b) To be able to diagnose common ENT diseases affecting pediatric population. c) To study and observe the management of common ENT diseases affecting pediatric population.
<b>Pre requisite for elective</b>	Basic knowledge of common ENT problems.
<b>List of activities of student participation</b>	a) To accompany the consultant ENT surgeon during OPD hours and observe various patients of pediatric age group suffering from ENT problems. b) To understand the management protocol of the same.
<b>Learning resources</b>	Standard Textbook of Pediatric Otolaryngology
<b>Portfolio entries required</b>	Case records of at least 2 patients in detail.
<b>Logbook entries required</b>	Details of case report. Satisfactory completion of posting by preceptor.
<b>Assessment</b>	a) Attendance b) Successful verification of Portfolio entries c) Successful completion of Logbook with M-Grade
<b>Other comments</b>	Nil

## DEPARTMENT OF OPHTHALMOLOGY

ELECTIVE MODULE: DOCTOR, PLEASE SAVE MY VISION !!: EYE IN SYSTEMIC DISORDERS

Code – Opthal 01

Number of students – 10

<b>Name of block</b>	02
<b>Name of elective</b>	Doctor, please save my Vision !!: Eye in Systemic Disorders
<b>Learning objectives of the elective</b>	To assist in examining the patients of systemic diseases with ocular manifestations To provide care for the above patients in a supervised environment To counsel the patients about the consequences of blinding diseases due to systemic illness
<b>Pre requisites for the elective</b>	Patients (coming to Eye OPD) Equipments (already present)
<b>Learning resources for the students</b>	The Eye in Systemic disease by Jack .J.Kanski
<b>List of activities in which the students will participate</b>	To take history the patient having systemic disease with ocular manifestations visiting Eye OPD under supervised environment To assist in various diagnostic procedures To participate in the counseling of the patient under supervision
<b>Portfolio entries required</b>	Documentation of the cases observed in Eye OPD - minimum 15 cases
<b>Logbook entry required</b>	Completion of the posting signed by the preceptor
<b>Assessment</b>	Attendance - minimum 80% Case presentations - atleast 2 Successful completion of the posting as certified by logbook

**DEPARTMENT OF OPHTHALMOLOGY**  
**ELECTIVE MODULE: PUBLIC HEALTH IN OPHTHALMOLOGY**

**Code - Opthal 02**  
Number of students – 10

<b>Name of Block</b>	Block 02
<b>Name of Elective</b>	Public Health in Ophthalmology
<b>Learning objectives of the elective</b>	<ul style="list-style-type: none"><li>▪ To learn preventive, promotive, curative and Rehabilitative aspects of community Ophthalmology</li><li>▪ To understand primary eye care programs and blindness prevention activities under National program for Control of Blindness (NPCB)</li><li>▪ To diagnose preventive eyesight threatening ocular conditions in community in affordable costs</li></ul>
<b>Prerequisites for the elective</b>	Basic Infrastructure in Ophthalmology and Torch
<b>Learning resources for students</b>	Community Ophthalmology Journal on Cataract Module
<b>List of activities in which the student will participate</b>	Students will understand the need of NPCB program for developing countries like India Students will become familiar with the basic torchlight examination and screening of cataract patients Students will learn the counselling skills (AETCOM)
<b>Portfolio entries required</b>	Details of daily time-table schedule with signature of faculty/resident
<b>Log book entry required</b>	Log of at least 25 patients with diagnosis using Torchlight examination in a peripheral outreach center
<b>Assessment</b>	Using MCQ test on NPCB program Clinical skills: using two cases Communication Skills: using two role plays
<b>Other comments</b>	Need of the hour Elective for all MBBS students and those who wish to pursue Ophthalmology as a career

**DEPARTMENT OF DVL**  
**ELECTIVE MODULE: DERMATOLOGY**  
**Code – Derma 01**  
**Number of students – 10**

<b>Name of the Block</b>	02
<b>Name of the Elective</b>	Dermatology
<b>Learning Objectives of the Elective-</b>	Exposure to clinical Dermatology. Exposure to dermatological procedure.
<b>Pre requisite for elective</b>	Knowledge of Anatomy of skin and Lesionology
<b>List of activities of student participation</b>	History taking, cutaneous examination, understanding different Morphologies Diagnosis of common skin condition. Patient care in wards.
<b>Learning resources</b>	Skin Disease & STI textbook by Dr. Uday Khopkar, Text book of Davidson, text book of Harrison.
<b>Portfolio entries required</b>	Two case to be present
<b>Logbook entries required</b>	Yes
<b>Assessment</b>	Attendance, Participation in OPD & IPD rounds & activities. Entry of patients in log book. Presentation of cases. Observation of basic Procedures. Aesthetic Procedures- Laser therapy entry of which will be done in the log book.
<b>Other comments</b>	Nil



**DEPARTMENT OF PSYCHIATRY**  
**ELECTIVE MODULE: ELECTROCONVULSIVE THERAPY**  
**Code – Psy 01**  
**Number of students – 10**

<b>Name of Block</b>	<b>Clinical</b>
<b>Name of Elective</b>	<b>Electroconvulsive Therapy</b>
<b>Location of hospital lab or research facility</b>	1. Operation Theater
<b>Learning objectives of the elective</b>	1. To describe indications 2. To describe ECT procedure 3. To describe contraindications of ECT 4. To describe adverse effects of ECT
<b>Prerequisites for the elective</b>	-
<b>Learning resources for students</b>	1. Kalpan & Sadock's Synopsis of Psychiatry
<b>List of activities in which the student will participate</b>	1. Self-directed learning 2. Case based discussion 3. Group discussion 4. Bed-side clinics 5. Participate in OPD and IPD rounds 6. Present at least two cases that are fully worked up in the teaching session 7. Participate in patient education and multidisciplinary team meetings
<b>Log book entry required</b>	Yes
<b>Assessment</b>	1. Logbook 2. MCQ test

**DEPARTMENT OF ORTHOPAEDICS**  
**ELECTIVE MODULE: HAND WASHING TECHNIQUE BEFORE SURGERY**  
**Code – Ortho 01**  
**Number of students – 10**

<b>Name of Block</b>	02
<b>Name of Elective</b>	Hand Washing Technique before Surgery
<b>Learning objectives of elective</b>	<ol style="list-style-type: none"> <li>1. To learn technique of hand washing</li> <li>2. To avoid sepsis in Surgery.</li> <li>3. To avoid Revision surgery like debridement .</li> </ol>
<b>Prerequisites for elective</b>	<ol style="list-style-type: none"> <li>1. Hbs Ag vaccination</li> </ol>
<b>List of activities of student participation</b>	<ol style="list-style-type: none"> <li>1. Participate in operation theater in surgical cases</li> <li>2. Participate in Emergency OT cases</li> <li>3. Participate in Ward rounds (Morning)</li> <li>4. Participate in pressing of parted</li> </ol>
<b>Learning Resources</b>	
<b>Portfolio entries required</b>	<b>Assignments provided</b> To wash hands. Documentation of learning as summary
<b>Log book entry required</b>	
<b>Assessment</b>	Attendance <b>Formative:</b> log book entries
<b>Other comments</b>	

## DEPARTMENT OF ORTHOPAEDICS

ELECTIVE MODULE: TO LEARN NEUROLOGICAL ASSESSMENT OF BOTH LOWER LIMBS  
IN A PATIENT SUFFERING FROM BACK PAIN & RADICULAR PAIN

**Code – Ortho 02**

**Number of students – 10**

<b>Name of Block</b>	02
<b>Name of Elective</b>	To learn Neurological assessment of both lowerlimbs in a patient suffering from back pain & radicular pain
<b>Learning objectives of elective</b>	<ol style="list-style-type: none"><li>1. Attend ortho OPD &amp; examine patients</li><li>2. Attend classes and watch videos..</li><li>3. Participate in ward rounds</li><li>4. Attend OT.</li></ol>
<b>Prerequisites for elective</b>	Assignment Provided Demonstrate examination & patients. Documentation of learning as summary
<b>List of activities of student participation</b>	
<b>Learning Resources</b>	
<b>Portfolio entries required</b>	Assignments provided
<b>Log book entry required</b>	
<b>Assessment</b>	Attendance Formative: Maintain log book entries
<b>Other comments</b>	

**DEPARTMENT OF RADIOLOGY**  
**ELECTIVE MODULE: RADIODIAGNOSIS**  
**Code – Radio 01**  
**Number of students – 10**

<b>Name of Block</b>	02
<b>Name of elective</b>	Radiodiagnosis
<b>Learning objective of elective</b>	<ol style="list-style-type: none"> <li>1. To define radiation and the interaction of radiation and importance of radiation protection.</li> <li>2. To identify various radiological equipment's in current era.</li> <li>3. to enumerate indications for various common radiological investigations</li> <li>4. to acquire knowledge of various common radiological investigations, and to choose the most appropriate and cost effective method and interpret findings in common conditions pertaining to disorder of OBGYN, medicine, surgery, paediatrics, orthopaedics, ENT and ophthalmology</li> <li>5. To identify structures seen on plain chest x-ray, abdomen, skull, spine, PNS.</li> <li>6. To identify and describe in brief barium swallow, barium meal, barium enema, intravenous urography, hysterosalpingography, micturating cystourethrogram and retrograde urethrogram.</li> <li>7. To describe and identify the anatomical route used for carotid angiogram and vertebral angiogram.</li> <li>8. To describe and identify the cross section at the level of thoracic and lumbar spine and pelvis on CT scan and MRI.</li> <li>9. To demonstrate preparation of patient for common imaging procedures</li> <li>10. To enumerate the indication for and interpret the report for ultrasonography.</li> <li>11. To interpret chest radiograph and recognise cardiomegaly and pleural effusion.</li> <li>12. To interpret Xray of paranasal sinuses and mastoid and/or use written report in case of management.</li> <li>13. To interpret CXR in foreign body aspiration and lower respiratory tract infections, understand the significance of thymic shadow in paediatric chest x-ray.</li> <li>14. To identify the bones and joints of upper limb seen in anteroposterior and lateral view radiographs of shoulder region, arm, elbow, forearm, hand, pelvis, thigh, leg, ankle, foot.</li> <li>15. To describe the role of emergency radiology, miscellaneous and applied aspects and interaction with clinical departments.</li> <li>16. To describe the effects of radiation in pregnancy and the methods of prevention, minimisation of radiation exposure.</li> <li>17. To describe components of PCPNDT Act and its medicolegal implications</li> <li>18. To describe the role of interventional radiology in common clinical conditions.</li> </ol>
<b>Prerequisites for elective</b>	N/A
<b>Learning resources for students</b>	All radiological modalities with faculty and junior residents.

<b>List of activities of student participation</b>	Work daily with junior residents in observing and assisting radiological procedures
<b>Portfolio entries required</b>	Documentation of reported cases
<b>Log book entry required</b>	Completion of posting signed by preceptor with a “meets expectation ‘(M)’ grade”
<b>Assessment</b>	Formative: attendance; day-to-day participation in departmental activity; performance of assigned tasks in the department.
<b>Other comments</b>	NIL

Dr. Madhur Gupta  
Coordinator  
Curriculum Committee  
NKP SIMS & RC and LMH