



ELECTIVE PROGRAM BATCH 2021-22

ELECTIVE BLOCK 2			
Name of Elective	Department	Name of Preceptor	No. of students
Heart Failure Management in Clinical Practice	General Medicine	Prof Dr Shibendu Ghosh Dr Ratul Seal	4
Upper GI Endoscopy in Gastroenterology	General Medicine	Prof Dr Asish Saha Dr Aritra Roy	4
Chronic Kidney Disease (CKD) Management in IPD	General Medicine	Prof Dr Somnath Maitra Dr Rohitaswa Mandal	4
Stroke Management in IPD	General Medicine	Dr Santanu Mandal Dr Abhishek Mondal	4
Chronic Obstructive Pulmonary Disease (COPD) Care in ICU	General Medicine	Dr Kaushik Hazra Dr Puja Mahato	4

Elective 1: Heart Failure Management in Clinical Practice

Name of Block	Block 2
Name of Elective	Heart Failure Management in Clinical Practice
Location of Hospital Lab or Research Facility	JIMSH Medicine Ward and ICU
Name of Internal Preceptor(s)	Prof Dr Shibendu Ghosh Dr Ratul Seal
Name of External Preceptor (if any)	None
Learning Objectives of Elective	Diagnose and classify types of heart failure. Formulate a treatment plan. Educate patients on lifestyle adjustments.
Number of Students	4
Prerequisites for Elective	Familiarity with basic ECG and cardiac pharmacology.
Learning Resources for Students	Heart failure chapter from text book/ Davidson's Principles and Practice of Medicine; ACC/AHA guidelines on heart failure management.
List of Activities in Which the Student Will Participate	Participate in ward rounds. Assist in patient counselling. Observe ECG, echocardiography and other diagnostics.
Portfolio Entries Required	
Log Book Entry Required	Record of daily activities in round and ECG ,Chest X ray and Echo findings
Assessment	Formative: Case presentations, participation in ward rounds
Other Comments	Ensure interaction with at least 5 patients during the elective.

Elective 2: Upper GI Endoscopy in Gastroenterology

Name of Block	Block 2
Name of Elective	Upper GI Endoscopy in Gastroenterology
Location of Hospital Lab or Research Facility	JIMSH Endoscopy Unit
Name of Internal Preceptor(s)	Prof Dr Asish Saha Dr Aritra Roy
Name of External Preceptor (if any)	None
Learning Objectives of Elective	Understand indications and contraindications for UGI endoscopy. Interpret findings like ulcers, varices, etc. Learn post-procedure treatment of individual case
Number of Students	4
Prerequisites for Elective	Basic knowledge of GI anatomy and common pathologies.
Learning Resources for Students	Gastroenterology chapter from text book/ Davidson's Principles and Practice of Medicine, Video modules on endoscopy techniques from YouTube
List of Activities in Which the Student Will Participate	Observe and assist in endoscopic procedures. Discuss and interpret findings. Attend round for case discussions.
Portfolio Entries Required	
Log Book Entry Required	Record daily observations and involvement in procedures.
Assessment	Formative: Case presentations, participation in ward rounds.
Other Comments	Students must attend at least 5 procedures during elective.

Elective 3: Chronic Kidney Disease (CKD) Management in IPD

Name of Block	Block 2
Name of Elective	Chronic Kidney Disease (CKD) Management in IPD
Location of Hospital Lab or Research Facility	JIMSH Medicine Ward, ICU and Dialysis Unit
Name of Internal Preceptor(s)	Prof Dr Somnath Maitra Dr Rohitaswa Mandal
Name of External Preceptor (if any)	None
Learning Objectives of Elective	Manage CKD comorbidities like hypertension and anemia. Gain exposure to renal replacement therapies/Dialysis.
Number of Students	4
Prerequisites for Elective	Knowledge of renal pathophysiology and CKD classification and management
Learning Resources for Students	CKD chapter from text book/ Davidson's Principles and Practice of Medicine
List of Activities in Which the Student Will Participate	Join ward /ICU rounds. Observe haemodialysis sessions. Assist in patient counselling.
Portfolio Entries Required	
Log Book Entry Required	Record physical examination and RFT observations in round
Assessment	Formative: Case presentations, participation in ward rounds
Other Comments	Emphasis on dietary and pharmacologic management.

Elective 4: Stroke Management in IPD

Name of Block	Block 2
Name of Elective	Stroke Management in IPD
Location of Hospital Lab or Research Facility	JIMSH Medicine and Neurology Ward and ICU
Name of Internal Preceptor(s)	Dr Santanu Mandal Dr Abhishek Mondal
Name of External Preceptor (if any)	None
Learning Objectives of Elective	Identify stroke types and implement initial management. Understand thrombolytic therapy. Participate in rehabilitation planning.
Number of Students	4
Prerequisites for Elective	Basic understanding of neuroanatomy and cerebrovascular diseases.
Learning Resources for Students	AHA/ASA Stroke Guidelines. CVA chapter from text book/ Davidson's Principles and Practice of Medicine,
CVA List of Activities in Which the Student Will Participate	Observe emergency stroke care. Join rounds and discuss neuroimaging findings.
Portfolio Entries Required	
Log Book Entry Required	Documentation of examination and neuroimaging findings and discussions.
Assessment	Formative: Active participation, written case summaries, log book completion.
Other Comments	Students must attend at least 5 acute stroke patients.

Elective 5: Chronic Obstructive Pulmonary Disease (COPD) Care in ICU

Name of Block	Block 2
Name of Elective	Chronic Obstructive Pulmonary Disease (COPD) Care in ICU
Location of Hospital Lab or Research Facility	ICU in JIMSH
Name of Internal Preceptor(s)	Dr. Kaushik Hazra Dr Puja Mahato
Name of External Preceptor (if any)	None
Learning Objectives of Elective	Diagnose and manage COPD exacerbations. Educate patients on inhaler techniques.
Number of Students	4
Prerequisites for Elective	Familiarity with respiratory physiology and COPD guidelines.
Learning Resources for Students	GOLD Guidelines; COPD chapter of textbook of Medicine/ Davidson's Principles and Practice of Medicine
List of Activities in Which the Student Will Participate	Attend rounds. Observe nebulization and inhaler techniques and assist in demonstrations.
Portfolio Entries Required	
Log Book Entry Required	Record examination and lab investigations and chest X-ray findings of COPD patients
Assessment	Formative: Case presentations, participation in ward rounds
Other Comments	Students are encouraged to practice patient education techniques.

ELECTIVE BLOCK 2

Name of Elective	Department	Name of Preceptor	No. of students
Breastfeeding in infants	Paediatrics	Dr. Dafodil Ghatak Dr. Sunetra Roy Hazra	10
Complementary feeding	Paediatrics	Dr. Ankika Basu Dr. Sreejata Majumder	10
Normal Newborn Care at Birth	Paediatrics	Dr. Joydeep Das Dr. Madhusmita Sengupta Dr. Debjit Saha	11
Universal Immunization Program	Paediatrics	Dr. Madhumita Bhattacharya Dr. Vasanta Sengupta	11
Assessment of a child with respiratory distress	Paediatrics	Dr. Sushanta Bhanja Dr. Manas Kumar Mahapatra	10

Elective 1: Breastfeeding in infants

Name of Block	Block 2
Name of Elective	Breastfeeding in infants
Location of hospital Lab or research facility	Antenatal, Postnatal wards, Jims Hospital
Name of internal preceptor(s)	Dr. Dafodil Ghatak, Dr. Sunetra Roy Hazra
Name of external preceptor (if any)	NA
Learning objectives of elective	To promote and support optimal breastfeeding in infants
Number of students that can be accommodated in this elective	10
Prerequisites for elective	Awareness of the cultural beliefs and practices of breastfeeding
Learning Resources for students	Standard UG paediatric textbook
List of activities in which the student will participate	Explain the physiology of lactation, Describe the composition and types of breastmilk and discuss the differences between cow's milk and human milk, Observe the correct technique of breastfeeding and distinguish right from wrong techniques
Portfolio entries required	Documentation of worked up cases on Logbook(at least 10 cases in total)
Log book entry required	Completion of posting signed by preceptor with a meets expectation(M) grade
Assessment	Educate mothers in antenatal ward about breastfeeding and prepare for lactation. Educate and counsel mothers for best practices in breastfeeding. Perform breast examination and identify common problems during lactation such as retracted ripples, cracked ripples, breast engorgement, breast abscess, Enumerate baby friendly hospital initiatives. Respect patient privacy
Other comments	

Elective 2: Complementary feeding

Name of Block	Block 2
Name of Elective	Complementary feeding
Location of hospital Lab or research facility	Paediatric Ward/OPD, Jims Hospital
Name of internal preceptor(s)	Dr. Ankika Basu, Dr. Sreejata Majumder
Name of external preceptor (if any)	NA
Learning objectives of elective	To learn the principles of Complementary feeding
Number of students that can be accommodated in this elective	10
Prerequisites for elective	Basic knowledge about complementary feeding habits/patterns in Indian infants
Learning Resources for students	Standard UG paediatric textbook
List of activities in which the student will participate	Describe the age related nutritional needs of infants, Explain the calorific value of common Indian foods, Define the term Complementary feeding, Discuss the principles, initiation, attributes, frequency, techniques, discuss hygiene related to complementary feeding including IYCF
Portfolio entries required	Documentation of worked up cases on Logbook (at least 10 cases in total)
Log book entry required	Completion of posting signed by preceptor with a meets expectation(M) grade
Assessment	Enumerate the common complementary foods, Elicit history from parents about their prior knowledge and concept on complimentary feeding. Counsel and educate mothers on the best practices in complementary feeding
Other comments	

Elective 3: Normal Newborn Care at Birth

Name of Block	Block 2
Name of Elective	Normal Newborn Care at birth
Location of hospital Lab or research facility	Labour's room/OT/Post-natal ward, JIMSH
Name of internal preceptor(s)	Dr. Joydeep Das, Dr. Madhusmita Sengupta, Dr. Debjit Saha
Name of external preceptor (if any)	NA
Learning objectives of elective	To observe and learn the principles of normal Newborn Care and safe newborn practices
Number of students that can be accommodated in this elective	11
Prerequisites for elective	Basic knowledge about the principles of normal Newborn Care
Learning Resources for students	Standard UG paediatric textbook
List of activities in which the student will participate	Explain the care at Birth of a normal neonate, Assessment of a normal neonate at birth, observe neonatal resuscitation in a manikin, Counsel/Educate mothers on the care of neonates after birth, Explain the follow up care for neonates
Portfolio entries required	Documentation of worked up cases on Logbook (at least 11 cases in total)
Log book entry required	Completion of posting signed by preceptor with a Meets expectation(M) Grade
Assessment	Define the common neonatal nomenclature including The Classification, Describe the characteristics of a normal term neonate and high risk neonates, perform neonatal resuscitation in a manikin, Explain the follow up care for neonates including breastfeeding, temperature, maintenance, immunization, importance of growth monitoring and red flags
Other comments	

Elective 4: Universal Immunisation Program

Name of Block	Block 2
Name of Elective	Universal Immunisation Program
Name of internal preceptor(s)	Dr. Madhumita Bhattacharya, Dr. Vasanta Sengupta
Name of external preceptor (if any)	NA
Learning objectives of the elective	To learn the principles of universal Immunisation Program and safe vaccine practices
Number of students that can be accommodated in this elective	11
Prerequisites for the elective	Basic knowledge about the principles of Universal Immunisation Program
Learning resources for students	Standard UG paediatric textbook
List of activities in which the student will participate	<ol style="list-style-type: none"> 1. Explain the components of Universal Immunization Program 2. Describe the components of safe vaccine Practice-Patient education, counselling, adverse events following Immunization, safe injection practices, documentation and medico legal implications 3. Assess patients for fitness for Immunization and prescribe an age appropriate Immunization schedule 4. Observe the handling and storage of vaccines 5. Observe the administration of vaccines 6. Practice infection control measures and appropriate handling of the needles
Portfolio entries required	Documentation of worked up cases on Logbook (at least 11 cases in total)
Log book entry required	Completion of posting signed by preceptor with a meets expectation (M)grade
Assessment	<ol style="list-style-type: none"> 1. Educate and counsel parents for the child's Immunisation 2. Define cold chain and discuss the methods of safe storage and handling of vaccines 3. Document Immunisation in an Immunisation record 4. Enumerate available newer vaccines and their indications
Other comments	

Elective 5: Assessment of a child with respiratory distress

Name of Block	Block 2
Name of Elective	Assessment of a child with respiratory distress
Name of internal preceptor(s)	Dr. Sushanta Bhanja, Dr. Manas Kumar Mahapatra
Name of external preceptor (if any)	NA
Learning objectives of the elective	To learn the principles of assessment and basics of management of a child with respiratory distress
Number of students that can Be accommodated in this elective	10
Prerequisites for the elective	Basic knowledge about common lower respiratory infections in children including bronchiolitis, WALRI, Pneumonia, Empyema
Learning resources for students	Standard UG paediatric textbook
List of activities in which the student will participate	<ol style="list-style-type: none"> 1. Assessment with the supervisor of a child with respiratory distress at ER, OPD, Ward, Picu 2. Taking history regarding danger signs 3. Examination of the child to assess severity 4. Initial management of a child with respiratory
Portfolio entries required	Documentation of worked up cases in the logbook(at least 10 cases in total)
Log book entry required	Completion of posting signed by preceptor with a meets expectation (M) grade
Assessment	<ol style="list-style-type: none"> 1. Candidate is able to assess different clinical features of respiratory distress and the danger signs 2. Interpret CXR in LRTI, understand the significance of thymic shadow in paediatric CXR 3. Able to discuss the management of Pneumonia as per IMNCI guideline 2. Describe the etiopathogenesis, diagnosis, clinical features, management and prevention of LRTI, bronchiolitis, WALRI and empyema
Other comments	

ELECTIVE BLOCK 2

Name of Elective	Department	Name of Preceptor	No. of students
Clinical Dermatology	Dermatology	Dr Swastika Debbarma	2
Dermatosurgery	Dermatology	Dr Arunima Dhabal	2

Elective 1: Clinical Dermatology

Name of Elective	Clinical Dermatology
Location of the hospital	JIMSH, Budge Budge
Name of the internal preceptors	Dr Swastika Debbarma
Learning objectives of elective	1. To diagnose common skin and soft tissue infections 2. To develop an understanding of the use of topical and systemic medications for the common skin and soft tissue infections
Number of students that can be accommodated in this elective	2
Prerequisites for elective	Necessary immunizations
Learning resources for students	Departmental handbook provided
List of activities of student participation	1. Work daily with the preceptor in history taking and examination of patients in Dermatology OPD 2. Present at least four OPD cases to the preceptor at the end of session.
Portfolio entries required	1. Documentation of worked up cases 2. Documentation of presentation done
Log book entry required	Completion of posting signed by preceptor with a “meets expectation (M)grade “
Assessment	Attendance; day-to-day participation in departmental activities; Performance of assigned tasks and presentation of worked up cases in the department
Other comments	

Elective 2: Dermatosurgery

Name of Elective	Dermatosurgery
Location of the hospital	JIMSH, Budge Budge
Name of the internal preceptors	Dr Arunima Dhabal
Learning objectives of elective	To demonstrate basic dermatosurgery procedures such as basic suture techniques, skin biopsies, intralesional drug delivery, electrocautery etc.
Number of students that can be accommodated in this elective	2
Prerequisites for elective	Necessary immunizations
Learning resources for students	Departmental handbook provided
List of activities of student participation	1. Assisting the preceptor in dermatology OT procedure room 2. Performing at least four minor OT cases under the guidance of the preceptor at the end of session.
Portfolio entries required	3. Documentation of cases observed 4. Documentation of cases performed
Log book entry required	Completion of posting signed by preceptor with a “meets expectation (M)grade “
Assessment	1. Attendance 2. Day-to-day participation in departmental activities 3. Performance of assigned tasks

ELECTIVE BLOCK 2

Name of Elective	Department	Name of Preceptor	No. of students
Descriptive Research (cross sectional)	Community Medicine	Dr. J Mukhopadhyay Dr. S Maitra	6
Analytical Research (secondary data analysis)	Community Medicine	Dr. J Mukhopadhyay Dr. S Maitra	6
Focused Grouped Discussion FAP (Qualitative Research)	Community Medicine	Dr. J Mukhopadhyay Dr. S Maitra	6
Focused Grouped Discussion Mentor Mentee program (Qualitative Research)	Community Medicine	Dr S Maitra	6
Data Analysis with SPSS	Community Medicine	Dr S Maitra	6

Elective 1: Descriptive Research (cross sectional)

Name of Block	II
Name of Elective	Descriptive Research (cross sectional). Topic to be decided later
Location of hospital Lab or research Facility	JIMSH, Budge Budge
Name of internal preceptor(s)	Dr. J Mukhopadhyay, Dr. S Maitra
Name of external preceptor (if any)	
Learning objectives of elective	<ol style="list-style-type: none"> 1. To collect data as prescribed in the protocol 2. To document data in the electronic case record correctly 3. To demonstrate the use of statistical software to do basic research analysis 4. To write an abstract based on data 5. To present abstract to a group
Number of students that can be accommodated in this elective	6
Prerequisites for elective	Basics of Data, Data Collection and Data Analysis
Learning Resources for students	Guidelines provided by the department
List of activities in which the student will participate	<ol style="list-style-type: none"> 1. Work with supervisor in making observations, collect data & document as per protocol 2. Work with statistician to provide a statistical analysis of the data 3. Participate in research meetings of the department, internal and external meetings 4. Write abstract of work done 5. Present abstract in an internal meeting and if possible at an external meeting as a poster or oral presentation
Portfolio entries required	Lab notes Statistical work sheet Consent form Abstract created
Log book entry required	Satisfactory completion of posting with a “Meets Expectation” grade.
Assessment	Attendance Successful completion of research objectives Log book entry Presentation of the work
Other comments	

Elective 2: Analytical Research (secondary data analysis)

Name of Block	II
Name of Elective	Analytical Research (secondary data analysis)
Location of hospital Lab or research Facility	JIMSH, Budge Budge
Name of internal preceptor(s)	Dr. J Mukhopadhyay, Dr. S Maitra
Name of external preceptor (if any)	
Learning objectives of elective	1. To know how to represent a data set 2. To find out inference from the data set 3. To have basic idea on statistical software
Number of students that can be accommodated in this elective	6
Prerequisites for elective	Microsoft excel, spss Data set
Learning Resources for students	Bio statistics Research methodology
List of activities in which the student will participate	1. Data tables and diagram 2. Analysis the data in statistical software 3. Presentation of data
Portfolio entries required	Daily log of patients seen and activities participated.
Log book entry required	Satisfactory completion of posting by institutional preceptor
Assessment	1. Attendance 2. Successful verification of required portfolio entries, 3. Successful completion of the posting as certified
Other comments	

Elective 3: Focused Grouped Discussion (qualitative research) on Family Adoption program

Name of Block	II
Name of Elective	Focused Grouped Discussion (qualitative research) on Family Adoption program
Location of hospital Lab or research Facility	JIMSH, Budge Budge
Name of internal preceptor(s)	Dr. S Maitra
Name of external preceptor (if any)	
Learning objectives of elective	1. To know the methods of FGD 2. To know how to write the findings of FGD 3. Qualitative Data Analysis
Number of students that can be accommodated in this elective	6
Prerequisites for elective	Laptop Statistical software
Learning Resources for students	Biostatistics Research methodology Qualitative research
List of activities in which the student will participate	1 conduct FGD 2 write the report 3 presentation of the finding
Portfolio entries required	Daily log of patients seen and activities participated.
Log book entry required	Satisfactory completion of posting by institutional preceptor
Assessment	1. Attendance 2. Successful verification of required portfolio entries, 3. Successful completion of the posting as certified
Other comments	

Elective 4: Focused Grouped Discussion (qualitative research) on mentor mentee program

Name of Block	II
Name of Elective	Focused Grouped Discussion (qualitative research) on mentor mentee program
Location of hospital Lab or research Facility	JIMSH, Budge Budge
Name of internal preceptor(s)	Dr. J Mukhopadhyay, Dr. S Maitra
Name of external preceptor (if any)	
Learning objectives of elective	1. To know the methods of FGD 2. To know how to write the findings of FGD 3. Qualitative Data Analysis
Number of students that can be accommodated in this elective	6
Prerequisites for elective	Laptop Statistical software
Learning Resources for students	Bio statistics Research methodology Qualitative research
List of activities in which the student will participate	1 conduct FGD 2 write the report 3 presentation of the finding
Portfolio entries required	Daily log of patients seen and activities participated.
Log book entry required	Satisfactory completion of posting by institutional preceptor
Assessment	Attendance Successful verification of required portfolio entries, Successful completion of the posting as certified
Other comments	

Elective 5: Data Analysis with SPSS software

Name of Block	II
Name of Elective	Data Analysis with SPSS software
Location of hospital Lab or research Facility	JIMSH, Budge Budge
Name of internal preceptor(s)	Dr. S Maitra
Name of external preceptor (if any)	
Learning objectives of elective	1. To know the methods of data analysis with SPSS 2. To know how to represent data in spss
Number of students that can be accommodated in this elective	6
Prerequisites for elective	Laptop Statistical software
Learning Resources for students	Biostatistics Research methodology Qualitative research
List of activities in which the student will participate	1 data cleaning and tabulation 2 data analysis 3 presentation of the finding
Portfolio entries required	Daily log of patients seen and activities participated.
Log book entry required	Satisfactory completion of posting by institutional preceptor
Assessment	Attendance Successful verification of required portfolio entries, Successful completion of the posting as certified
Other comments	

ELECTIVE BLOCK 2

Name of Elective	Department	Name of Preceptor	No. of students
Clinico-Radiological study of low back pain	Radio Diagnosis	(Prof.) Dr Swadhapriya Basu	6
Clinico-Radiological study of Knee Joint pain	Radio Diagnosis	Dr Soma Shekhar Dhaval	6

Elective 1: Clinico-Radiological study of low back pain

Name of Block	Block 2
Name of Elective	Clinico-Radiological study of low back pain
Location of hospital Lab or research facility	Radiology Department, JIMSH
Name of internal preceptor(s)	(Prof.) Dr Swadhapiya Basu / Dr Rahul Singla/ Dr Shweta Kothari/ Dr Nilanjan Mukherjee
Name of external preceptor (if any)	NA
Learning objectives of elective	LO1 - At the end of the block the phase II students must be able to enumerate the common causes of Low back pain correctly. LO2 - At the end of the block the phase II students must be able to describe the Imaging findings of most common cause of Low back pain correctly. LO3 - At the end of the block the phase II students must be able to present a history and determine the possible differentials of low back pain.
Number of students that can be accommodated in this elective	6
Prerequisites for elective	Must have some basic knowledge of Lumbar spine anatomy.
Learning Resources for students	Essentials of Skeletal Radiology (Yochum)
List of activities in which the student will participate	1. Work daily with a supervisor in Observing and assisting in reporting LS Spine X-rays. 2. Participate in departmental education activities. 3. Present at least two LS Spine X-rays done by student as a case work up.
Portfolio entries required	1. Documentation of worked up cases 2. Documentation of presentation Done.
Log book entry required	Completion of posting signed by preceptor & acquiring of grade.
Assessment	Attendance Formative: Participation in Routine reporting, Presentation of worked up cases, Documentation of attendance and required portfolio and log book entries.
Other comments	

Elective 2: Clinico-Radiological study of Knee Joint pain

Name of Block	Block 2
Name of Elective	Clinico-Radiological study of Knee Joint pain
Location of hospital Lab or research facility	Radiology Department, JIMSH
Name of internal preceptor(s)	Dr Soma Shekhar Dhavala / Dr Rahul Singla/ Dr Shweta Kothari/ Dr Nilanjan Mukherjee
Name of external preceptor (if any)	NA
Learning objectives of elective	<p>LO1 - At the end of the block the phase II students must be able to enumerate the common causes of knee joint pain correctly.</p> <p>LO2 - At the end of the block the phase II students must be able to describe the Imaging findings of most common causes of knee joint pain correctly.</p> <p>LO3 - At the end of the block the phase II students must be able to present a history and determine the possible differentials of Knee Pain.</p>
Number of students that can be accommodated in this elective	6
Prerequisites for elective	Must have some basic knowledge of knee joint anatomy.
Learning Resources for students	Essentials of Skeletal Radiology (Yochum)
List of activities in which the student will participate	<ol style="list-style-type: none"> 1. Work daily with a supervisor in Observing and assisting in reporting Knee Joint X-rays. 2. Participate in departmental education activities. 3. Present at least two Knee Joint X-rays done by student as a case work up.
Portfolio entries required	<ol style="list-style-type: none"> 1. Documentation of worked up cases 2. Documentation of presentation Done.
Log book entry required	Completion of posting signed by preceptor & acquiring of grade.
Assessment	<p>Attendance</p> <p>Formative: Participation in Routine reporting, Presentation of worked up cases, Documentation of attendance and required portfolio and log book entries.</p>
Other comments	

ELECTIVE BLOCK 2			
Name of Elective	Department	Name of Preceptor	No. of students
Perioperative Care in Emergency Surgery Cases	General Surgery	Dr S K Gupta Dr Purnendu Paul	4
Perioperative Care of Diabetic Foot With Gangrene	General Surgery	Dr Sudev Saha Dr Swapan Choudhary	10
Work Up of Breast Lump Cases	General Surgery	Dr S Chakraborty Dr C Mukherjee	10
Management of Acute Pancreatitis	General Surgery	Dr Ujjwal Bhattacharya Dr Somdeep Ghosh	5
Preoperative Assessment of Incisional Hernia	General Surgery	Name of Internal Preceptor: Dr B K Chattejee Dr Swarup Anand Name Of External Preceptor: Dr Amitesh Jha	10

Elective 1: Perioperative care in Emergency Surgery Cases

Name of Block	Block 2
Name of Elective	Perioperative care in Emergency Surgery Cases
Location of hospital Lab or research facility	Jagannath Gupta Institute of Medical Sciences & Hospital Budge Budge Kolkata 700137
Name of internal preceptor(s)	Prof (Dr) S K Gupta / Dr Purnendu Paul
Name of external preceptor (if any)	
Learning objectives of elective	<p>Proper History and Clinical Examination of the Patient Who Has Attended Emergency / Opd with an Emergency Problem.</p> <p>To Enumerate Routine Preoperative Investigation Required to Confirm the Clinical Diagnosis Document and Follow the Preoperative Procedures Undertaken by A Resident for Management of the patient.</p> <p>To Document and Follow the Advice Regarding Management of Peri-Operative Fluid Administration And Intake Output Chart Of The Patient.</p> <p>Document and Learn to Inform Resident of The Immediate Changes In Patient's Condition.</p> <p>6.Documentation and Following Up The Demonstration Of Taking Informed Consent By Resident. Including The Operation To Be Performed, Its Complications And Accessory Procedures Which Might Be Needed.</p>
Number of students that can be accommodated in this elective	4
Prerequisites for elective	Knowledge regarding physiology & homeostasis mechanism of human body
Learning Resources for students	Short Practice of Surgery Bailey & Love's and Farquharson's operative surgery
List of activities in which the student will participate	<p>Participate in all emergency calls to residents regarding surgical emergency.</p> <p>OP and IP rounds of such cases admitted in specific wards.</p> <p>document and follow up work up of such emergency patients.</p> <p>4. Present pre and post-operative management of two emergency cases admitted.</p> <p>5. Post op evaluation and document follow up advice by the faculty members of emergency surgery cases.</p>
Portfolio entries required	Assignment provided
Log book entry required	Daily record of procedures followed and activities done in the emergency situation
Assessment	Attendance Regular check of the log book every 2nd day.
Other comments	

Elective 2: Preoperative assessment of incisional hernia

Name of Block	Block 2
Name of Elective	Preoperative assessment of incisional hernia
Location of hospital Lab or research facility	Jagannath Gupta Institute of Medical Sciences & Hospital Budge Budge Kolkata 700137
Name of internal preceptor(s)	Dr Sudev Saha / Dr Swapan Choudhary
Name of external preceptor (if any)	
Learning objectives of elective	<p>To take proper history of a case of incisional hernia including previous operation details and total record of post-operative period and hospital stay.</p> <p>To document preoperative investigations advised in a case of Incisional Hernia</p> <p>To document and follow protocol of management of existing comorbid conditions preoperatively</p> <p>To document and follow protocol of life style changes to be made in the patient pre operatively</p> <p>Document and follow the preoperative consultation and advice given to the patient and its relatives preoperatively</p> <p>Document the proper method of taking Informed Consent highlighting all the complications and needs for extra procedures in detail</p>
Number of students that can be accommodated in this elective	10
Prerequisites for elective	<ol style="list-style-type: none"> 1. Knowledge of Anatomy of Anterior abdominal wall and Anatomy of ventral hernias 2. Methods of documenting history and clinical examination of incisional hernia
Learning Resources for students	Clinical methods by S Das and Short practice of Surgery Bailey and Love's
List of activities in which the student will participate	<ol style="list-style-type: none"> 1. Document history and associated risk factors that lead to incisional hernia 2. Counselling and following up the patient regarding the preoperative advice and essential life style changes in the patient as advised by the faculty members. 3. documenting and following up the patient regarding post-operative advice and medications 3. follow up of cases after 3 weeks
Portfolio entries required	<ol style="list-style-type: none"> document and record of all assignments provided 2. Records of two worked up cases already presented 3. Documentation of Self Directed Learning as summary of risk factors , preventive methods adopted and the reflection of patients seen.
Log book entry required	
Assessment	<ol style="list-style-type: none"> 1. Attendance 2. regular follow up and check every week
Other comments	

Elective 3: Work Up of Breast Lump Cases

Name of Block	Block 2
Name of Elective	Work Up Of Breast Lump Cases
Location of hospital Lab or research facility	Jagannath Gupta Institute Of Medical Sciences And Hospital
Name of internal preceptor(s)	Dr S Chakraborty / Dr C Mukherjee
Name of external preceptor (if any)	
Learning objectives of elective	<ol style="list-style-type: none"> 1. History and Clinical Examination of Patients Presenting with Problems in Breast 2. Observe and Note Procedure of Radiological Examination of Cases of Breast Complaints- Usg/ Mammogram/ MRI 3. Observe and Note and Note Procedure Of Tru-Cut Biopsy Of Breast Lump/Usg Guided FNAC. 4. Observe and Note Preparation of Biopsy/ Histopathology Specimen And Follow It Up For The Reports Including Ihc- Marker Identification. 5. Observe And Document The Plan Of Management Advised And Surgical Management If Undertaken. 6. Follow Up Of Each Case After 3 Weeks
Number of students that can be accommodated in this elective	10
Prerequisites for elective	Knowledge of anatomy and physiology and clinical examination of breast and Axilla.
Learning Resources for students	Clinical methods in surgery by s Das, short practice of surgery by bailey
List of activities in which the student will participate	<p>Attending Opd /Ipd to See Breast Lump Cases.</p> <p>To Attend Radiology Department To See Investigation Procedures Like Usg/Mammogram/MRI</p> <p>Observing Usg Guided FNAC / Trucut Biopsy Of Breast Lump In OT</p> <p>Attending Ot & Pathology To Observe Preparation Of Specimen For Hpe/Ihc – Study And Collecting Reports</p> <p>Document Planning By Oncologist & Surgeon (Team Work)</p> <p>Document and Follow Up Of Patients Receiving Neo Adjuvant Ct Followed By Surgery Or Surgery Followed By Chemotherapy</p> <p>Follow Up After 3 Weeks</p>
Portfolio entries required	Assignment Provided
Log book entry required	
Assessment	<ol style="list-style-type: none"> 1. Attendance 2. Log Book Entry Checked Regularly Every Week 3. Assessment At Exit Period
Other comments	

Elective 4: Management of acute Pancreatitis

Name of Block	Block 2
Name of Elective	Management of acute Pancreatitis
Location of hospital Lab or research facility	Jagannath Gupta Institute of Medical Sciences & Hospital Budge Budge Kolkata 700137
Name of internal preceptor(s)	Dr Ujjwal Bhattacharya Dr Somdeep Ghosh
Name of external preceptor (if any)	
Learning objectives of elective	<ol style="list-style-type: none"> 1. history and clinical examination of the patient admitted with the suspected diagnosis of acute pancreatitis. 2. Preoperative investigations + Serum Amylase (first 24-48 hours), Lipase and othersto confirm the diagnosis and find out the reason for acute pancreatitis. 3. Scoring System – document the patient’s findings according to the 3 popular scores for predicting severity of disease. (RANSON Score, APACHE 2, BISAP score, CT severity score etc.) 4. treatment protocol of management. 5. documentation of radiological investigations needed and their results. 6. document and understand the protocol of management of complications
Number of students that can be accommodated in this elective	5
Prerequisites for elective	Knowledge regarding pathophysiology, management & complications of pancreatitis
Learning Resources for students	Short Practice of Surgery Bailey & Love’s and clinical methods by S Das
List of activities in which the student will participate	<p>Participate in OP and IP rounds</p> <p>Observe and document the advices and activities of residents and faculty members</p> <p>Observe the radiological investigations being done for the patient in department of radio diagnosis.</p> <p>Present management of two cases in front of the department members</p> <p>Follow up the patient for 3 weeks and keep a record of his life style changes.</p>
Portfolio entries required	Assignment provided
Log book entry required	documentation of all activities observed and followed up of the particular patient on daily basis.
Assessment	<p>Attendance</p> <p>Daily check of the log book by the concerned resident and once a week by unit in charge</p> <p>Presentation of the cases minimum 2 to the department as a PPT.</p>
Other comments	

Elective 5: Perioperative care of diabetic foot with Gangrene

Name of Block	Block 2
Name of Elective	Perioperative care of diabetic foot with Gangrene
Location of hospital Lab or research facility	Jagannath Gupta Institute of Medical Sciences & Hospital Budge Budge Kolkata 700137
Name of internal preceptor(s)	Dr B K Chattejee Dr Swarup Anand
Name of external preceptor (if any)	Dr Amitesh Jha
Learning objectives of elective	<ol style="list-style-type: none"> 1. To understand what is gangrene. 2. To understand what is diabetic foot gangrene. 3. To be able to confirm diabetic gangrene by investigations. 4. To be able to understand protocol of management of co-morbid conditions 5. To understand severity of diabetes and follow protocol of management of blood sugar level 6. To understand different strategies of management of treatment of diabetic foot gangrene and keep a record. 7. document the method of taking informed consent for debilitating surgery ie amputations and disarticulations 8. follow and understand the method of disposal of the excised organ in the operation theatre
Number of students that can be accommodated in this elective	10
Prerequisites for elective	Knowledge of Anatomy and Physiology of the lower Limb along with patho-physiology of diabetic vascular complications
Learning Resources for students	Short practice of Surgery Bailey and Love's , clinical method by S Das, working knowledge of treatment of diabetes as studied in pharmacology and medicine.
List of activities in which the student will participate	<ol style="list-style-type: none"> 1. History and clinical examination of the patient. 2. detail examination of the limb involved along with the details of the ulcer. 3. Assessment of vascular status of lower limb of patient clinically 4. Observing Doppler examination of lower limbs blood vessels in radiology department and keeping a record. 5. keeping a daily photograph of development in the ulcer. 6. comparison of the 2 patients as per their blood glucose and HbA1c levels in relation to the development and progress of the ulcer. 7. keeping a record of modifiable life style problems in the patients. (smoking, obesity, hypertension)
Portfolio entries required	<ol style="list-style-type: none"> 1. Document and record of all assignments provided 2. Records of two worked up cases already presented 3. Documentation of Self Directed Learning as-summary of risk factors , preventive methods adopted and the reflection of patients seen.
Log book entry required	
Assessment	<ol style="list-style-type: none"> 1. Regular Attendance. 2. presentation by PPT of 2 cases recorded and documented along with photographs in front of department of surgery 3. record of self-directed learning of diabetes and its complications.
Other comments	

ELECTIVE BLOCK 2			
Name of Elective	Department	Name of Preceptor	No. of students
Spinal Deformities and its management	Orthopaedics	Prof (Dr) U K Debnath/ Dr R Prasad	5
Paediatric orthopaedics	Orthopaedics	Dr Sudip Deb Dr Asif Nadeem	5
Different types of Sports Injuries	Orthopaedics	Dr Amitava Sarkar Dr Rupam Chowdhury	5
Orthopaedic post-operative complications	Orthopaedics	Dr Faiyaz khan Dr Arnab Panda	5
Low Back pain	Orthopaedics	Dr Pankaj Mazumder Dr Debdutta Banerjee	5

Elective 1: Spinal Deformities and its management

Name of Block	Block 2
Name of Elective	Spinal deformities and its management
Location of hospital Lab or research facility	JIMSH
Name of internal preceptor(s)	Prof (Dr) U K Debnath /Dr R Prasad
Name of external preceptor (if any)	
Learning objectives of elective	Selection of patients, identify the causes, examination, preoperative preparations, surgical procedure, post operative Management and rehabilitation of different types of spinal deformities
Number of students that can be accommodated in this elective	5
Prerequisites for elective	Interest to pursue orthopaedics with special interest in spine.
Learning Resources for students	Campbell's operative orthopaedics
List of activities in which the student will participate	Opd, ward, OT
Portfolio entries required	yes
Log book entry required	yes
Assessment	At weekend
Other comments	

Elective 2: Paediatric orthopaedics

Name of Block	Block 2
Name of Elective	Paediatric orthopaedics
Location of hospital Lab or research facility	JIMSH
Name of internal preceptor(s)	Dr Sudip Deb/ Dr Asif Nadeem
Name of external preceptor (if any)	
Learning objectives of elective	To know about the incidence, different types of Congenital pediatric orthopaedic conditions, differences with adults, types of treatment and rehabilitation.
Number of students that can be accommodated in this elective	5
Prerequisites for elective	Active interest in children
Learning Resources for students	Rockwood Green fractures in children/ Technicians Paediatric Orthopaedics
List of activities in which the student will participate	Attendance in OPD, ward, OT
Portfolio entries required	Yes
Log book entry required	Yes
Assessment	Weekend
Other comments	

Elective 3: Different types of Sports Injuries

Name of Block	Block 2
Name of Elective	Different types of Sports Injuries
Location of hospital Lab or research facility	JIMSH
Name of internal preceptor(s)	Dr Amitava Sarkar Dr Rupam Chowdhury
Name of external preceptor (if any)	
Learning objectives of elective	Different patterns of sport injuries and basic principles of their management and rehabilitation.
Number of students that can be accommodated in this elective	5
Prerequisites for elective	Interest to pursue orthopaedics and basic anatomy knowledge of different ligaments and soft tissue attachments
Learning Resources for students	Anatomy, Campbell operative orthopaedics
List of activities in which the student will participate	OPD, Ward, OT
Portfolio entries required	Yes
Log book entry required	Yes
Assessment	Weekends
Other comments	

Elective 4: Orthopaedic post-operative complications

Name of Block	Block 2
Name of Elective	Orthopaedic post-operative complications
Location of hospital Lab or research facility	JIMSH
Name of internal preceptor(s)	Dr Faiyaz khan/ Dr Arnab Panda
Name of external preceptor (if any)	
Learning objectives of elective	Different varieties of complications during orthopaedic surgeries and immediate post op period in Ortho ward, and how to manage them
Number of students that can be accommodated in this elective	5
Prerequisites for elective	Active interest in ortho surgery and basic knowledge of pathophysiology/etiology in different kinds of post-op complications.
Learning Resources for students	Campbell's operative orthopaedics, Rockwood & Green's fractures & joint injuries
List of activities in which the student will participate	Pt assessment in opd, ward. Presence in ot, post op management
Portfolio entries required	Yes
Log book entry required	Yes
Assessment	At weekend
Other comments	

Elective 5: Low Back pain

Name of Block	Block 2
Name of Elective	Low Back pain
Location of hospital Lab or research facility	JIMSH
Name of internal preceptor(s)	Dr Pankaj Mazumder/ Dr Debdutta Banerjee
Name of external preceptor (if any)	
Learning objectives of elective	Different causes of Low backache, prevalence in the community, problem statement, management, investigation, treatment and rehabilitation.
Number of students that can be accommodated in this elective	5
Prerequisites for elective	Active interest in the subject and knowledge of basic anatomy and physiology of nervous system.
Learning Resources for students	Campbell's operative orthopaedics, Rockwood & Green's fractures & joint injuries.
List of activities in which the student will participate	Pt assessment in opd, ward. Presence in ot, presence in physiotherapy department.
Portfolio entries required	Yes
Log book entry required	Yes
Assessment	At weekend
Other comments	

ELECTIVE BLOCK 2

Name of Elective	Department	Name of Preceptor	No. of students
High Risk Pregnancy (medical & surgical)	Obstetrics & Gynaecology	Dr. M Mishra/Dr S Ghosh/Dr M Sarkar	5
Infertility / role of MIS	Obstetrics & Gynaecology	Dr. Abhipsa /Dr S Chanda/Dr P Chakraborty/Dr D Tapadar	5
Exposure to Gynae Oncology service	Obstetrics & Gynaecology	Dr Priya Mohon/Dr S Barua/Dr P Priyodarshini / Dr S K Saha	5

Elective 1: High Risk Pregnancy

Name of Block	Block2
Name of Elective	High Risk Pregnancy (medical & surgical)
Location of hospital Labor facility	Labour-room,2ndstage,LROT,opd
Name of internal preceptor(s)	Dr. M Mishra/Dr S Ghosh/Dr M Sarkar
Learning objectives of elective	<ol style="list-style-type: none"> 1. To obtain experience by observing High Risk pregnancy patients. 2. To observe &prepare High Risk pregnancy patients for delivery/C. Section 3. Counselling of couple regarding outcome of pregnancy. 4. To learn management by multidisciplinary team. 5. To optimize time of delivery. 6. To note neonatal outcome
Number of students that can be Accommodated in this elective	5-7
Pre requisites for elective	<p>Good clinical practice Basic life support Basic suturing and first aid Necessary immunizations Universal precaution certification</p>
Learning resources for students	Fernando Aria's high risk pregnancy.
List of activities of student participation	<ol style="list-style-type: none"> 1. Work daily with a supervisor in observing &assisting procedures. 2. To document at least 5 procedures observed/assisted.
Portfolio entries required	1. Documentation of worked up cases
Log book entry required	Completion of posting signed by preceptor
Assessment	<p>Formative:</p> <ol style="list-style-type: none"> 1. Attendance 2. Day-to-day participation intra departmental activity 3. Performance of assigned tasks
Other comments	-

Elective 2: Infertility / Role of MIS

Name of Block	Block 2
Name of Elective	Infertility / role of MIS
Location of hospital Lab or research facility	OPD & IPD/OT
Name of internal preceptor(s)	Dr. Avipsa /Dr S Chanda/Dr P Chakraborty/Dr D Tapadar
Name of external preceptor (if applicable)	-
Learning objectives of elective	1. To obtain experience by observing Infertility / minimal access surgery 2. To observe counselling of couple prior to procedure. 3. To be able to enumerate indications of procedure, steps of work up & procedure in OPD & IPD/OT.
Number of students that can be accommodated in this elective	5-7
Prerequisites for elective	Good clinical practice Necessary immunizations Universal precaution certification
Learning resources for students	Speroff's Clinical Gynecologic Endocrinology & Infertility
List of activities of student participation	1. Work daily with a supervisor in observing, assisting infertility/MIS. 2. To document at least FIVE procedures observed/assisted.
Portfolio entries required	1. Documentation of worked up cases
Log book entry required	Completion of posting signed by preceptor
Assessment	Formative: 1. Attendance 2. Day-to-day participation in departmental activity performance of assigned tasks
Other comments	-

Elective 3: Exposure to Gynae Oncology service

Name of the block	Block II—Obstetrics and Gynaecology
Name of the elective	Exposure to Gynae Oncology service
Location/setting	Gynaec OPD, OT, Gynaec preoperation and post operation ward
Internal preceptor	Dr Priya Mohon/Dr S Barua/Dr P Priyodarshini / Dr S K Saha
External preceptor	--
Learning objectives	<ol style="list-style-type: none"> 1. The student will be able to discuss screening methods for gynae malignancies like cancer cervix 2. Will be able to know the presentation, take relevant history and elicit signs of main gynae malignancies – cervix, endometrium and ovary 3. Will be able to discuss the investigations used to arrive at diagnosis 4. Will be able to communicate bad news to patient and family with empathy 5. Will be able to understand Multidisciplinary team management for gynae malignancies 6. Will be able to discuss management of precancerous and cancerous lesions
Number of students	5
Prerequisites	<ol style="list-style-type: none"> 1. Should have an 2. Interest in Women's health in general and gynaecological cancers in particular 3. should have a background understanding of the significance and epidemiology of the 3 main gynaecological cancers in India
Learning resources	Shaw's Textbook of Gynaecology Dutta's Textbook of Gynaecology
Teaching Methods	Informal clinical attachment, Observation Case-based discussion in clinics, wards, OT Interactive learning
List of activities	<ol style="list-style-type: none"> 1. Take history from a patient with suspected/proven gynae malignancy in Gynaec OPD/Ward-3 2. Should do speculum and bimanual pelvic examination under supervision in Gynaec OPD/Ward -1 3. observe/assist-- pap smear/LBC screening for cervical preailgnancy and malignancy in Gynaec OPD—1 4. should observe how diagnosis of malignancy and management options are communicated to the patient & family--1
	<ol style="list-style-type: none"> 1. observe/assist -- VIA and cervical biopsy with or without colposcopy-1 2. observe-Gynae once MDT (Tumour Board) meeting with Oncologist and Pathologist-1 3. observe/assist--staging Laparotomy for gynae malignancy-1
Portfolio entries	<ol style="list-style-type: none"> 1. Visit at least one other department involved in care of gynae malignancies— Day care Chemotherapy unit/Oncology OPD/Treatment planning Room/Pathology Lab/Radio diagnosis 2. opportunity to interact with Palliative Care team
Log book entries	List of activities specified above to be signed off
Assessment	At the end of 2 weeks—15 minute Powerpoint presentation on a gynae once topic of interest after discussion with supervisor

Feedback	1. Introductory, midpoint and end of cycle meetings with the supervisor to check on progress 2. Feedback Survey form to be filled and submitted
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ELECTIVE BLOCK 2

Name of Elective	Department	Name of Preceptor	No. of students
Effects of different factors on medical and nursing students having myopia.	Ophthalmology	Dr. Nazneen Nazm Dr. Tapes Kanti Saha Dr. Prof. Mrinal Kanti Ghosh	6
Screening of Diabetic Retinopathy among diabetics attending JIMSH OPD and IPD.	Ophthalmology	Dr. Madhura Mukherjee Dr. Subhra Sil Dr. Prof. Mrinal Kanti Ghosh	6
Screening for Dry Eye Disease among HR department staffs and support staffs of JIMSH	Ophthalmology	Dr. Soumya Kundu Dr. Soumyadeep Hazra Dr. Prof. Mrinal Kanti Ghosh	6
Ocular Emergencies.	Ophthalmology	Dr. Prof. Mrinal Kanti Ghosh Dr. Nazneen Nazm	6

Elective 1: Effects of different factors on Medical and Nursing students having myopia

Name of Block	BLOCK-2
Name of Elective	Effects of different factors on Medical and Nursing students having myopia.
Location of hospital Lab or research facility	JIMSH, Budge Budge
Name of internal preceptor(s)	Dr. Nazneen Nazm Dr. Tapes Kanti Saha Dr. Prof. Mrinal Kanti Ghosh
Name of external preceptor (if any)	NIL
Learning objectives of elective	<ol style="list-style-type: none"> 1. To be able to approach and diagnose myopia. 2. To assess effects of various lifestyle among students with myopia. 3. To analyse statistical data.
Number of students that can be accommodated in this elective	06
Prerequisites for elective	<ul style="list-style-type: none"> • Permission from respective authorities. • Consent of the patients being examined.
Learning Resources for students	Standard Textbooks, Departmental handbooks provided
List of activities in which the student will participate	<ol style="list-style-type: none"> 1. Vision recording 2. Recording of Refractive correction 3. Examination of ocular health and performing procedures to examine ocular health 4. Google Form to be created 5. Collection and Maintenance of Data
Portfolio entries required	Results of the screening of the said population to be entered.
Log book entry required	YES <ul style="list-style-type: none"> • Daily screening activities to be entered • Evaluation of the entries at the end of the posting by the preceptors.
Assessment	MCQs, Viva, Logbook Entry Evaluation.
Other comments	

Elective 2: Screening of Diabetic Retinopathy among diabetics attending JIMSH OPD and IPD

Name of Block	BLOCK-2
Name of Elective	Screening of Diabetic Retinopathy among diabetics attending JIMSH OPD and IPD.
Location of hospital Lab or research facility	JIMSH, Budge Budge
Name of internal preceptor(s)	Dr. Madhura Mukherjee Dr. Subhra Sil Dr. Prof. Mrinal Kanti Ghosh
Name of external preceptor (if any)	NIL
Learning objectives of elective	<ol style="list-style-type: none"> 1. To be aware of the importance of screening of diabetic retinopathy in all diabetics. 2. To be able to counsel patients for required investigations and available management options. 3. To be able to counsel the patients about outcome of the disease. 4. To be able to advice for lifestyle modification for patients.
Number of students that can be accommodated in this elective	06
Prerequisites for elective	Consent of the patients being examined. Basic knowledge about diabetic eye changes.
Learning Resources for students	Standard UG textbooks, Scholarly articles from internet
List of activities in which the student will participate	<ol style="list-style-type: none"> 1. Recording of vision 2. Documentation of history and associated risk factors responsible for the condition. 3. Documentation of results of various examination findings and any investigation findings if performed. (eg- Fundus picture, Fundoscopy changes, OCT scan findings etc) 4. Counselling the patients about treatment options and following up. 5. Analysis of the entered data.
Portfolio entries required	Results of the screening of the said population to be entered.
Log book entry required	YES -Daily documentation of the screening activities. -Evaluation of logbook entries by the preceptors at the end of the posting.
Assessment	MCQs, Viva/Practical, Logbook entry evaluation.
Other comments	

Elective 3: Screening for Dry Eye Disease among HR department staffs and support staffs of JIMSH

Name of Block	BLOCK-2
Name of Elective	Screening for Dry Eye Disease among HR department staffs and support staffs of JIMSH
Location of hospital Lab or research facility	JIMSH, Budge Budge
Name of internal preceptor(s)	Dr. Soumya Kundu Dr. Soumyadeep Hazra Dr. Prof. Mrinal Kanti Ghosh
Name of external preceptor (if any)	NIL
Learning objectives of elective	1. To be able to perform basic investigative procedures. 2. To assess effects of lifestyle among patients with dry eye. 3. To be able to counsel the patients and advice for lifestyle modifications.
Number of students that can be accommodated in this elective	06
Prerequisites for elective	Consent of the patients being examined. Basic knowledge about dry eye disease and various treatment options.
Learning Resources for students	Departmental handbooks provided, Standard UG textbooks, OSDI scoring.
List of activities in which the student will participate	1. Vision recording. 2. Documentation of associated risk factors responsible for dry eye disease. 3. Examination of ocular health to diagnose dry eye. 4. Performing investigative procedures required to diagnose dry eye and documentation of the findings. 5. Collection, maintenance and analysis of the data.
Portfolio entries required	Results of the screening in the said population to be entered.
Log book entry required	YES -Daily documentation of the screening activities. - Evaluation of the logbook entries by the preceptors at the end of the posting.
Assessment	Viva/Practical, MCQs, Logbook entry evaluation
Other comments	

Elective 4: Ocular emergencies

Name of Block	BLOCK-2
Name of Elective	Ocular emergencies
Name of internal preceptor(s)	Dr. Prof. Mrinal Kanti Ghosh Dr. Nazneen Nazm
Name of external preceptor (if any)	NIL
Learning objectives of the elective	<ol style="list-style-type: none"> 1. To be able to identify the emergency conditions. 2. To be able to assess and diagnose the condition from the findings. 3. To be able to counsel the patients about management options and complications. 4. To be able to communicate with patient and patients' attenders about the situation and treatment plans.
Number of students that can be accommodated in this elective	06
Prerequisites for the elective	<ul style="list-style-type: none"> -Basic immunisation. -Basic knowledge about ocular emergency conditions. -Permission of EMO - Co Consent of the patient or patient's attender.
Learning resources for students	Standard UG textbooks, scholarly articles from internet
List of activities in which the student will participate	<ol style="list-style-type: none"> 1. Examination of patient and documentation of the findings. 2. Perform basic required procedures for diagnosis, under supervision. 3. Counselling of the patients and the attenders about the prognosis and treatment options available. 4. Following up of the patients and documentation of all findings on every follow up. 5. Maintenance and analysis of the documented data.
Portfolio entries required	Record keeping of cases seen and the procedures performed.
Log book entry required	YES <ul style="list-style-type: none"> • Daily documentation of the examination findings, ongoing treatment. • Evaluation of logbook entries by the preceptors at the end of the posting.
Assessment	Case presentation, Viva/Practical, OSCE, evaluation of logbook entries.
Other comments	

ELECTIVE BLOCK 2

Name of Elective	Department	Name of Preceptor	No. of students
Clinical otology and micro ear surgeries	Otorhinolaryngology	Prof (Dr) Subrata Mukhopadhyay/ Dr. Madhurima Banerjee	6
Clinical laryngology and neck surgeries	Otorhinolaryngology	Prof (Dr) Debasish Barman/ Dr. Anshu Chopra	6
Clinical rhinology and endoscopic surgery	Otorhinolaryngology	Prof (Dr) Sanjoy Kumar Ghosh/ Dr. Kumar Shankar De	6

Elective 1: Clinical otology and micro ear surgeries

Name of Block	Block 2
Name of Elective	Clinical otology and micro ear surgeries
Location of hospital Lab or research facility	Hospital
Name of internal preceptor(s)	Prof (Dr) Subrata Mukhopadhyay/Dr. Madhurima Banerjee
Name of external preceptor (if any)	
Learning objectives of elective	To learn, examine, and treat patients with ear complaints under supervision of preceptor To learn and perform pure tone audiometry under supervision of preceptor To learn handling of otomicroscope under supervision of preceptor
Number of students that can be accommodated in this elective	6
Prerequisites for elective	Basic knowledge ear diseases and handling of OPD instruments
Learning Resources for students	
List of activities in which the student will participate	Examine patients with ear complaints Perform minor OPD procedures Handling of otoscope and assisting ear surgeries
Portfolio entries required	No
Log book entry required	Yes
Assessment	Viva/ practical
Other comments	

Elective 2: Clinical laryngology and neck surgeries

Name of Block	Block 2
Name of Elective	Clinical laryngology and neck surgeries
Location of hospital Lab or research facility	Hospital
Name of internal preceptor(s)	Prof (Dr) Debasish Barman/ Dr. Anshu Chopra
Name of external preceptor (if any)	
Learning objectives of elective	To learn, examine, and treat patients with throat and neck complaints under supervision of preceptor To learn and perform FOL under supervision of preceptor To learn handling of OPD instruments
Number of students that can be accommodated in this elective	6
Prerequisites for elective	Basic knowledge of throat diseases
Learning Resources for students	
List of activities in which the student will participate	Examine patients with throat and neck complaints Perform minor opd procedures Handling of flexible laryngoscope Assist in throat and head and neck surgeries
Portfolio entries required	No
Log book entry required	Yes
Assessment	Viva/ practical
Other comments	

Elective 3: Clinical rhinology and endoscopic surgery

Name of Block	Block 2
Name of Elective	Clinical rhinology and endoscopic surgery
Location of hospital Lab or research facility	Hospital
Name of internal preceptor(s)	Prof (Dr) Sanjoy Kumar Ghosh/ Dr. Kumar Shankar De
Name of external preceptor (if any)	
Learning objectives of elective	To learn, examine, and treat patients with nose and paranasal sinuses complaints under supervision of preceptor To learn and perform diagnostic nasal endoscopy under supervision of preceptor To learn handling of OPD instruments
Number of students that can be accommodated in this elective	6
Prerequisites for elective	Basic knowledge Nose diseases
Learning Resources for students	
List of activities in which the student will participate	Examine patients with Nose and paranasal sinuses complaints Perform minor opd procedures Handling of nasal endoscope and perform diagnostic nasal endoscopy
Portfolio entries required	No
Log book entry required	Yes
Assessment	Viva/ practical
Other comments	