

ELECTIVE PROGRAM BATCH 2022-23

ELECTIVE BLOCK 2			
Name of Elective	Depart ment	Name of Preceptor	No. of students
BARD Scoring System in NAFLD and Its Correlation with Ultrasonography (USG) Grading	General Medicine	Prof. Dr A. K. Saha Dr Prasun Chatterjee Dr Aditya Chowdhury	5
Clinical Evaluation and Biomarker-Based Risk Stratification in Chronic Heart Failure	General Medicine	Prof. Dr Shibendu Ghosh Dr Koushik Mal Dr Ankita Roy	5
Clinical Assessment and Symptom-Based Evaluation of Chronic Obstructive Pulmonary Disease (COPD) Using GOLD Guidelines	General Medicine	Prof. Dr Somnath Maitra Dr Santanu Mandal Dr Joydeep Sarkar	5
Clinical Approach to Common Hematological Disorders in In-Patient (IPD) Settings	General Medicine	Prof. Dr Mrityunjay Sarkar Dr Shankar Dutta Dr Bipratip Mukherjee	5
Etiological Evaluation and Secondary Prevention Strategies in Ischemic Stroke	General Medicine	Prof. Dr Kaushik Hazra Dr Puja Mahato Dr Promit Bhakta	5

Elective 1: BARD Scoring System in NAFLD and Its Correlation with Ultrasonography (USG) Grading

Name of Block	Block 2
Name of Elective	BARD Scoring System in NAFLD and Its Correlation with Ultrasonography (USG) Grading
Location of Hospital Lab or Research Facility	Medicine OPD, Radiology Department (USG), Medical Records Section
Name of Internal Preceptor(s)	Prof. Dr A. K. Saha Dr Prasun Chatterjee Dr Aditya Chowdhury
Name of External Preceptor (if any)	Nil
Learning Objectives of Elective	<ul style="list-style-type: none"> • Understand NAFLD spectrum and metabolic risk factors • Learn components and calculation of BARD score • Correlate BARD score with USG grading of fatty liver • Identify patients at risk of advanced fibrosis
Number of Students	5
Prerequisites for Elective	
Learning Resources for Students	<ul style="list-style-type: none"> • Harrison's Principles of Internal Medicine • EASL/AGA NAFLD guidelines • USG reports and case records
List of Activities in Which the Student Will Participate	<ul style="list-style-type: none"> • Clinical evaluation of NAFLD patients • Calculation of BARD score • Interpretation of USG findings • Case discussions
Portfolio Entries Required	Case summary with BARD score and USG correlation
Log Book Entry Required	Yes
Assessment	At the end of the posting by the preceptor – meets expectations / does not meet expectations
Other Comments	Nil

Elective 2: Clinical Evaluation and Biomarker-Based Risk Stratification in Chronic Heart Failure

Name of Block	Block 2
Name of Elective	Clinical Evaluation and Biomarker-Based Risk Stratification in Chronic Heart Failure
Location of Hospital Lab or Research Facility	Medicine OPD/IPD, Cardiology unit, Biochemistry Lab
Name of Internal Preceptor(s)	Prof. Dr Shibendu Ghosh Dr Koushik Mal Dr Ankita Roy
Name of External Preceptor (if any)	Nil
Learning Objectives of Elective	<ul style="list-style-type: none">• Classify heart failure based on EF• Learn role of NT-proBNP and biomarkers• Perform functional and clinical assessment• Risk stratification
Number of Students	5
Prerequisites for Elective	
Learning Resources for Students	<ul style="list-style-type: none">• Harrison's Internal Medicine• ACC/AHA & ESC Heart Failure Guidelines
List of Activities in Which the Student Will Participate	<ul style="list-style-type: none">• Clinical examination of HF patients• Interpretation of biomarkers• Case-based discussions
Portfolio Entries Required	Heart failure case with biomarker interpretation
Log Book Entry Required	Yes
Assessment	By internal preceptor
Other Comments	Nil

Elective 3: Clinical Assessment and Symptom-Based Evaluation of Chronic Obstructive Pulmonary Disease (COPD) Using GOLD Guidelines

Name of Block	Block 2
Name of Elective	Clinical Assessment and Symptom-Based Evaluation of Chronic Obstructive Pulmonary Disease (COPD) Using GOLD Guidelines
Location of Hospital Lab or Research Facility	Medicine OPD, IPD, Spirometry Unit
Name of Internal Preceptor(s)	Prof. Dr Somnath Maitra Dr Santanu Mandal Dr Joydeep Sarkar
Name of External Preceptor (if any)	Nil
Learning Objectives of Elective	<ul style="list-style-type: none"> Understand COPD pathophysiology GOLD classification and symptom scores Role of spirometry in diagnosis Assess exacerbation risk
Number of Students	5
Prerequisites for Elective	
Learning Resources for Students	<ul style="list-style-type: none"> GOLD Guidelines Harrison's Internal Medicine
List of Activities in Which the Student Will Participate	<ul style="list-style-type: none"> COPD patient evaluation CAT/mMRC scoring Spirometry interpretation
Portfolio Entries Required	COPD case with GOLD classification
Log Book Entry Required	Yes
Assessment	By internal preceptor
Other Comments	Nil

Elective 4: Clinical Approach to Common Hematological Disorders in In-Patient (IPD) Settings

Name of Block	Block 2
Name of Elective	Clinical Approach to Common Hematological Disorders in In-Patient (IPD) Settings
Location of Hospital Lab or Research Facility	Medicine IPD, Hematology Lab, Blood Bank
Name of Internal Preceptor(s)	Prof. Dr Mrityunjay Sarkar Dr Shankar Dutta Dr Bipratip Mukherjee
Name of External Preceptor (if any)	Nil
Learning Objectives of Elective	<ul style="list-style-type: none">• Approach to anemia, thrombocytopenia, leukemias• Interpretation of CBC and peripheral smear• Transfusion principles
Number of Students	5
Prerequisites for Elective	
Learning Resources for Students	Harrison's Internal Medicine
List of Activities in Which the Student Will Participate	<ul style="list-style-type: none">• IPD case evaluation• Lab report interpretation• Ward discussions
Portfolio Entries Required	Hematology case work-up
Log Book Entry Required	Yes
Assessment	By internal preceptor
Other Comments	Nil

Elective 5: Etiological Evaluation and Secondary Prevention Strategies in Ischemic Stroke

Name of Block	Block 2
Name of Elective	Etiological Evaluation and Secondary Prevention Strategies in Ischemic Stroke
Location of Hospital Lab or Research Facility	Medicine IPD, Neurology Unit, Radiology Department
Name of Internal Preceptor(s)	Prof. Dr Kaushik Hazra Dr Puja Mahato Dr Promit Bhakta
Name of External Preceptor (if any)	Nil
Learning Objectives of Elective	<ul style="list-style-type: none">Etiological classification of ischemic strokeStroke risk factor assessmentSecondary prevention strategiesInterpretation of neuroimaging
Number of Students	5
Prerequisites for Elective	<ul style="list-style-type: none">Harrison's Internal MedicineAHA/ASA Stroke Guidelines
Learning Resources for Students	
List of Activities in Which the Student Will Participate	<ul style="list-style-type: none">Stroke case evaluationReview of imagingPrevention strategy planning
Portfolio Entries Required	Stroke case with etiological work-up
Log Book Entry Required	Yes
Assessment	By internal preceptor
Other Comments	Nil

ELECTIVE BLOCK 2

Name of Elective	Department	Name of Preceptor	No. of students
Skin changes in normal new born is first 15 days.	Paediatrics	Prof Dr. J.Das Dr. V. Sengupta Dr. D. Ghatak	5
Stool behaviour of normal new born upto 7 days.	Paediatrics	Prof Dr. M. Bhattacharya Dr. M. Mahapatra Dr. S. Ghosh	5
Temp assessment of normal new born with respect to grades of hypothermia.	Paediatrics	Prof Dr. M. Sengupta Dr. S. Majumder Dr. S. Ghosh	5
Assessment of icterus by cremer staging.	Paediatrics	Prof Dr. S. Bhanja Dr. A. Basu	5

Elective 1: Skin changes in normal new born is first 15 days.

Name of Block	Block 2
Name of Elective	Skin changes in normal new born is first 15 days
Location of hospital Lab or research facility	JIMSH
Name of internal preceptor(s)	Prof Dr. J.Das Dr. V. Sengupta Dr. D. Ghatak
Name of external preceptor (if any)	Nil
Learning objectives of elective	Object to detect the clinical laboratories parameter of neonates.
Number of students that can be accommodated in this elective	5
Prerequisites for elective	
Learning Resources for students	Theory and practical in jimsh.
List of activities in which the student will participate	Clinical examination and presentation under the Supervision of preceptors
Portfolio entries required	Data collection analysis and presentation.
Log book entry required	Results of screening in the neonate
Assessment	At the end of the posting by the preceptor, whether meets the expectation or not
Other comments	

Elective 2: Stool behaviour of normal new born upto 7 days.

Name of Block	Block 2
Name of Elective	Stool behaviour of normal new born upto 7 days.
Location of hospital Lab or research facility	JIMSH
Name of internal preceptor(s)	Prof Dr. M. Bhattacharya Dr. M. Mahapatra Dr. S. Ghosh
Name of external preceptor (if any)	Nil
Learning objectives of elective	object to detect the clinical laboratories parameter of neonates.
Number of students that can be accommodated in this elective	5
Prerequisites for elective	
Learning Resources for students	Theory and practical in jimsh.
List of activities in which the student will participate	Clinical examination and presentation under the supervision of preceptors.
Portfolio entries required	Data collection analysis and presentation.
Log book entry required	Results of screening in the neonate
Assessment	At the end of the posting by the preceptor, whether meets the expectation or not
Other comments	

Elective 3: Temp assessment of normal new born with respect to grades of hypothermia.

Name of Block	Block 2
Name of Elective	Temp assessment of normal new born with respect to grades of hypothermia.
Location of hospital Lab or research facility	JIMSH
Name of internal preceptor(s)	Prof Dr. M. Sengupta Dr. S. Majumder Dr. S. Ghosh
Name of external preceptor (if any)	Nil
Learning objectives of elective	object to detect the clinical laboratories parameter of neonates.
Number of students that can be accommodated in this elective	5
Prerequisites for elective	
Learning Resources for students	Theory and practical in JIMSH.
List of activities in which the student will participate	Clinical examination and presentation under the supervision of preceptors.
Portfolio entries required	Data collection analysis and presentation.
Log book entry required	Results of screening in the neonate
Assessment	At the end of the posting by the preceptor, whether meets the expectation or not
Other comments	

Elective 4: Assessment of icterus by cremer staging.

Name of Block	Block 2
Name of Elective	Assessment of icterus by cremer staging.
Name of internal preceptor(s)	JIMSH
Name of external preceptor (if any)	Prof Dr. S. Bhanja Dr. A. Basu
Learning objectives of the elective	Nil
Number of students that can be accommodated in this elective	5
Prerequisites for the elective	
Learning resources for students	Theory and practical in jimsh.
List of activities in which the student will participate	Clinical examination and presentation under the supervision of preceptors.
Portfolio entries required	Data collection analysis and presentation.
Log book entry required	Results of screeing in the neonate
Assessment	At the end of the posting by the preceptor, whether meets the expectation or not
Other comments	

ELECTIVE BLOCK 2

Name of Elective	Department	Name of Preceptor	No. of students
Dermatosurgery	Dermatology	Dr Arunima Dhabal	4
Clinical Dermatology	Dermatology	Dr Tania Garai	4

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Elective 1: Dermatosurgery

Name of Elective	Dermatosurgery
Location of the hospital	JIMSH, Budge Budge
Name of the internal preceptors	Dr Arunima Dhabal
Name of the external preceptors (if any)	Nil
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	4
Prerequisites for elective	
Learning resources for students	Necessary immunizations
List of activities of student participation	<ol style="list-style-type: none"> 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	<ol style="list-style-type: none"> 1. Documentation of cases observed 2. Documentation of cases performed
Log book entry required	Completion of posting signed by preceptor with a “meets expectation (M)grade“
Assessment	<ol style="list-style-type: none"> 1. Attendance 2. Day-to-day participation in departmental activities 3. Performance of assigned tasks
Other comments	

Elective 2: Clinical Dermatology

Name of Elective	Clinical Dermatology
Location of the hospital	JIMSH, Budge Budge
Name of the internal preceptors	Dr Tania Garai
Name of the external preceptors (if any)	Nil
Learning objectives of elective	<ol style="list-style-type: none">1. To diagnose common skin and soft tissue infections2. 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	4
Prerequisites for elective	
Learning resources for students	Necessary immunizations
List of activities of student participation	<ol style="list-style-type: none">1. Work daily with the preceptor in history taking and examination of patients in Dermatology OPD2. Present at least four OPD cases to the preceptor at the end of session.
Portfolio entries required	<ol style="list-style-type: none">1. Documentation of worked up cases2. 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

ELECTIVE BLOCK 2

Name of Elective	Department	Name of Preceptor	No. of students
Research Methodology Hands on Workshop	Community Medicine	Dr. Aditi Aikat Dr. J Mukhopadhyay Dr. Debayan Mallik Dr. Samarendra Biswas Dr. Subhajoy Moitra Dr. Sayeli Mitra Dr. Archi Chandra Dr. Ria Mukherjee Dr. Satyabrata Maity Dr. Smita Dalui Mr. Suman Ghosh	6
PUBMED SEARCH Hands on Workshop	Community Medicine	Dr. Subhajoy Moitra Dr. Sayeli Mitra Dr. Archi Chandra	4
Focused Grouped Discussion FAP (Qualitative Research)	Community Medicine	Dr. Samarendra Biswas Dr. Ria Mukherjee Dr. Satyabrata Maity Dr. Smita Dalui	6
Data Analysis with SPSS	Community Medicine	Dr. S. Maitra Dr. Sayeli Mitra Dr. Archi Chandra	4
IEC MATERIAL DEVELOPMENT Hands on Workshop	Community Medicine	Dr. J Mukhopadhyay Dr. Debayan Mallik Dr. Samarendra Biswas Dr. Satyabrata Maity	6

Elective 1: Research Methodology Hands on Workshop

Name of Block	Block 2
Name of Elective	Research Methodology Hands on Workshop
Location of hospital Lab or research Facility	JIMSH, Budge Budge
Name of internal preceptor(s)	<p>Dr. Aditi Aikat Dr. J Mukhopadhyay Dr. Debayan Mallik Dr. Samarendra Biswas Dr. Subhajoy Moitra Dr. Sayeli Mitra Dr. Archi Chandra Dr. Ria Mukherjee Dr. Satyabrata Maity Dr. Smita Dalui Mr. Suman Ghosh</p>
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 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) Data will be provided by the department)

Name of Block	Block 2
Name of Elective	Analytical Research (secondary data analysis) Data will be provided by the department)
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 know how to represent a data set 2. To find out inference from the data set 3. To have basic idea on statistical softwire
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	<ol style="list-style-type: none"> 1. Data tables and diagram 2. Analysis the data in statistical softwire 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	<ol style="list-style-type: none"> 1. Attendance 2. Successful verification of required portfolio entries, Successful completion of the posting as certified
Other comments	

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

Name of Block	Block 2
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	<ol style="list-style-type: none"> 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 softwire
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	3. Attendance 4. Successful verification of required portfolio entries, Successful completion of the posting as certified
Other comments	

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

Name of Block	Block 2
Name of Elective	Focused Grouped Discussion (qualitative research) on mentor mantis 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	<p>4. To know the methods of FGD</p> <p>5. To know how to write the findings of FGD</p> <p>6. Qualitative Data Analysis</p>
Number of students that can be accommodated in this elective	6
Prerequisites for elective	<p>Laptop</p> <p>Statistical softwire</p>
Learning Resources for students	<p>Biostatistics</p> <p>Research methodology</p> <p>Qualitative research</p>
List of activities in which the student will participate	<p>1 conduct FGD</p> <p>2 write the report</p> <p>3 presentation of the finding</p>
Portfolio entries required	Daily log of patients seen and activities participated.
Log book entry required	Satisfactory completion of posting by institutional preceptor
Assessment	<p>Attendance</p> <p>Successful verification of required portfolio entries,</p> <p>Successful completion of the posting as certified</p>
Other comments	

Elective 5: Data Analysis with SPSS software Data sheet will be provided by the department

Name of Block	Block 2
Name of Elective	Data Analysis with SPSS software Data sheet will be provided by the department
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	7. To know the methods of data analysis with SPSS 8. 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 Swadha priya Basu/ Dr Soma Shekhar Dhavala/ Dr. Rahul Singla/ Dr. Shweta Kothari/ Dr. Nilanjan Mukherjee	6

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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 Swadha priya Basu/ Dr Soma Shekhar Dhavala/ Dr. Rahul Singla/ Dr. Shweta Kothari/ Dr. Nilanjan Mukherjee
Name of external preceptor (if any)	NA
Learning objectives of elective	<ol style="list-style-type: none"> 1. To be able to enumerate the common causes of Low back pain correctly. 2. To be able to describe the Imaging findings of most common cause of Low back pain correctly. 3. To 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	<ol style="list-style-type: none"> 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 workup.
Portfolio entries required	<ol style="list-style-type: none"> 1. Documentation of worked up cases 2. Documentation of presentationDone.
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 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 & HospitalBudge 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</p> <p>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. 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	<p>Attendance</p> <p>Regular check of the log book every 2nd day.</p>
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 Swapna 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	<p>document and record of all assignments provided</p> <p>2. Records of two worked up cases already presented</p> <p>3. Documentation of Self-Directed Learning as a summary of risk factors, preventive methods adopted and the reflection of patients seen.</p>
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	<p>1. History and Clinical Examination of Patients Presenting with Problems in Breast</p> <p>2. Observe and Note Procedure of Radiological Examination of Cases of Breast Complaints-Usg/ Mammogram/ MRI</p> <p>3. Observe and Note and Note Procedure Of Tru-Cut Biopsy Of Breast Lump/Usg Guided FNAC.</p> <p>4. Observe and Note Preparation of Biopsy/ Histopathology Specimen And Follow It Up For The Reports Including IHC- Marker Identification.</p> <p>5. Observe And Document The Plan Of Management Advised And Surgical Management If Undertaken.</p> <p>6. Follow Up Of Each Case After 3 Weeks</p>
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 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	<p>1. Attendance</p> <p>2. Log Book Entry Checked Regularly Every Week</p> <p>3. Assessment At Exit Period</p>
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	<p>1. history and clinical examination of the patient admitted with the suspected diagnosis of acute pancreatitis.</p> <p>2. Preoperative investigations + Serum Amylase (first 24-48hours), Lipase and othersto confirm the diagnosis and find out the reason for acute pancreatitis.</p> <p>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.)</p> <p>4. treatment protocol of management.</p> <p>5. documentation of radiological investigations needed and their results.</p> <p>6. document and understand the protocol of management of complications</p>
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 beingdone 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 limb's 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	Departme nt	Name of Preceptor	No. of students
Different Spinal Deformities/disorders and its management	Orthopaedics	Prof (Dr) U K Debnath/ Dr R Prasad	5
Orthopaedics problems in pediatric population	Orthopaedics	Dr Sudip Deb/ Dr Asif Nadeem	5
Different ligament injuries around knee and shoulder	Orthopaedics	Dr AmitavaSarkar/ Dr Rupam Chowdhury	5
Orthopaedic post operative complications and its management	Orthopaedics	Dr Arnab Panda/Dr shashank shrivastava	5
Approaches and different aspects of 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	Different 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 orthopedics 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 week end
Other comments	

Elective 2: Paediatric orthopaedics

Name of Block	Block 2
Name of Elective	Orthopaedics problems in pediatric population
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,different types of pediatric fractures ,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/ Tachdjians Pediatric 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

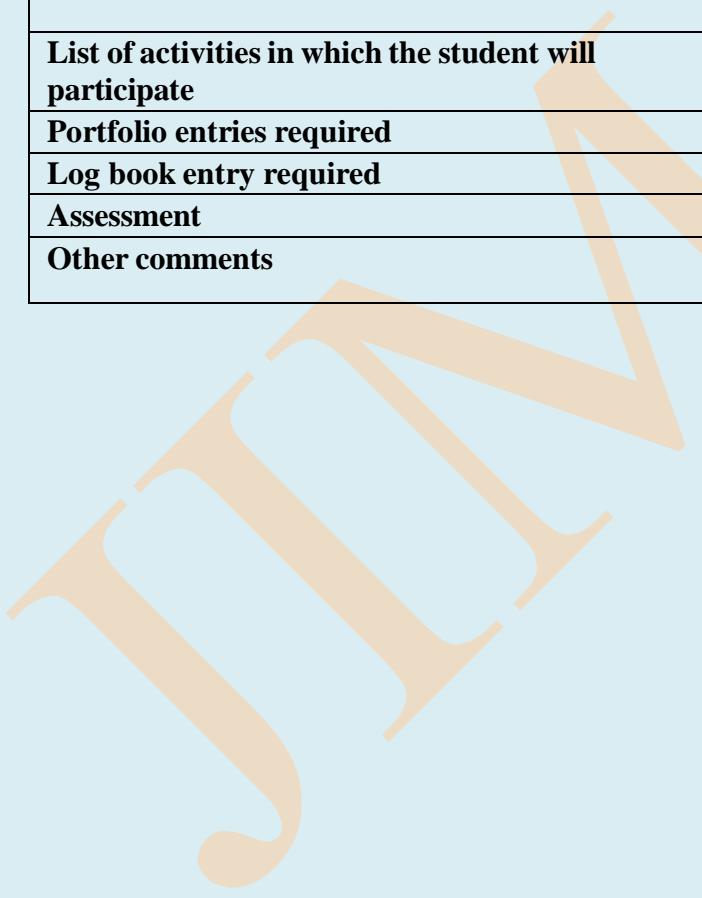
Name of Block	Block 2
Name of Elective	Different types of Sports Injuries around shoulder and knee
Location of hospital Lab or research facility	JIMSH
Name of internal preceptor(s)	Dr Amitava Sarkar / Dr Rupam Chowdhury
Name of external preceptor (if any)	
Learning objectives of elective	Different patterns 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 ,their injury pattern and management
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 Arnab Panda/Dr Shashank shrivastava
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	Patient 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	Approaches to 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'soperative orthopaedics, Rockwood&Green'sfractures& joint injuries.
List of activities in which the student will participate	Patient 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
Exposure to Gynae Oncology service	Obstetrics & Gynaecology	Dr P Jayasingh / Dr S Barua / Dr P Priyadarshini	5
High Risk Pregnancy (medical & surgical)	Obstetrics & Gynaecology	Dr.M Mishra/Dr S Ghosh/Dr M Sarkar	5-7
Infertility / role of MIS	Obstetrics & Gynaecology	Prof (Dr.) S K Saha / Dr S Bose /Dr P Chakraborty / Prof (Dr) D Tapadar	5-7



Elective 1: Exposure to Gynae Oncology service

Name of Block	Block2
Name of Elective	Exposure to Gynae Oncology service
Location of hospital Labor facility	Gynaec OPD, OT, Gynaec preoperation and post operation ward
Name of internal preceptor(s)	Dr Priyomohon Jayasingh /Dr Sarmistha Barua /Dr Priyanka Priyadarshini
Name of external preceptor (if any)	
Learning objectives of elective	<p>1) The student will be able to discuss screening methods for gynaec malignancies like cancer cervix</p> <p>2) Will be able to know the presentation, take relevant history and elicit signs of main gynaec malignancies – cervix ,endometrium and ovary</p> <p>3) Will be able to discuss the investigations used to arrive at diagnosis</p> <p>4) Will be able to communicate bad news to patient and family with empathy Will be able to understand Multidisciplinary team management for gynaec malignancies</p> <p>5) Will be able to discuss management of precancerous and cancerous lesions</p>
Number of students that can be Accommodated in this elective	5
Pre requisites for elective	<p>1) Should have an interest in Womens health in general and gynaecological cancers in particular</p> <p>2) should have a background understanding of the significance and epidemiology of the 3 main gynaecological cancers in India</p>
Learning resources for students	<p>Shaw's Textbook of Gynaecology Dutta's Textbook of Gynaecology</p>
List of activities of student participation	<p>1) take history from a patient with suspected/proven gynaec malignancy in Gynaec OPD/Ward-3</p> <p>2) should do speculum and bimanual pelvic examination under supervision in Gynaec OPD/Ward -1</p> <p>3) observe/assist-- pap smear/LBC screening for cervical premalignancy and malignancy in Gynaec OPD—1 should observe how diagnosis of malignancy and management options are communicated to the patient & family—1</p> <p>5) observe/assist -- VIA and cervical biopsy with or without colposcopy-1</p> <p>6) observe-Gynae onco MDT(Tumour Board)meeting with Oncologist and Pathologist-1</p> <p>7) observe/assist--staging Laparotomy for gynaec malignancy-1</p>
Portfolio entries required	Visit at least one other department involved in care of gynaec malignancies— Daycare Chemotherapy unit/Oncology OPD/Treatment planning Room/Pathology Lab/Radiodiagnosis opportunity to interact with Palliative Care team
Log book entry required	List of activities specified above to be signed off
Assessment	At the end of 2 weeks—15 minute Powerpoint presentation on a gynae onco topic of interest after discussion with supervisor
Other comments	<p>1) Introductory, midpoint and end of cycle meetings with the supervisor to check on progress</p> <p>Feedback Survey form to be filled and submitted</p>

Elective 2: High Risk Pregnancy (medical & surgical)

Name of Block	Block 2
Name of Elective	High Risk Pregnancy (medical & surgical)
Location of hospital Lab or research facility	Labour-room,2 nd stage,LROT,opd
Name of internal preceptor(s)	Dr.M mishra/Dr s ghosh/Dr m sarkar
Name of external preceptor (if applicable)	
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. Counseling 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
Prerequisites for elective	Good clinical practice Basic life support Basic suturing and first aid Necessary immunizations Universal precaution certification
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	Documentation of worked up cases
Log book entry required	Completion of posting signed by preceptor
Assessment	Formative: 1) Attendance 2) Day-to-day participation intradepartmental activity Performance of assigned tasks
Other comments	

Elective 3: Infertility / role of MIS

Name of the block	Block 2
Name of the elective	Infertility / role of MIS
Location/setting	OPD & IPD/OT
Internal preceptor	Prof (Dr.) S K Saha / Dr S Bose /Dr P Chakraborty / Prof (Dr) D Tapadar
External preceptor	
Learning objectives	<p>1. To obtain experience by observing Infertility / minimal access surgery</p> <p>2. To observe counseling of couple prior to procedure.</p> <p>To be able to enumerate indications of procedure, steps of work up & procedure in OPD & IPD/OT.</p>
Number of students	5-7
Prerequisites	<p>Good clinical practice</p> <p>Necessary immunizations</p> <p>Universal precaution certification</p>
Learning resources	<p>Speroff's Clinical Gynecologic Endocrinology & Infertility</p>
Teaching Methods	
List of activities	<p>1. Work daily with a supervisor in observing, assisting infertility/MIS.</p> <p>2. To document at least FIVE procedures observed/assisted.</p>
Portfolio entries	1. Documentation of worked up cases
Log book entries	Completion of posting signed by preceptor
Assessment	<p>Formative:</p> <p>1) Attendance</p> <p>2) Day-to-day participation in departmental activity performance of assigned tasks</p>
Feedback	

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. Soumya Kundu Dr. Tapes Kanti Saha	6
Screening of Diabetic Retinopathy among diabetics attending JIMSH OPD and IPD.	Ophthalmology	Dr. Madhura Mukherjee Dr. Soumya Kundu	6
Screening for Dry Eye Disease among HR department staffs and support staffs of JIMSH.	Ophthalmology	Dr. Prof. Mrinal Kanti Ghosh Dr. Soumyadeep Hazra	6
Ocular Emergencies.	Ophthalmology	Dr. Nazneen Nazm Dr. Purban Ganguli	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. Soumya Kundu Dr. Tapes Kanti Saha
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	6
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. Soumya Kundu
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	6
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 perceptors 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. Prof. Mrinal Kanti Ghosh Dr. Soumyadeep Hazra
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	6
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	<ul style="list-style-type: none">• Vision recording.• Documentation of associated risk factors responsible for dry eye disease.• Examination of ocular health to diagnose dry eye.• Performing investigative procedures required to diagnose dry eye and documentation of the findings.• 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. Nazneen Nazm Dr. Purban Ganguli
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	6
Prerequisites for the elective	<ul style="list-style-type: none"> -Basic immunisation. -Basic knowledge about ocular emergency conditions. -Permission of EMO -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 laryngology and neck surgeries	Otorhinolaryngology	(Prof)Dr. Dr. S.K Ghosh / Dr. Anirban sarkar	5/6
Clinical rhinology and endoscopic surgery	Otorhinolaryngology	(Prof)Dr. Debasish Barman/ Dr. Anshu Chopra	5/6
Clinical otology and micro ear surgeries	Otorhinolaryngology	(Prof)Dr. Subrata Mukhopadhyay /Dr. M. Banerjee / Dr. Swagato Roy	5/6

Elective 1: 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. Dr. S.K Ghosh / Dr. Anirban sarkar
Name of external preceptor (if any)	
Learning objectives of elective	<p>To learn , examine, and treat patients with throat and neck complaints under supervision of preceptor</p> <p>To learn and perform FOL under supervision of preceptor</p> <p>To learn handling of OPD instruments</p>
Number of students that can be accommodated in this elective	5/6
Prerequisites for elective	Basic knowledge of throat diseases
Learning Resources for students	
List of activities in which the student will participate	<p>Examine patients with throat and neck complaints</p> <p>Perform minor opd procedures</p> <p>Handling of flexible laryngoscope</p> <p>Assist in throat and head and neck surgeries</p>
Portfolio entries required	No
Log book entry required	Yes
Assessment	Viva/ Practical
Other comments	

Elective 2: 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. Debasish Barman/ Dr. Anshu Chopra
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	5/6
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	

Elective 3: 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. M. Banerjee / Dr. Swagato Roy
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 puretone audiometry under supervision of preceptor To learn handling of otomicroscope under supervision of preceptor
Number of students that can be accommodated in this elective	5/6
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	