



**Dr. KNS Memorial Institute of Medical
Sciences
Gadia Barabanki**



Dated: 16.4.2023

DEPARTMENT OF MEDICAL EDUCATION

ELECTIVE MODULES

(BLOCK 2)

For

MBBS STUDENTS OF 2020-21 BATCH

AS PER

COMPETENCY BASED CURRICULUM

INDEX

BLOCK 2

1.	Surgery	Peri-Op Management Of Surgical Patient
2.	Surgery	Trauma
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7.	Medicine	Obesity
8.	Paediatrics	Neonatology
9.	Paediatrics	Neonatal Intensive Care Unit (NICU)
10.	Respiratory Medicine	Research Project – Tuberculosis.
11.	OBG	Ante-Natal Care
12.	OBG	Labor
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14.	Orthopaedics	Polytrauma

BLOCK 2

FOCUS OF ELECTIVES

**CLINICAL SPECIALTIES OR COMMUNITY
CLINICS (RURAL OR URBAN)**

SURGERY

PERI-OPERATIVE MANAGEMENT OF SURGICAL PATIENT

Name of Block	Block 2
Name of Elective	Surgery - Peri-Op Management Of Surgical Patient
Location of hospital Lab or researchfacility	Medical College hospital
Name of internal preceptor(s)	Names will be mentioned after allotment
Name of external preceptor (if applicable)	N/A
Learning objectives of elective	<ol style="list-style-type: none"> 1. To Describe the principles of perioperative management of common surgical procedures 2. Choose appropriate biochemical, microbiological, pathological, imaging investigations and interpret the investigative data in a surgical patient 3. Communicate the results of surgical investigations and counsel the patient appropriately 4. Describe the steps and obtain informed consent 5. Enumerate Prophylactic and therapeutic antibiotics given to these patients 6. Keep records of the postoperative management including dressings of at least 10 surgical patients.
Number of students that can beaccommodated in this elective	10
Prerequisites for elective	Necessary immunizations, Universal precaution to be taken
Learning resources for students	Departmental handbook provided

List of activities of student participation	<ol style="list-style-type: none"> 1. Work daily with a supervisor in observing, assisting and performing Peri-Op Management Of Surgical Patient 2. Work daily with a supervisor to Communicate the results of surgical investigations and counsel the patient appropriately / obtain informed consent 3. Work daily with a supervisor to Enumerate Prophylactic and therapeutic antibiotics given to these patients 4. Participate in departmental education activities 5. Keep records of the postoperative management including dressings of at least 10 surgical patients & Present at least two records 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 with a “meets expectation ‘(M)’ grade”
Assessment	<p>Formative:</p> <ul style="list-style-type: none"> • Attendance; • day-to-day participation in departmental activity • performance of assigned tasks and • presentation of worked up case in department
Other comments	

TRAUMA

Name of Block	Block 2
Name of Elective	Surgery – Trauma
Location of hospital Lab or research facility	Medical College hospital
Name of internal preceptor(s)	Names will be mentioned after allotment
Name of external preceptor (if applicable)	N/A
Learning objectives of elective	<ol style="list-style-type: none">1. Describe the Principles of FIRST AID2. Demonstrate the steps in Basic Life Support.3. Describe Pathophysiology, mechanism of head injuries4. Describe clinical features for neurological assessment and GCS in head injuries5. Chose appropriate investigations and discuss the principles of management of head injuries6. Precautions in Transport of injured patient
Number of students that can be accommodated in this elective	10
Prerequisites for elective	Necessary immunizations, Universal precaution to be taken
Learning resources for students	Departmental handbook provided

List of activities of student participation	<ol style="list-style-type: none"> 1. Work daily with a supervisor in observing, assisting and performing FIRST AID & Demonstrate the steps in Basic Life Support. 2. Work daily with a supervisor to know mechanism of head injuries & to Describe clinical features for neurological assessment and GCS in head injuries 3. Work daily with a supervisor to know Precautions in Transport of injured patient 4. Participate in departmental education activities 5. Keep record of at least 10 patients and present at least two neurological assessment 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 with a “meets expectation ‘(M)’ grade”
Assessment	Formative: <ul style="list-style-type: none"> • attendance; • day-to-day participation in departmental activity • performance of assigned tasks and • presentation of worked up case in department
Other comments	

WOUND

Name of Block	Block 2
Name of Elective	Surgery - Wound
Location of hospital Lab or research facility	Medical College hospital
Name of internal preceptor(s)	Names will be mentioned after allotment
Name of external preceptor (if applicable)	N/A
Learning objectives of elective	<ol style="list-style-type: none"> 1. Identify & Differentiate the various types of wounds in Surgical practice 2. Describe & Observe normal wound healing and factors affecting healing. 3. Define and describe the aetiology and pathogenesis of various surgical Infections seen during the period 4. Plan and observe management of wounds. 5. Enumerate Prophylactic and therapeutic antibiotics given to these patients 6. Describe medico legal aspects of wounds
Number of students that can be accommodated in this elective	10
Prerequisites for elective	Necessary immunizations, Universal precaution to be taken
Learning resources for students	Departmental handbook provided

List of activities of student participation	<ol style="list-style-type: none"> 1. Work daily with a supervisor to Identify & Differentiate the various types of wounds in surgical practice / Describe & Observe normal wound healing and factors affecting healing. 2. Work daily with a supervisor to describe the aetiology and pathogenesis of various surgical Infections seen during the period / Plan and observe management of wounds. 3. Work daily with a supervisor to Enumerate Prophylactic and therapeutic antibiotics given to these patients / Describe medico legal aspects of wounds 4. Participate in departmentaleducation activities 5. Keep records of at least 10 patients & Present at least two records done by student as a case work up
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Portfolio entries required	<ol style="list-style-type: none"> 3. Documentation of worked up cases 4. Documentation of presentation done
Log book entry required	Completion of posting signed by preceptor with a “meets expectation ‘(M)’ grade”
Assessment	<p>Formative:</p> <ul style="list-style-type: none"> • attendance; • day-to-day participation in departmental activity • performance of assigned tasks and • presentation of worked up case in department
Other comments	

MEDICINE

ANAEMIA

Name of Block	Block 2
Name of Elective	Medicine – Anaemia
Location of hospital Lab or research facility	Medical College hospital
Name of internal preceptor(s)	Names will be mentioned after allotment
Name of external preceptor (if applicable)	N/A
Learning objectives of elective	<ol style="list-style-type: none"> 1. Define, describe and classify anemia based on red blood cell size and reticulocyte count 2. Elicit document and present a medical history that includes symptoms, risk factors including GI bleeding, prior history, medications, menstrual history, and family history 3. Describe the appropriate diagnostic work up based on the presumed aetiology / various tests for iron deficiency 4. Order and interpret tests for anemia including hemogram, red cell indices, reticulocyte count, iron studies, B12 and folate 5. Perform and interpret a peripheral smear and stool occult blood 6. Prescribe replacement therapy with iron, B12, folate 7. Describe the indications for blood transfusion and the appropriate use of blood components. Observe Blood transfusions
Number of students that can be accommodated in this elective	10
Prerequisites for elective	Necessary immunizations, Universal precaution to be taken
Learning resources for students	Departmental handbook provided

List of activities of student participation	<ol style="list-style-type: none"> 1. Work daily with a Define, describe and classify anemia based on red blood cell size and reticulocyte count / Elicit document and present a medical history 2. Work daily with a supervisor diagnostic work up based on the presumed aetiology / various tests for iron deficiency / Order and interpret tests for anemia 3. Work daily with a supervisor to Perform and interpret a peripheral smear and stool occult blood / Prescribe replacement therapy with iron, B12, folate / Describe the indications for blood transfusion and the appropriate use of blood components. Observe Blood transfusions 4. Participate in departmentaleducation activities 5. Keep records of at least 10 patients & Present at least two records done by student as a case work up
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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 with a “meets expectation ‘(M)’ grade”
Assessment	Formative: <ul style="list-style-type: none"> • attendance; • day-to-day participation in departmental activity • performance of assigned tasks and • presentation of worked up case in department
Other comments	

DIABETES MELLITUS

Name of Block	Block 2
Name of Elective	Medicine – Diabetes mellitus
Location of hospital Lab or research facility	Medical College hospital
Name of internal preceptor(s)	Names will be mentioned after allotment
Name of external preceptor (if applicable)	N/A
Learning objectives of elective	<ol style="list-style-type: none"> 1. Define and classify diabetes / Describe and discuss the epidemiology and pathogenesis and risk factors and clinical evolution of type 1& 2 diabetes 2. Describe and discuss the genetic background and the influence of the environment on diabetes 3. Describe and discuss the pathogenesis and temporal evolution of micro vascular and macro vascular complications of diabetes 4. Describe and recognize the clinical features of patients who present with a diabetic emergency 5. Perform and interpret a capillary blood glucose test / a urinary ketone estimation with a dipstick 6. Recognize the presentation of hypoglycemia and outline the principles on its therapy including monitoring.
Number of students that can be accommodated in this elective	10
Prerequisites for elective	Necessary immunizations, Universal precaution to be taken
Learning resources for students	Departmental handbook provided

List of activities of student participation	<ol style="list-style-type: none"> 1. Work daily with a supervisor to Define and classify diabetes / Describe and discuss the epidemiology and pathogenesis and risk factors and clinical evolution of type 1& 2 diabetes 2. Work daily with a supervisor to Describe and discuss the pathogenesis and temporal evolution of microvascular and macrovascular complications of diabetes / Describe and recognize the clinical features of patients who present with a diabetic emergency 3. Work daily with a supervisor to Perform and interpret a capillary blood glucose test / urinary ketone estimation with a dipstick / Recognize the presentation of hypoglycemia and outline the principles on its therapy including monitoring. 4. Participate in departmentaleducation activities 5. Keep records at least 10 patients & Present at least two records as a case work up
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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 with a “meets expectation ‘(M)’ grade”
Assessment	<p>Formative:</p> <ul style="list-style-type: none"> • attendance; • day-to-day participation in departmental activity • performance of assigned tasks and • presentation of worked up case in department
Other comments	

OBESITY

Name of Block	Block 2
Name of Elective	Medicine – Obesity
Location of hospital Lab or research facility	Medical College hospital
Name of internal preceptor(s)	Names will be mentioned after allotment
Name of external preceptor (if applicable)	N/A
Learning objectives of elective	<ol style="list-style-type: none"> 1. Describe and discuss the aetiology of obesity including modifiable and non-modifiable risk factors and secondary causes / monogenic forms of obesity 2. Describe and discuss the natural history of obesity and its complications / the impact of environmental factors including eating habits, food, work, environment and physical activity on the incidence of obesity 3. Elicit and document and present an appropriate history that includes the natural history, dietary history, modifiable risk factors, family history, clues for secondary causes and motivation to lose weight 4. Perform, document and demonstrate a physical examination based on the history that includes general examination, measurement of abdominal obesity, signs of secondary causes and comorbidities 5. Describe the indications and interpret the results of tests for secondary causes of obesity 6. Communicate and counsel patient on behavioral, dietary and lifestyle modifications
Number of students that can be accommodated in this elective	10
Prerequisites for elective	Necessary immunizations, Universal precaution to be taken
Learning resources for students	Departmental handbook provided

List of activities of student participation	<ol style="list-style-type: none"> 1. Work daily with a supervisor to Describe and discuss the aetiology of obesity including modifiable and non-modifiable risk factors and secondary causes / monogenic forms of obesity / Describe and discuss the natural history of obesity and its complications 2. Work daily with a supervisor to Elicit and document and present an appropriate history that includes the natural history, dietary history, modifiable risk factors, family history, clues for secondary causes and motivation to lose weight / Perform, document and demonstrate a physical examination based on the history that includes general examination, measurement of abdominal obesity, signs of secondary causes and comorbidities 3. Work daily with a supervisor to Describe the indications and interpret the results of tests for secondary causes of obesity / Communicate and counsel patient on behavioral, dietary and lifestyle modifications 4. Participate in departmentaleducation activities 5. Keep records of at least 10 patients & Present at least two records done by student as a case work up
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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 with a “meets expectation ‘(M)’ grade”
Assessment	<p>Formative:</p> <ul style="list-style-type: none"> • attendance; • day-to-day participation in departmental activity • performance of assigned tasks and • presentation of worked up case in department
Other comments	

PAEDIATRICS

NEONATOLOGY

Name of Block	Block 2
Name of Elective	Neonatology
Location of hospital Lab or research facility	Medical College hospital
Name of internal preceptor(s)	Names will be mentioned after allotment
Name of external preceptor (if applicable)	N/A
Learning objectives of elective	<ol style="list-style-type: none"> 1. Define the common neonatal nomenclatures / describe the characteristics of a Normal Term Neonate and High Risk Neonates 2. Perform Neonatal resuscitation in a team with pediatricians 3. Assessment of a normal neonate / Explain the care of a normal neonate 4. Counsel / educate mothers on the care of neonates. 5. Discuss the etiology, clinical features and management of Neonatal Hyperbilirubinemia 6. Discuss the Newborn Vaccination plans
Number of students that can be accommodated in this elective	10
Prerequisites for elective	Necessary immunizations, Universal precaution to be taken
Learning resources for students	Departmental handbook provided

List of activities of student participation	<ol style="list-style-type: none"> 1. Work daily with a supervisor to Define the common neonatal nomenclatures / describe the characteristics of a Normal Term Neonate and High Risk Neonates 2. Work daily with a supervisor to Perform Neonatal resuscitation in a team with pediatricians / Assessment of a normal neonate / Explain the care of a normal neonate 3. Work daily with a supervisor to Counsel / educate mothers on the care of neonates / Explain the follow up care for neonates including Breast Feeding, Temperature maintenance, immunization, importance of growth monitoring and red flags 4. Work daily with a supervisor to Discuss the etiology, clinical features and management of Neonatal Hyperbilirubinemia 5. Discuss the Newborn Vaccination plans 6. Participate in departmentaleducation activities 7. Keep records of at least 10 patients & Present at least two records done by student as a case work up
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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 with a “meets expectation ‘(M)’ grade”
Assessment	Formative: <ul style="list-style-type: none"> • attendance; • day-to-day participation in departmental activity • performance of assigned tasks and • presentation of worked up case in department
Other comments	

NICU

Name of Block	Block 2
Name of Elective	NICU
Location of hospital Lab or research facility	Medical College hospital
Name of internal preceptor(s)	Names will be mentioned after allotment
Name of external preceptor (if applicable)	N/A
Learning objectives of elective	<ol style="list-style-type: none">1. List the common causes of morbidity and mortality in the under five children2. Describe the etio-pathogenesis of respiratory distress in children3. Assess airway and breathing: recognize signs of severe respiratory distress. Check for cyanosis, severe chest in drawing, grunting4. Discuss oxygen therapy, in Pediatric emergencies and / Observe the various methods of administering Oxygen5. Describe the clinical approach and management of respiratory distress in children6. List the sequential approach of assessment of emergency and priority signs
Number of students that can be accommodated in this elective	10
Prerequisites for elective	Necessary immunizations, Universal precaution to be taken
Learning resources for students	Departmental handbook provided

List of activities of student participation	<ol style="list-style-type: none"> 1. Work daily with a supervisor to List the common causes of morbidity and mortality in the under five children / Describe the etio-pathogenesis of respiratory distress in children 2. Work daily with a supervisor to Assess airway and breathing: recognize signs of severe respiratory distress. Check for cyanosis, severe chest in drawing, grunting / Discuss oxygen therapy, in Pediatric emergencies and / Observe the various methods of administering Oxygen 3. Work daily with a supervisor to Describe the clinical approach and management of respiratory distress in children / List the sequential approach of assessment of emergency and priority signs Discuss the Newborn Vaccination plans 4. Participate in departmentaleducation activities 5. Keep records of at least 10 patients & Present at least two records done by student as a case work up
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Portfolio entries required	<ol style="list-style-type: none"> 3. Documentation of worked up cases 4. Documentation of presentationdone
Log book entry required	Completion of posting signed by preceptor with a “meets expectation ‘(M)’ grade”
Assessment	<p>Formative:</p> <ul style="list-style-type: none"> • attendance; • day-to-day participation in departmental activity • performance of assigned tasks and • presentation of worked up case in department
Other comments	

RESPIRATORY MEDICINE

TUBERCULOSIS

Name of Block	Block 2
Name of Elective	Respiratory Medicine.
Location of hospital Lab or research facility	Medical College hospital
Name of internal preceptor(s)	Names will be mentioned after allotment
Name of external preceptor (if applicable)	N/A
Learning objectives of elective	<ol style="list-style-type: none"> 1. Describe and discuss the microbiology of tubercle bacillus, mode of transmission, pathogenesis, clinical evolution and natural history of pulmonary and extra pulmonary forms (including lymph node, bone and CNS) 2. Describe the epidemiology, the predisposing factors and microbial and therapeutic factors that determine resistance to drugs 3. Demonstrate and perform a systematic examination that establishes the diagnosis based on the clinical examination. 4. Perform and interpret a PPD (Mantoux) / AFB stain and describe and discuss the indications and pitfalls of the test 5. Order and interpret diagnostic tests based on the clinical presentation including: CBC, Chest X ray PA view, Mantoux, sputum culture and sensitivity, pleural fluid examination and culture. 6. Prescribe an appropriate antituberculosis regimen based on the location of disease, smear positivity and negativity and co- morbidities based on current national guidelines including directly observed tuberculosis therapy (DOTS) 7. Educate health care workers on National Program of Tuberculosis and administering and monitoring the DOTS program
Number of students that can be accommodated in this elective	10
Prerequisites for elective	Necessary immunizations, Universal precaution to be taken
Learning resources for students	Departmental handbook provided

List of activities of student participation	<ol style="list-style-type: none"> 1. Work daily with a supervisor to Describe and discuss the microbiology of tubercle bacillus, mode of transmission, pathogenesis, clinical evolution and natural history of pulmonary and extra pulmonary forms (including lymph node, bone and CNS) / predisposing factors and microbial and therapeutic factors that determine resistance to drugs 2. Work daily with a supervisor to Demonstrate and perform a systematic examination that establishes the diagnosis based on the clinical presentation that includes a a) general examination, b) examination of the chest and lung including loss of volume, mediastinal shift, percussion and auscultation (including DOAP session of lung sounds and added sounds) c) examination of the lymphatic system and d) relevant CNS examination 3. Work daily with a supervisor to Order and interpret diagnostic tests based on the clinical presentation including: CBC, Chest X ray PA view, Mantoux, sputum culture and sensitivity, pleural fluid examination and culture. / Perform and interpret a PPD (Mantoux) / AFB stain and describe and discuss the indications and pitfalls of the test 4. Work daily with a supervisor to prescribe an appropriate antituberculosis regimen based on the location of disease. 5. Participate in departmentaleducation activities related to DOTS program 6. Keep records of at least 10 patients & Present at least two records done by student as a case work up
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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 with a “meets expectation ‘(M)’ grade”
Assessment	<p>Formative:</p> <ul style="list-style-type: none"> • attendance; • day-to-day participation in departmental activity • performance of assigned tasks and • presentation of worked up case in department
Other comments	

OBSTETRICS & GYNAECOLOGY

ANTENATAL CARE

Name of Block	Block 2
Name of Elective	OBG
Location of hospital Lab or research facility	Medical College hospital
Name of internal preceptor(s)	Names will be mentioned after allotment
Name of external preceptor (if applicable)	N/A
Learning objectives of elective	<ol style="list-style-type: none"> 1. Describe, discuss and demonstrate the clinical features of pregnancy, discuss its differential diagnosis, and interpret pregnancy tests. 2. Enumerate, describe and discuss the objectives of antenatal care, assessment of period of gestation; screening for high-risk factors. 3. Elicit document and present an obstetric history including menstrual history, last menstrual period, previous obstetric history, comorbid conditions, past medical history and surgical history 4. Describe, demonstrate, document and perform an obstetrical examination and clinical monitoring of maternal and fetal well-being; 5. Enumerate the indications and describe the investigations including the use of ultrasound in the initial assessment and monitoring in pregnancy 6. Enumerate the indications & types of Vaccinations in pregnancy 7. Record keeping in ANC cases.
Number of students that can be accommodated in this elective	10
Prerequisites for elective	Necessary immunizations, Universal precaution to be taken

Learning resources for students	Departmental handbook provided
List of activities of student participation	<ol style="list-style-type: none"> 1. Work daily with a supervisor to know clinical features of pregnancy / describe and discuss the objectives of antenatal care, assessment of period of gestation; screening for high-risk factors. 2. Work daily with a supervisor to document and present an obstetric history / demonstrate, document and perform an obstetrical examination and clinical monitoring of maternal and fetal well-being; 3. Work daily with a supervisor to describe the investigations for assessment and monitoring in pregnancy / Enumerate the indications & types of Vaccinations in pregnancy 4. Participate in departmental education activities 5. Keep records of at least 10 patients & Present at least two records 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 with a “meets expectation ‘(M)’ grade”
Assessment	<p>Formative:</p> <ul style="list-style-type: none"> • attendance; • day-to-day participation in departmental activity • performance of assigned tasks and • presentation of worked up case in department
Other comments	

LABOR & ITS MANAGEMENT

Name of Block	Block 2
Name of Elective	OBG
Location of hospital Lab or research facility	Medical College hospital
Name of internal preceptor(s)	Names will be mentioned after allotment
Name of external preceptor (if applicable)	N/A
Learning objectives of elective	<ol style="list-style-type: none"> 1. Enumerate and discuss the physiology of normal labor, mechanism of labor in Occipito-anterior presentation 2. Monitoring of labor including partogram; pain relief; principles of induction and acceleration of labor; 3. Management conduct of third stage of labor. 4. Define, describe the causes, pathophysiology, diagnosis, investigations and management of preterm labor, PROM and postdated pregnancy 5. Observe/ assist in the performance of an artificial rupture of membranes / Observe and assist the conduct of a normal vaginal delivery 6. Demonstrate the stages of normal labor in a simulated environment / mannequin 7. Record keeping in Delivery cases.
Number of students that can be accommodated in this elective	10
Prerequisites for elective	Necessary immunizations, Universal precaution to be taken
Learning resources for students	Departmental handbook provided

List of activities of student participation	<ol style="list-style-type: none"> 1. Work daily with a supervisor to Enumerate and discuss the physiology / mechanism of labor in Occipito-anterior presentation / Monitoring of labor including partogram; pain relief; principles of induction and acceleration of labor. 2. Work daily with a supervisor to manage conduct of third stage of labor / Observe/ assist in the performance of an artificial rupture of membranes / Observe and assist the conduct of a normal vaginal delivery 3. Work daily with a supervisor to demonstrate the stages of normal labor in a simulated environment / mannequin / Record keeping in Delivery cases. 4. Participate in departmentaleducation activities 5. Keep records of at least 10 patients & Present at least two records done by student as a case work up
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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 with a “meets expectation ‘(M)’ grade”
Assessment	Formative: <ul style="list-style-type: none"> • attendance; • day-to-day participation in departmental activity • performance of assigned tasks and • presentation of worked up case in department
Other comments	

ORTHOPAEDICS

FRACTURES

Name of Block	Block 2
Name of Elective	FRACTURES
Location of hospital Lab or research facility	Medical College hospital
Name of internal preceptor(s)	Names will be mentioned after allotment
Name of external preceptor (if applicable)	N/A
Learning objectives of elective	<ol style="list-style-type: none"> 1. Describe and discuss the mechanism of Injury, clinical features, investigations and plan management of common fractures encountered during posting. 2. Select, prescribe and communicate appropriate medications for relief of joint pain 3. Plan and interpret the investigations to diagnose complications of fractures like malunion, non-union, infection, compartmental syndrome 4. Describe and discuss the mechanism of injury, clinical features, investigations and principles of management of open fractures with focus on secondary infection prevention and management 5. Counsel a patient of Fractures
Number of students that can be accommodated in this elective	10
Prerequisites for elective	Necessary immunizations, Universal precaution to be taken
Learning resources for students	Departmental handbook provided

List of activities of student participation	<ol style="list-style-type: none"> 1. Work daily with a supervisor to discuss the mechanism of Injury, clinical features, investigations and plan management of common fractures & prescribe and communicate appropriate medications for relief of joint pain 2. Work daily with a supervisor to plan and interpret the investigations to diagnose complications of fractures like malunion, non-union, infection, compartmental syndrome 3. Work daily with a supervisor to Describe and discuss the mechanism of injury, clinical features, investigations and principles of management of open fractures with focus on secondary infection prevention and management / Counsel a patient of Fractures 4. Participate in departmentaleducation activities 5. Keep records of at least 10 patients & Present at least two records done by student as a case work up
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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 with a “meets expectation ‘(M)’ grade”
Assessment	Formative: <ul style="list-style-type: none"> • attendance; • day-to-day participation in departmental activity • performance of assigned tasks and • presentation of worked up case in department
Other comments	

POLYTRAUMA

Name of Block	Block 2
Name of Elective	POLYTRAUMA
Location of hospital Lab or research facility	Medical College hospital
Name of internal preceptor(s)	Names will be mentioned after allotment
Name of external preceptor (if applicable)	N/A
Learning objectives of elective	<ol style="list-style-type: none"> 1. Describe and discuss the Principles of pre-hospital care and Causality management of a trauma victim including principles of triage 2. Describe and discuss the aetiopathogenesis, clinical features, investigations, and principles of management of shock 3. Describe and discuss the aetiopathogenesis, clinical features, investigations, and principles of management of soft tissue injuries 4. Describe and discuss the aetiopathogenesis, clinical features, investigations, and principles of management of dislocation of major joints, shoulder, knee, hip 5. Counsel a patient of Polytrauma 6. Participate as a member in the team for closed reduction of various joint dislocations
Number of students that can be accommodated in this elective	10
Prerequisites for elective	Necessary immunizations, Universal precaution to be taken
Learning resources for students	Departmental handbook provided
List of activities of student participation	<ol style="list-style-type: none"> 1. Work daily with a supervisor Describe and discuss the Principles of pre-hospital care and Causality management of a trauma victim including principles of triage / clinical features, investigations, and principles of management of shock 2. Work daily with a supervisor to Describe and discuss the

	<p>aetiopathogenesis, clinical features, investigations, and principles of management of soft tissue injuries</p> <ol style="list-style-type: none"> 3. Work daily with a supervisor to Describe and discuss the aetiopathogenesis, clinical features, investigations, and principles of management of dislocation of major joints, shoulder, knee, hip 4. Participate in departmental education activities 5. Keep records of at least 10 patients & Present at least two records 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 with a “meets expectation ‘(M)’ grade”
Assessment	<p>Formative:</p> <ul style="list-style-type: none"> • attendance; • day-to-day participation in departmental activity • performance of assigned tasks and • presentation of worked up case in department
Other comments	

No MIMS/EX/2022/19

Dated: 17.02.2022

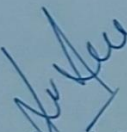


DEPARTMENT OF MEDICAL EDUCATION

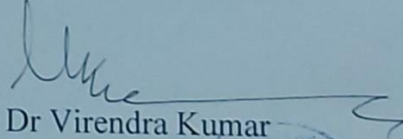
ELECTIVE MODULES (BLOCK -2)

For

MBBS STUDENTS OF 2019-20 BATCH AS PER
COMPETENCY BASED CURRICULUM


Dr. Sumit Sharma
Coordinator MEU
MIMS, BBK.




Dr Virendra Kumar
Dean,
MIMS, BBK.

