

ELECTIVES IN MEDICINE 2023 MBBS BATCH

Serial No	Name of elective	Name of preceptor	Number of students
1.	Endocrinology	Dr Sreejith P.N	2
2.	Gastroenterology	Dr K. Srijith	2
3.	Infectious diseases	Dr Rajesh K.R	2
4.	Intensive care (ICU)	Dr Jayachandran N.	2
5.	Rheumatology & Immunology	Dr Jijith Krishnan, Dr Vishnu Vinay	2

Name of Block	Block II
Name of Elective GMED1	Endocrinology
Location of hospital lab/research facility	Govt. Medical College Hospital thrissur OP and wards
Name of internal preceptor(s)	Dr. Sreejith P.N
Name of external preceptor(s) if applicable	nil
Learning objectives of electives	<p>1.To diagnose, investigate and manage a patient with hyperthyroidism</p> <p>2.To diagnose, investigate and manage a patient with hypothyroidism</p> <p>3. To diagnose, investigate and manage a patient with diabetes mellitus</p>
Number of students that can be accommodated in this elective	2
Prerequisites for elective	NIL
Learning resources for students	Davidsons Textbook of Internal Medicine

List of activities of student participation	<ol style="list-style-type: none"> 1) Clinical case history and physical examination 2) Interpretation of thyroid function tests 3) Clinical case discussion, OP case discussion 4) Communication with the patient and relatives about the need for proper follow up and strict compliance 5) Instructions on medication 6) To educate the patients about the complications
Portfolio entries required	Noting down 5 abnormal thyroid function tests with serial values in admitted patients and note down serial fasting and post prandial blood sugar values with HbA1c in 5 patients
Log book entry required	Satisfactory completion of posting by the preceptor
Assessment	Attendance, Successful verification of required portfolio entries, Successful completion of the posting as certified in the logbook

GMED2

Name of Block	Block 2
Name of Elective	Gastroenterology

Location of hospital	Medical College Hospital
Name of Internal Preceptor	Dr. K Srijith
Name of external Preceptor	nil
Learning Objectives of Elective	<ol style="list-style-type: none"> 1. To function as a part of Gastroenterology Team 2. To learn how to approach, investigate and manage patients with upper gastro intestinal bleeding. 3. To understand the clinical features and management of portal hypertension 4. To learn basics of management of patients with hepatic encephalopathy.
Number of students that can be accommodated	2
Prerequisites for the elective	Must have taken routine immunizations and should be aware of universal precautions
List of activities of Student Participation	<ol style="list-style-type: none"> 1. Participate in Ward rounds and OP 2. Hemodynamic monitoring of patients 3. Recording in case sheets 4. Observing procedures done in Gastroenterology 5. Interpreting various investigations 6. Participate in counselling sessions
Learning Resources	<p>Harrisons textbook of Internal medicine</p> <p>Sleisenger and Fordtrans Gastrointestinal and Liver Disease</p>
Portfolio entries required	Case record of atleast 3 patients
Log book entry required	Satisfactory completion of posting by the preceptor
Assessment	Attendance, Successful verification of required portfolio entries, Successful completion of the posting as certified in the logbook

Name of Block	Block 2
Name of Elective GMED3	Infectious diseases
Location of hospital	Medical College Hospital – OP and wards and Chest hospital ART clinic
Name of Internal Preceptor	Dr. Rajesh.K.R.
Name of external Preceptor	nil
Learning Objectives of Elective	<ol style="list-style-type: none"> 1. To understand about the symptomatology of common viral infections with which patients present to the Medicine outpatient department 2. To learn to carry out a proper targeted examination of these patients in OP and wards 3. To make a note of the key investigations that are ordered in these patients 4. To observe the treatment offered to inpatients with viral infections 5. To learn about various antivirals used in clinical practice 6. To learn HIV prevention strategies, standard workplace precautions, pre and post exposure prophylaxis and antiretroviral therapy
Number of students that can be accommodated	2
Prerequisites	Awareness about universal precautions and must have completed the required immunizations

List of activities of Student Participation	<ol style="list-style-type: none"> 1. Participate in OP sessions 2. Clinical assessment of patients admitted with viral infections. 3. To get an idea regarding common adverse effects of current ART drugs . 4. Participate in ART counselling. 5. Participate in giving psycho social support and care of nutrition in retroviral patients
Learning Resources	<p>Davidsons textbook of internal Medicine</p> <p>Mandells Principles and Practice of Infectious diseases</p> <p>Harrisons textbook of Internal medicine</p> <p>API text book of Medicine</p> <p>National guidelines on HIV care and treatment - NACO</p>
Portfolio entries required	Case record of atleast 5 patients.
Log book entry required	Satisfactory completion of posting by the preceptor
Assessment	Attendance, Successful verification of required portfolio entries; successful completion of the posting as certified in the logbook.

GMED4

Name of Block	Block 2
Name of Elective	Intensive Care of critically ill patients
Location of hospital	Medical ICUs, Medical College Hospital
Name of Internal Preceptor	Dr. Jayachandran N.

Name of external Preceptor	nil
Learning Objectives of Elective	<ol style="list-style-type: none"> 1. To understand the functioning of an ICU 2. To understand the basics of how to approach, investigate and manage critically ill patients. 3. To learn basics of cardiopulmonary resuscitation and primary management of patients on mechanical ventilation 4. To learn basics of management of patients with Sepsis and Shock 5. To be able to interpret abnormal Hemogram and learn the fundamentals of investigations like ABG and ECG 6. To learn the basics of management of patients with various electrolyte and metabolic abnormalities 7. To learn basics of management of Acute Coronary Syndrome and Cardiac arrhythmias 8. To critically observe the procedure of 'breaking the bad news' to the bystanders of critically ill patients
Number of students that can be accommodated	2
Prerequisites for the elective	Must have taken routine immunizations and should be aware of universal precautions
List of activities of Student Participation	<ol style="list-style-type: none"> 1. Participate in ICU Rounds 2. Hemodynamic monitoring of patients 3. Recording case sheets 4. Observing and assisting in procedures done in ICU 5. Interpreting various investigations 6. Participate in counselling sessions

Learning Resources	The ICU Book by Paul Marino Davidsons Textbook of Internal Medicine
Portfolio entries required	Writing detailed case record with daily progress note of atleast 3 patients in ICU
Log book entry required	Satisfactory completion of posting by the preceptor
Assessment	Attendance, Successful verification of required portfolio entries, Successful completion of the posting as certified in the logbook

GMED5

Name of Block	Block 2
Name of Elective	Clinical Immunology and Rheumatology
Location of hospital	Medical College Hospital
Name of Internal Preceptor KR	Dr. Jijith Krishnan, Dr Vishnu Vinay
Name of external Preceptor	nil
Learning Objectives of Elective	<ol style="list-style-type: none"> 1. To identify and characterize by history and examination the symptoms and signs of arthropathy and construct an appropriate differential diagnosis and plan to investigate patients 2. To differentiate between non inflammatory and inflammatory arthritis by history , examination and basic investigations 3. To Identify and differentiate various Autoimmune Connective tissue disorders and vasculitis and understand basics of care given to these patients 4. To understand when and how to order laboratory tests and how to Interpret results of various tests used in the work up of rheumatology patients

	<ol style="list-style-type: none"> 5. To learn basics of evaluation and treatment given to patients with degenerative and crystal arthropathies 6. To outline the major indications, dosage, side effects and precautions of disease modifying drugs commonly used in the management of rheumatology patients 7. To communicate effectively the expected prognosis / outcome of common rheumatic diseases and to understand the importance of multi disciplinary team work in the management of these patients
Number of students that can be accommodated	2
Prerequisites	None
List of activities of Student Participation	<ol style="list-style-type: none"> 1. Participate in Ward rounds and OP 2. Record at least 5 case sheets 3. Participate in counseling sessions 4. Able to write a DMARD prescription 5. Interpret basic Investigations like Rheumatoid factor,ESR, CRP,ANA,ANCA HLA B21 etc
Learning Resources	<p>Kelly's textbook of Rheumatology</p> <p>Harrisons textbook of Internal medicine</p> <p>IRA Manual of Rheumatology</p>
Portfolio entries required	Case record of at least 5 patients with arthritis
Log book entry required	Satisfactory completion of posting by the preceptor
Assessment	Attendance, Successful verification of required portfolio entries; successful completion of the posting as certified in the logbook.

