



**GOVERNMENT MEDICAL COLLEGE
THRISSUR**

COMPETENCY-BASED MEDICAL EDUCATION (CBME)

MBBS PHASE III

ELECTIVES BLOCK 2

DEPARTMENT OF CARDIOLOGY

2024-25

Sl. No	Content	Details
1	Name of block	Block 2
2	Name of elective	Cardiology – Elective (ECE)
3	Location of hospital lab or research facility	Cardiac ICU, Cardiology Ward , Cardiology OPD, Department of Cardiology, GMCH Thrissur
4	Name of the internal preceptor(s)	Dr.Karunadas C.P, Dr.Mukundan. C, Dr. Bijilesh U, Dr Antony Pathadan, Dr Haripriya Jayakumar
5	Name of the external preceptor (if applicable)	Not applicable
6	Learning objectives of elective	<ol style="list-style-type: none"> 1. To elicit history and assess the symptoms and signs in acute coronary syndrome 2. To learn basics of ECG; identify acute MI and arrhythmia 3. To learn coagulation pathway, drugs acting on it and application in acute coronary syndromes 4. To learn the management strategies in acute coronary syndrome 5. To identify cardiac emergencies – acute LVF, cardiac arrest, VT, CHB, pericardial tamponade 6. To learn communication skills in conveying diagnosis, prognosis, treatment options in cardiac emergencies and when to refer a patient in primary care setup 7. To function as a team member in resuscitation of a patient.
7	Number of students that can be accommodated in this elective	2
8	Prerequisites for elective	Basics of cardiac physiology and anatomy
9	Learning resources for students	<ol style="list-style-type: none"> 1. Davidson’s principles and practice of Medicine, 24th edition 2. Harriosn’s Principles of Internal Medicine 21st edition 3. Hutchison’s Clinical Methods- 25th ediiton
10	List of activities of student participation	<ol style="list-style-type: none"> 1. Attend cardiology OPD- identify cardiac from non cardiac pain 2. Take case history and examine along with SR/MO in OPD and in ward 3. Follow up 10 patients with acute MI – salient history, risk factors, examination, ECG interpretation, treatment strategy, and advise regarding lifestyle and risk factor modification 4. Monitor and critically evaluate a hemodynamically unstable patient 5. Observe the functioning of non invasive lab- echocardiogram, exercise stress testing 6. Observe a cath lab procedure and functioning of CCU 7. Medical communication with a senior colleague/ relative 8. Prepare a PowerPoint presentation on one topic

11	Portfolio entries required	<ol style="list-style-type: none"> 1. Case report of patients seen 2. Strategies of management of Acute coronary syndrome 3. ECG/Echocardiogram/ Coronary angiogram correlation of atleast one patient 4. Documentation of topic presented
12	Logbook entry required	<ol style="list-style-type: none"> 1. Case report of 10 patients with acute MI 2. One topic presentation 3. ECG interpretation of 10 patients 4. CCU and Cathlab visit 5. Daily discussion
13	Assessment	<ol style="list-style-type: none"> 1. Attendance 2. Daily participation in clinical duties 3. Topic presentation 4. ECG discussion 5. Ability to analyse history and interpret findings in acute situation.
14	Other comments	

