



**GOVERNMENT MEDICAL COLLEGE
THRISSUR**

COMPETENCY-BASED MEDICAL EDUCATION (CBME)

MBBS PHASE III

ELECTIVES BLOCK 2

DEPARTMENT OF CARDIOLOGY

2026-27

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. Praveen,S, Dr .Krishnakumar.A
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, analyze cardiac symptoms and clinical signs 2. To learn basics of ECG; identify acute MI and common arrhythmia 3. To learn the management strategies in acute coronary syndrome 4. To identify cardiac emergencies – acute LVF, cardiac arrest, VT, CHB, pericardial tamponade-evaluation and management 5. To learn communication skills in conveying diagnosis, prognosis, treatment options in cardiac emergencies and when to refer a patient in primary care setup 6. 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 , anatomy, clinical examination and case taking format
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 edition
10	List of activities of student participation	<ol style="list-style-type: none"> 1. Take case history and examine assigned cases along with SR/MO in OPD and in ward 2. Attend emergency call along with duty SR/MO for observing initial management and stabilizing of patient 3. Case taking of 10 cardiac patients in ward/OPD salient history, examination, ECG interpretation, treatment strategy, and patient education 4. Monitor and critically evaluate a hemodynamically unstable patient in cardiac ICU 5. Observe the functioning of noninvasive lab- echocardiogram, exercise stress testing and cath lab procedure 6. Medical communication with a senior colleague/ relative 7. Prepare PowerPoint presentation on two topics

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 analyze history and interpret findings
14	Other comments	

