

CASE STUDY PROFORMA

Study Title: Novel Echocardiographic Calcification Score as a Predictor of 30-Day Major Adverse Cardiovascular Events in Acute STEMI Patients: A Prospective Observational Study

A. IDENTIFICATION DETAILS

Hospital Number: _____

Date of Admission: ____/____/____

Date of Informed Consent: ____/____/____

Patient Name (Initials): _____

Age (years): ____

Sex: _____

Mobile Number (for follow-up): _____

Date of STEMI Onset: _____

Weight: ____ kg Height: ____ cm

BMI: ____ kg/m²

B. BASELINE CLINICAL CHARACTERISTICS

Variable	Observation
Type of STEMI	
Infarct Related Vessel (LAD/LCX/RCA/Others)	
Total number of vessels infarcted	
Time from symptom onset to admission (hours)	
Heart Rate (on admission)	
Systolic Blood Pressure	
Killip Class (I to IV)	
Serum Creatinine (mg/dL)	
Cardiac Enzymes (Troponin I/T)-Admission values	
ST Segment Deviation (\geq 1 mm)	
Management strategy (PCI/Thrombolysis/Medical/CABG/Others)	

Was Complete revascularization achieved? (Yes/No)	
LVEF (from Echo using Simpson's method)	
Calculated GRACE Score (with date of calculation)	

C. CARDIOVASCULAR RISK FACTORS

Risk Factor	Yes / No / Details
Hypertension	
Diabetes Mellitus	
Smoking History (Current or Former)	
Dyslipidemia	
Family history of CAD	
Prior MI	
Prior PCI/CABG	
Obesity (BMI >25)	
Chronic Kidney Disease (eGFR <60 ml/min/1.73m ² for >3 months)	

D. HIRSCHBERG ECHOCARDIOGRAPHIC CALCIUM SCORE

Cardiac Structure	Calcium Present? (Yes = 1, No = 0)
Aortic Valve	
Aortic Root	
Mitral Annulus	
Papillary Muscles	
Interventricular Septum	

Total Echo-CCS (0–5): _____

E. 30-DAY FOLLOW-UP (TELEPHONIC)

Date of Follow-up Call:

Event During 30 Days Post-Discharge	Response / Date of Event
Alive at 30 days	
Death (All-cause)	
Readmission for Heart Failure	
Non-fatal Myocardial Infarction	
Target Vessel Revascularization	
Final MACE status (Yes/No)	