CHAPTER II

OBJECTIVE OF THE STUDY
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This study was aimed to evaluate the role of various risk factors in myocardial infarction in patients of north Kerala.

The objectives are:

1. To compare the lipid fractions (Total cholesterol, Low Density Lipoprotein cholesterol, High Density Lipoprotein cholesterol and Triglycerides) and Lipoprotein (a) of cases with healthy age and sex matched control.

2. To assess the physical activity, dietary habits and socioeconomic status in patients of myocardial infarction.

3. To compare the emerging risk factors such as homocysteine, C-reactive protein and fibrinogen of the MI patients against the control.

4. To assess the incidence of diabetes mellitus, hypertension and smoking among MI patients of north Kerala.

5. To compare the cardiac markers of myocardial infarction such as aspartate aminotransferase, creatine kinase MB, cardiac troponin T and cardiac troponin I of MI patients with healthy age and sex matched control.