

## THESIS ABSTRACT

Name: DR . K. Sangeetha  
Title: CLINICAL STUDY OF CONDUCTION BLOCK IN  
ACUTE ST ELEVATION MYOCARDIAL INFARCTION.  
Period of study: April 2016 – September 2016  
Institution: Govt ..Kilpauk Medical College , Chennai .

Background: Conduction Blocks are frequent complications of Acute Myocardial Infarction, with incidence of 15 – 25%. Development of Conduction Block worsens the outcome of Acute MI. Knowledge about various types of conduction Block occurring during Acute MI guides in early intervention there by improving prognosis.

METHOD: A Prospective Observational study conducted in 200 patients with Acute Myocardial Infarction admitted in our hospital and the data collected is used to identify Incidence , Various patterns of Block and Prognosis in terms of Mortality.

Result: According to the study the incidence of Conduction block in Acute Myocardial Infarction is 17.5% with specific pattern of block observed to be commonly associated with site of Infarction and increased mortality observed with specific type of Conduction Block.

Conclusion: The incidence of Conduction Block is 17.5%, with occurrence of specific pattern of block depending on site of infarction and poor prognosis with specific type.

Key words: *Acute Myocardial Infarction, Conduction Block, AV Block, Intraventricular conduction delay, Anterior wall MI, Inferior wall MI.*