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**Original article:**

**Study of clinical profile of patients of ST-segment Elevation in Myocardial Infarction**

**Dr.V.B.Vikhe , Dr.Anil Katdare , Dr.A.L.Kakrani , Dr. Vivek Vilas Manade**

1,3Department of Medicine, 2,4Department of Cardiology

Dr. D. Y. Patil Medical College, Hospital and Research Centre, Pune, Maharashtra, India

Corresponding author: Dr V B Vikhe

**Abstract:**

**Introduction:** Cardiovasci.lar disease is the greatest scourge affecting the industrialized nations. As with previous scourges - bubonic plague, yellow fever and small pox - cardiovascular disease not only strikes down significant fraction of population without warning but also causes prolonged suffering and disability in an even larger number. With this background present work was planned to study the clinical profile of patients of ST-segment Elevation Myocardial Infarction .

**Materials & methods** Population of interest: 38 patients of ST segment elevation myocardial infarction developing various arrhythmias within first 48 hours, admitted to Padmashree Dr. D. Y. Patil Hospital and Research Centre, Pimpri, Pune, and willing to participate in the study

**Results:** Maximum incidence of STEMI was seen in the age group of 48-67 years which accounted for almost 52% of the patients studied.

**Conclusion:** Sweating was the most commonly (84%) observed associated complaint, while others complained of dyspnoea, vomiting, palpitations and syncope.