

**A rare case report of an Acute Inferior ST Elevation
Myocardial infarction (STEMI) following electrocution injury.**

KEY WORDS –

Acute Inferior ST elevation Myocardial Infarction, Electrocution Injury, myocardial infarction with non-obstructive coronary arteries (MINOCA).

ABSTRACT –

In an electrocution injury, there may be cardiac complications such as arrhythmias, heart blocks, rarely myocardial infarctions(1,3,4) and non-cardiac complications such as skin burns, rhabdomyolysis and renal failure (4,5). Here we report a patient presented with an acute inferior STEMI with a Troponin I value of > 40,000 ng/L following an accidental electrocution with 230 V and 50 Hz electric current. His subsequent 2D echocardiogram and coronary angiogram were completely normal and the ECG changes became normal without any thrombolytic therapy.