**Abstract**

Ventricular septal rupture (VSR) is a life-threatening complication of myocardial infarction (MI). Surgery remains the only option; however it is still a challenging **(1).** Patients survive following medical management have poor outcome, so, its result is disappointing **(2).** Primary percutaneous coronary intervention (PCI) can be reduced VSR incidence. Medical treatment has high mortality, and early surgery is recommended to prevent hemodynamic deterioration. However, surgery also associated to a high of mortality rate **(3)**. Transcatheter device closure is an option in critical cases (**4)**.

**Keywords**: - Ventricular Septal Rupture, Ischemic Ventricular Septal Defect, Acute Myocardial Infarction, Post Infarction Mechanical Complications.