

Ventricular Septal Rupture after Myocardial Infarction

Ventricular septal rupture (VSR) is a rare but catastrophic mechanical complication following myocardial infarction. Despite advances in reperfusion therapy, VSR remains associated with high morbidity and mortality, requiring rapid diagnosis and urgent multidisciplinary management.

At **Case Reports and Case Series in Cardiology Journal**, we invite cardiologists, intensivists, and cardiac surgeons to share their clinical experiences in managing ventricular septal rupture after myocardial infarction through detailed case reports and case series.

Why This Topic Matters

VSR presents unique clinical challenges, often leading to cardiogenic shock and hemodynamic instability. Sharing real-world cases can:

- Improve early recognition and diagnosis
- Guide surgical and percutaneous intervention strategies
- Enhance timing of repair decisions
- Improve survival outcomes in high-risk patients

Clinical Features

- Sudden hemodynamic deterioration after MI
- New harsh systolic murmur
- Signs of heart failure or cardiogenic shock
- Left-to-right shunt physiology

Diagnostic Approaches

- Transthoracic and transesophageal echocardiography
- Cardiac catheterization and hemodynamic assessment
- Cardiac MRI or CT in selected cases

Management Strategies

- Hemodynamic stabilization (vasopressors, inotropes)
- Mechanical circulatory support (IABP, ECMO)
- Surgical repair (definitive treatment)
- Percutaneous device closure in selected patients

Scope of Submissions

Case Reports and Case Series in Cardiology Journal welcomes:

- Acute and delayed VSR case reports
- Surgical vs percutaneous management cases
- Imaging-based diagnostic case studies
- Complex and high-risk patient scenarios
- Case series on outcomes and survival

Join Our Global Community of Authors

By publishing in **Case Reports and Case Series in Cardiology Journal**, you contribute to advancing knowledge in managing life-threatening post-MI complications and support clinicians worldwide.

Why Publish With Us

- Rapid peer review and publication
- Global visibility and indexing support
- Dedicated cardiology case reports platform
- Strong SEO exposure for your work

Manuscript Submission

Authors are requested to submit their manuscript by using Online Manuscript Submission

Portal: <https://www.casereportsincardiology.org/submit.html> (or) also invited to submit through the Journal

E-mail Id: editor@casereportsincardiology.org.