

Long-term usefulness of percutaneous intrapericardial fibrin-glue fixation therapy for oozing type of left ventricular free wall rupture: A case report.

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Abstract:

This report describes a long-term survival case of left ventricular free wall rupture treated with percutaneous intrapericardial fibrin-glue fixation therapy. A 82-year-old woman was admitted to the emergency room because of vomiting and syncope diagnosed as acute posterolateral myocardial infarction complicated by cardiac tamponade. After her hemodynamic condition was stabilized by drawing off the bloody pericardial effusion, fibrin-glue was injected into pericardial space with the expectation that the glue would cover the oozing site of the left ventricular epicardium. After this therapy, the patient recovered and did not have any no recurrent cardiac events for 1 year. Serial echocardiographic studies revealed a preserved left ventricular function and no development of left ventricular restriction. This case suggests that percutaneous intrapericardial fibrin-glue fixation therapy is an effective treatment for the oozing type of left ventricular free wall rupture and that there is no risk of left ventricular restriction during long-term follow-up.