

Successful management of a postinfarction left ventricular rupture using a sutureless technique with concomitant myocardial revascularization.

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Abstract:

We present a case of left ventricular (LV) rupture that occurred on the second day after inferolateral myocardial infarction (MI). An aggressive diagnostic approach with rapid coronary angiography prior to surgical repair provides a benefit characterized postoperatively by complete recovery of myocardial contractility in the akinetic infarcted area. We believe that coronary artery disease associated with subacute ventricular rupture may, in fact, be better investigated and simultaneously treated under a protocol of early surgical repair.