The Effect of Percutaneous Mitral Valvuloplasty on Left Atrial Mechanical Functions in Mitral Stenosis: The Short and Mid Term Following

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Objective: Rheumatic mitral stenosis (MS) is still a common disease in developing countries with high morbidity and mortality rates. The aim of the study was to evaluate left atrial mechanical functions in MS before and after percutaneous mitral balloon valvuloplasty (PMBV) and following in short and mid term.

Methods: The study included 49 patients with critical mitral stenosis who have normal percutaneous mitral balloon valvuloplasty (PMBV) and following in short and mid term.

Results: Comparison of before and after PMBV LA mechanic functional parameters measured by Transthoracic Echocardiography

Conclusion: our finding showed that improvement of left atrial mechanical functions after successful treatment of MS with PMBV and this improvement continues for one year.