47 year old lady presented with NYHA class III symptoms of dyspnea on exertion with acute right lower limb ischemia, prompt surgical embolectomy was done. Cardiac evaluation with echocardiography (Figures 1-3) revealed Rheumatic heart disease – Severe Mitral Stenosis with a giant Left Atrium (measuring 6.8 × 5.4 cm) with large mass measuring 6.5 × 3.2 cm occupying almost whole of left atrium. Detailed evaluation of the mass was done to rule out malignancy with CT (Figure 4) and MRI (Figures 5-7) which were indicative of thrombus. Left atrial thrombectomy with mitral valve replacement was done (Figure 8) and histopathology confirmed the diagnosis of thrombus (Figure 9).