Ring thrombosis following mitral valve repair

Sandro Sponga*, Elisabetta Auci, Pasquale Gianfagna and Ugolino Livi

Cardiothoracic Department, University Hospital of Udine, Udine, Italy

* Corresponding author. Cardiothoracic Department, University Hospital of Udine, P.le S.M. della Misericordia, 15, 33100 Udine, Italy. Tel: +39-0432-552430/+39-0432-552431; fax: +39-0432-552975; e-mail: sandro_sponga@yahoo.com (S. Sponga).

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Echocardiographic (Fig. 1) and intraoperative (Fig. 2) images display ring thrombosis following minimally invasive mitral valve repair in a patient without thrombotic risk factors, such as thrombophilic disorders, atrial fibrillation or previous radiofrequency ablation. Knots and sutures let too long have precluded complete ring endothelization favouring thrombi formation.

Figure 1: Four-chamber and 3D short axis transeosophageal echocardiographic view of the thrombi attached to the ring.

Figure 2: Thrombi attached to the ring near the sutures.