

Trans-aortic endoscopic ventricular thrombectomy in a patient with HIT and concomitant Aortic and ventricular thromboses

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Abstract

Dual aortic and ventricular thrombi are rare following myocardial infraction. We report the case of a 56-year-old man who initially denied primary percutaneous coronary intervention as a result of psychological phobia. Initial pharmacological management by thrombolysis and heparin was followed by multiple arterial thromboses including those of the left ventricle and right iliac artery with a subsequent diagnosis of heparin-induced thrombocytopenia. Ensuing surgical management revealed the unanticipated finding of an additional aortic sinus thrombosis that was excised. The left ventricular thrombus was removed endoscopically to prevent ventricular incisions. This case emphasizes the technical advantages of video-endoscopic management of intracardiac thrombi and highlights the unexpected nature of multiple thromboses associated with heparin-induced thrombocytopenia.