

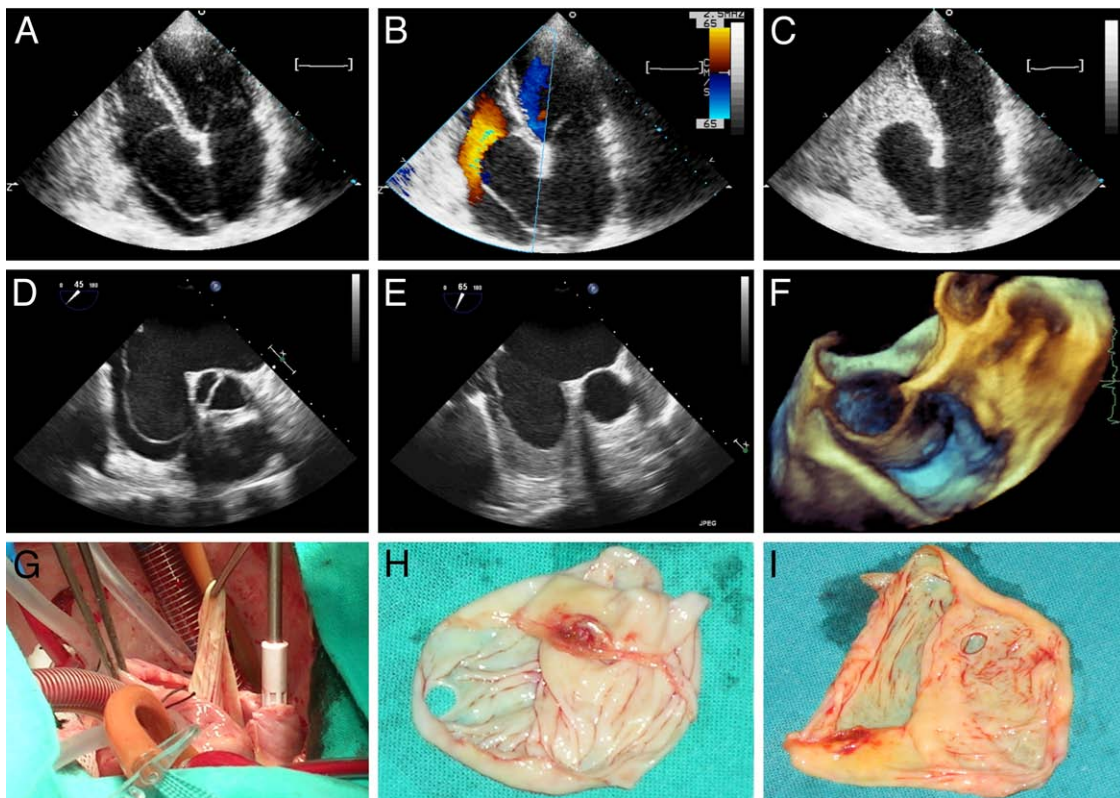
IMAGES IN CARDIOLOGY

A Picture Is Worth a Thousand Words

Giant Aneurysm of the Interatrial Septum

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A 70-year-old man was referred to our hospital to receive a transthoracic echocardiogram because of atrial fibrillation. Physical examination, chest X-ray, and electrocardiogram were normal. When performing the echocardiography, an image compatible with a huge aneurysm of the interatrial septum was found (**A and B**, [Online Videos 1 and 2](#)). Color-flow Doppler demonstrated the existence of a little left-to-right shunt in the anterior junction of the aneurysm with the interatrial septum with Q_p/Q_s ratio of 1.2. Agitated saline contrast injection opacified the right chambers, and no passage of agitated saline across the shunt was demonstrated (**C**). Transesophageal echocardiography showed the same findings (**D to F**, [Online Videos 3, 4, and 5](#)). Surgery for aneurysm resection was decided on. A large whitish membrane, with a small rounded orifice in its anterior side, was resected, and the atrial septal defect was closed with a pericardial patch (**G to I**). The patient was discharged 8 days after an uneventful post-operative period.