

Transcatheter Closure of Ruptured Non-Coronary Aortic Sinus Fistula to Right Ventricle

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We present a case of rupture of Non-coronary sinus aneurysm to RV. The treatment of choice is surgical. In this case we present an alternative treatment approach of transcatheter closure. For patients with untreated aortic sinus Valsalva aneurysm rupture, the mean survival time after diagnosis has been estimated at 3.9 years. The tissue at the aortic aspect of the fistula is frequently friable and difficult to manage and repair during surgery and transaortic repair may cause sinus of Valsalva distortion and aortic regurgitation. The 10 year survival in surgical treated patients is about 60 percent. We discuss the various anatomical variations of this rare anomaly. Its clinical presentation and we present our experience in detail for no-surgical treatment.