

Medical Case Reports

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Surgical repair of multiple congenital left ventricular aneurysms with rupture into left atrium

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Congenital left ventricular aneurysm (CLVA) is a rare disease. Patients with multiple congenital LVAs are even rare. Clinical presentation of CLVAs varies and is usually diagnosed by exclusion. Very few cases of successfully operated multiple congenital aneurysms with rupture into left atrium (LA) have been reported. We report a case of 17 year old male who presented with progressively increasing breathlessness of congestive heart failure. He was diagnosed to have two CLVAs with one rupturing into LA, for which he underwent aneurysmectomy and closure of LA perforation. After aneurysmectomy, the lateral wall aneurysm (aneurysm A) was closed linearly in two layers over teflon felt; while the inferior wall aneurysm (aneurysm B) was closed using patch at neck of aneurysm and linear closure of walls of aneurysm over the patch. We discuss the diagnostic process, the surgical correction and a brief review of the medical literature of this extremely rare disease.

Biography

Jignesh Kothari completed his Medical Graduation (MBBS) from M S University, Baroda in June 1991 and completed Masters of Surgery in the year 1995. He is certified with the Degree of M.Ch. and also DNB from National Board, India in Cardiovascular and Thoracic Surgery in the Year 2001. He later joined as Junior Surgeon at Madras Medical Mission (MMM), Chennai in April 2002 and worked for Year and Quarter. He is currently working at U N Mehta Institute of Cardiology and Research Centre affiliated to B.J. Medical College, Ahmedabad since July 2003 as Assistant Professor (CVTS) and as Associate Professor from May 2013. He is also working as a Post Graduate Teacher for Cardiothoracic and Vascular Specialty in Gujarat University. During this tenure he have operated 6500 cases of various adult cardiovascular surgeries and complicated Cardiac cases as well as Pediatric surgery and vascular surgery independently. He has published 7 research papers in various reputed journals and many complicated cases have also been published in journals.

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