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Submitral left ventricular aneurysm: A rare diagnosis

Submitral left ventricular aneurysm is a rare but challenging cardiac pathology which was first reported in Nigeria by S Abrahams et al. predominantly in African black population and rarely reported in Brazilian, Iranian and Indian population. Etiology remains mysterious but it is believed to be due to congenital weakness in fibrous layer of atrio-ventricular junction in area of posterior mitral leaflet often in the region of AV groove and in absence of ischemic infective or traumatic disease. Various consequences such as calcification, thrombus formation, myocardial ischemia, cerebral embolism, ventricular arrhythmia and rupture, if untreated are invariably fatal. Only 38 cases have been reported in the literature so far and we report the case of a patient who required the surgical resection of the defect with aneurysmorrhaphy and mitral valve replacement.

Biography

Anil K Sharma is working in SMS Hospital and attached Medical College, Jaipur as an Assistant Professor. Prior to this, he was a Senior Resident in the same institute. While there, he was integrally involved in the teaching of medical students and residents. Furthermore, he served as the Arthroscopic, Joint Replacement, Foot and Ankle Surgeon. He has experience of more than 600 arthroscopic knee surgeries till June 2015. A graduate of the SMS Medical College, he completed his Internship and Residency at the Sawai Man Singh Hospital, Jaipur and his Fellowship in Foot and Ankle Surgery under the direction of Dr. Selene G Parekh at the North Carolina Orthopedic Clinic of Duke University Health System, USA.

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