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Case Report

Congenital Left Ventricular Diverticulum Associated with ASD, VSD, and Epigastric Hernia

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Abstract:

Congenital left ventricular diverticulum is a rare cardiac malformation. Two categories of congenital ventricular diverticulum have been identified with regard to their localization: apical and non-apical. Apical diverticula are always associated with midline thoraco-abdominal defects and other heart malformations. Non-apical diverticula are always isolated defects.



Diagnosis is established by imaging studies such as echocardiography, magnetic resonance imaging, or left ventricular angiography. Mode of treatment has to be individually tailored and depends on clinical presentation, accompanying abnormalities, and possible complications.

We report a 10-month-old girl with left ventricular apical diverticulum, large atrial septal defect, two small muscular ventricular septal defects, and pulmonary hypertension, associated with epigastric hernia. This patient underwent total surgical repair for intra-cardiac defects as well as diverticular resection.

Keywords:

Diverticulum . Heart septal defect, ventricular . Heart septal defect, atrial . Hernia, ventral

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