

A Case Report of a Left Modified Blalock-Taussig Shunt Carried Out on a Neonate with Congenital Heart Disease

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ABSTRACT

Blalock-Taussig shunts are typically performed on the right side; however, certain cases necessitate left-sided shunts. There are very few published reports about left Blalock-Taussig shunts and their success. We report a case of a newborn diagnosed with heterotaxy, double outlet right ventricle, and hypoplastic pulmonary atresia, among other defects. The management plan called for a single ventricular-staged repair. Therefore, a left-modified Blalock-Taussig shunt and duct ligation were performed for palliation. Despite being less commonly performed and reported, left-modified Blalock-Taussig shunts can still be executed, depending on the surgeon's experience, medical infrastructure, and anatomical complexity, with success rates comparable to right Blalock-Taussig shunts.

Keywords: Congenital Heart Disease, Congenital Heart Surgery, Cardiac Surgery, Pediatric Shunts (Left Modified Blalock-Taussig)

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