

TABLE Surgical procedures for congenital heart disease

Name	Procedure	Objective	Mechanism
Blalock-Hanlon septectomy	Surgical removal of atrial septum	Palliative	Increases mixing of blood for TGA
Blalock-Taussig shunt	Subclavian artery to pulmonary artery anastomosis	Palliative	Increases pulmonic flow
Brock	Closed pulmonary valvotomy and infundibulectomy	Palliative	Increases pulmonic flow
Modified Fontan	Anastomosis of SVC to PA Non valved Conduit between the IVC and PA	Partial correction or tricuspid atresia)	Increases pulmonic flow (for univentricular morphology)
Glenn	Superior vena cava to pulmonary artery anastomosis	Palliative	Increases pulmonic flow
Arterial switch	Aorta and pulmonary artery moved to the proper ventricle (for TGA); coronaries are reimplanted	Corrective	Creates normal relationship between ventricles and great arteries
Mustard	Atrial switch intraatrial baffle made of pericardium	Corrective	Re-establishes proper flow sequence to pulmonary artery and aorta for TGA
PDA ligation	Ties of patent ductus arteriosus (usually with silk suture)	Corrective	Closes a left-to-right shunt at the ductal level
Potts (aka Potts-Smith Shunt)	Descending aorta to pulmonary artery shunt	Palliative	Increases pulmonic flow
PA band	Constrictive band around the main pulmonary artery	Palliative	Decreases pulmonary flow
Rashkind	Atrial septostomy with balloon catheter	Palliative	Increases mixing of blood for TGA or truncus
Rastelli	Valved conduit from right ventricle to pulmonary artery and VSD closure	Corrective	Increases pulmonic flow and reestablishes proper flow sequence of Ao / PA
Senning	Atrial switch with intraatrial baffle (uses atrial wall flaps)	Corrective	Re-establishes flow sequence to pulmonary artery and aorta for TGV
Waterston shunt	Ascending aorta to right pulmonary artery	Palliative	Increases pulmonic flow

TGA, Transposition of great arteries; PDA, patent ductus arteriosus; aka , also known as; PA, pulmonary artery; VSD, ventricular septal defect; AoPA, aortic- pulmonary communication.

