

Code List B: Single Ventricle Surgical Interventions and Procedures

Level 1	Level 2	Level 3	Level 4	
				Single Ventricle* Surgical Interventions
B1				Single ventricle palliation
	01			Shunt-systemic-to-pulmonary
		01		Modified Blalock-Taussig Shunt (MBTS)
			11	Left (MBTSL) placement
			12	Left (MBTSL) revision
			13	Left (MBTSL) thrombectomy
			21	Right (MBTSR) placement
			22	Right (MBTSL) revision
			23	Right (MBTSL) thrombectomy
		02		Blalock-Taussig Shunt (BTS) (Classic BTS)
			11	Left (BTS) placement
			12	Left (BTS) revision
			13	Left (BTS) thrombectomy
			21	Right (BTS) placement
			22	Right (BTS) revision
			23	Right (BTS) thrombectomy
		03		Central with tube graft (aorta to main or branch pulmonary artery)
			11	Left placement
			12	Left revision
			13	Left thrombectomy
			21	Right placement
			22	Right revision
			23	Right thrombectomy
		04		Potts-Smith type (direct descending aorta to pulmonary artery)
		05		Waterston type (direct ascending aorta to pulmonary artery)
		06		Other
		07		Shunt ligation and takedown
	02			Pulmonary artery (PA) band
		01		Band placement
		02		Band revision
	03			PA debanding
	04			Damus-Kaye-Stansel (DKS) procedure
	05			Norwood procedure
		01		Aortopulmonary shunt (modified BTS)
		02		Right ventricle to PA conduit (Sano operation)
	06			Unidirectional Glenn anastomosis
		01		Left
		02		Right
	07			Bidirectional cavopulmonary anastomosis (BDCPA)
		01		Left
		02		Right
	08			Bilateral bidirectional cavopulmonary anastomoses (BBDCPA)

* Single ventricle should be interpreted as including other congenital defects – e.g., hypoplastic left heart syndrome – that may result in patients undergoing palliation with the Fontan procedure.

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				Single Ventricle* Surgical Interventions
B1				Single ventricle palliation (continued)
	09			Hemi-Fontan
		01		With bilateral cavopulmonary anastomoses
	10			Kawashima operation (superior cavopulmonary anastomosis in setting of interrupted IVC with azygous continuation)
	11			Atrial septectomy
	12			Repair or revision of totally anomalous pulmonary venous connection
B2				Single ventricle physiologic repair
	01			Ventricular septation
	02			Fontan
		01		Atriopulmonary connection
			01	With ASD closure
			02	With lateral tunnel
		02		Atrioventricular connection (Bjork)
		03		TCPC intracardiac lateral tunnel (continued)
			01	Fenestrated
			02	Nonfenestrated
		04		TCPC extracardiac lateral tunnel
			01	Fenestrated
			02	Nonfenestrated
		05		TCPS extracardiac conduit
			01	Fenestrated
			02	Nonfenestrated
		06		Intraatrial conduit
			01	Fenestrated
			02	Nonfenestrated
		07		Other
		08		Fontan revision
	03			Heart transplant
B3				Other cardiac surgical procedure

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