

Pediatric Heart Network: Single Ventricle Reconstruction Trial  
Code List O: Anatomic Diagnoses for HLHS and Single RV Anomalies

Level 1	Level 2	Level 3	Level 4	Level 5		
<b>O1</b>					<b>Hypoplastic left heart syndrome (HLHS)</b>	
	01				Aortic atresia and mitral atresia	
	02				Aortic atresia and mitral stenosis	
		01			Intact ventricular septum	
			02			Ventricular septal defect
				01		Nonrestrictive ventricular septal defect
	02		Restrictive ventricular septal defect			
	03				Aortic stenosis and mitral stenosis	
		01			Intact ventricular septum	
			02			Ventricular septal defect
				01		Nonrestrictive ventricular septal defect
	02		Restrictive ventricular septal defect			
	04				Aortic stenosis and mitral valve hypoplasia	
		01			Intact ventricular septum	
			02			Ventricular septal defect
				01		Nonrestrictive ventricular septal defect
	02		Restrictive ventricular septal defect			
	05				Hypoplastic aortic valve, mitral valve, and left ventricle	
		01			Intact ventricular septum	
			02			Ventricular septal defect
				01		Nonrestrictive ventricular septal defect
	02		Restrictive ventricular septal defect			
	06				Aortic stenosis and mitral atresia	
		01			Intact ventricular septum	
02					Ventricular septal defect	
			01		Nonrestrictive ventricular septal defect	
02		Restrictive ventricular septal defect				
<b>O2</b>					<b>Critical aortic stenosis with or without LV hypoplasia</b>	
<b>O3</b>					<b>Single right ventricle with systemic outflow obstruction</b>	
	01				Double inlet right ventricle	
		01			No mitral stenosis or hypoplasia	
		02			Mitral stenosis or hypoplasia	
	02				Mitral atresia	
	03				Common atrioventricular (AV) valve (AV Canal, AV septal defect)	
		01			Asplenia syndrome (right atrial isomerism)	
02				Polysplenia syndrome (left atrial isomerism)		
<b>O4</b>					<b>Right dominant AV canal with systemic outflow obstruction</b>	
<b>O5</b>					<b>Straddling mitral valve with LV hypoplasia and outflow obstruction</b>	
<b>O6</b>					<b>Other functional single right ventricle with critical left ventricular hypoplasia, systemic outflow obstruction, and planned Norwood procedure (unable to classify diagnosis into any of above O1-O5 categories).</b>	