

Table S1 Patient demographics and characteristics

Variables	Training cohort (n=45)	Validation cohort (n=10)	P value
Age at Norwood procedure (days)	5±3.6	6.9±3.1	0.5100
Gestational age at birth (weeks)	38 [35.4–41.1]	38 [36–39.3]	0.1663
Postmenstrual age at Norwood procedure (weeks)	38.7 [36.1–42.0]	39 [36.7–40.5]	0.2895
Weight at Norwood procedure (kg)	3±0.5	2.9±0.5	0.2499
ICU length of stay (days)	20.3 [7–85]	11.2 [7–28]	0.0990
Sex			0.9234
Male	26 (57.8)	5 (50.0)	
Female	19 (42.2)	5 (50.0)	
Norwood			0.7570
BTS	32 (71.1)	6 (60.0)	
RVPAS	13 (28.9)	4 (40.0)	
Anatomy			0.9252
HLHS	38 (84.4)	8 (80.0)	
Unbalanced AVSD	3 (6.7)	1 (10.0)	
Others	4 (8.9)	1 (10.0)	
HLHS subtype			0.8925
MS/AS	14 (36.8)	3 (37.5)	
MS/AA	11 (28.9)	3 (37.5)	
MA/AA	11 (28.9)	2 (25)	
MA/AS	2 (5.3)	0	
Required ECMO immediate postoperatively	4 (8.9)	1 (10.0)	1.0
Disposition from ICU			
Transferred stepdown	39 (86.7)	9 (90.0)	0.6650
Mortality	6 (13.3)	1 (10.0)	1.0

Medians [25th–75th percentiles] or means ± standard deviations are reported for continuous variables. Frequencies (percentage) are reported for categorical variables and *t*-test on age, gestational age, weight, and length of stay. A Chi-square test contingency was used on the rest of the rows for the significance test. ICU, intensive care units; BTS, Blalock-Taussig shunt; RVPAS, right ventricle to pulmonary artery shunt; HLHS, hypoplastic left heart syndrome; AVSD, atrioventricular septal defect; MS, mitral stenosis; AS, aortic stenosis; AA, aortic atresia; MA, mitral atresia; ECMO, extracorporeal membrane oxygenation.