

Abdelrazek Ali Y, et al. Management of collaterals after Glenn procedure and its impact on patients with single ventricle: a single-center study. *REC Interv Cardiol.* 2024. <https://doi.org/10.24875/RECICE.M24000472>

Table 1 of the supplementary data

The hematological indices

Variables	Mean ± SD	Range
Hemoglobin (g/dL)	15.66 ± 2.61	8-21.4
Hematocrit value (%)	48.48 ± 8.78	24.6-71
HCT in venesection group (%)	61.94 ± 3.89	58-71
TLC (thousands/ μ L)	6.49 ± 1.83	2.99-10.5
PLT (thousands/ μ L)	242.02 ± 53.70	134-368

HCT, hematocrit value; PLT, platelet count, SD, standard deviation; TLC, total leucocytic count.

Table 2 of the supplementary data

Hemodynamics pressure and oxygen saturation

Catheterization		N = 56
Pulmonary Artery pressure		
Mean PAP	Median (IQR)	14.5 (10-17)
	Range	3-45
Peak PAP	Median (IQR)	18 (13-20)
	Range	5-60
Diastolic PAP	Median (IQR)	12 (7-15)
	Range	0-35
Dominant ventricle pressure		
Systolic pressure	Mean ± SD	87.83 ± 15.47
	Range	60-130
EDP	Median (IQR)	12 (10-15)
	Range	2-24
Aortic pressure		
Systolic aortic pressure	Mean ± SD	87.07 ± 12.20
	Range	60-120
Diastolic aortic pressure	Mean ± SD	54.00 ± 10.00
	Range	34-90
Mean aortic pressure	Mean ± SD	69.77 ± 10.73
	Range	44-97
Aorta oxygen saturation on 100% oxygen	Mean ± SD	92.04 ± 5.62
	Range	70-100
Transpulmonary PG (SVC-LA)	Median (IQR)	4 (2-7)
	Range	0-33

EDP, end-diastolic pressure; PAP, pulmonary artery pressure; PG, pressure gradient; SVC, superior vena cava; LA, left atrium.

Table 3 of the supplementary data

Associations with the presence of venovenous collaterals

Variables		Presence of venovenous collaterals		Test value	P-value	Sig.
		No	Yes			
		N = 15	N = 41			
Basal SO ₂	Mean ± SD	81.33 ± 6.01	77.15 ± 9.03	1.661*	.103	NS
	Range	74 - 99	55-95			
Hb	Mean ± SD	15.65 ± 2.55	15.67 ± 2.67	-0.015*	.988	NS
	Range	11.7-21.4	8-21.1			
HCT	Mean ± SD	44.32 ± 7.62	50.00 ± 8.76	-2.221*	.031	S
	Range	24.6 - 59	34.5-71			
EDP	Median (IQR)	12 (10 - 20)	12 (10-15)	-0.847#	.397	NS
	Range	2 - 24	2 - 24			
Transpulmonary PG (SVC-RA)	Median (IQR)	5 (3 - 8)	4 (2 - 6)	-1.274#	.203	NS
	Range	1 -10	0 - 33			
Mean PAP	Median (IQR)	11 (8-16)	15 (12-18)	-2.248#	.025	S
	Range	3-17	8-45			
Bilateral SVC	No	14 (93.3%)	34 (82.9%)	0.971*	.324	NS
	Yes	1 (6.7%)	7 (17.1%)			
PA distortion/ inadequate PA distribution	Adequate sized PA branches	14 (93.3%)	31 (75.6%)	2.186*	.139	NS
	Inadequate sized PA branches	1 (6.7%)	10 (24.4%)			
IAS defect Restrictive/Not	No	5 (33.3%)	17 (41.5%)	1.117*	.572	NS
	Restrictive	3 (20.0%)	4 (9.8%)			
	Un restrictive	7 (46.7%)	20 (48.8%)			
AR/AS	Normal	12 (80.0%)	31 (75.6%)	3.954*	.412	NS
	Trivial	0 (0.0%)	2 (4.9%)			
	Mild	2 (13.3%)	7 (17.1%)			
	Moderate	0 (0.0%)	1 (2.4%)			
	Severe	1 (6.7%)	0 (0.0%)			
Native PS severity	No	5 (33.3%)	18 (43.9%)	2.993*	.393	NS
	No PS	1 (6.7%)	6 (14.6%)			
	Severe	9 (60.0%)	15 (36.6%)			
	Moderate	0 (0.0%)	2 (4.9%)			
Pulmonary artery banding	No	13 (86.7%)	30 (73.2%)	1.122*	.289	NS
	PAB	2 (13.3%)	11 (26.8%)			
Age at operation (years)	Median (IQR)	2.17 (1.08 – 3.25)	1.67 (1 – 2.83)	-0.875#	.382	NS
	Range	0.75-17	0.42-5.75			
Duration since Glenn	Median (IQR)	8.75 (4.25-12)	6.92 (5.83-9)	-0.995#	.320	NS

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	Range	2.75 - 18	3.25 - 16			
Morphology of dominant ventricle	Left ventricle	9 (47.4%)	17 (50.0%)	0.034*	.854	NS
	Right ventricle	10 (52.6%)	17 (50.0%)			
Ventricular systolic function	Preserved	17 (89.5%)	31 (83.8%)	0.332*	.565	NS
	Impaired	2 (10.5%)	6 (16.2%)			

AR, aortic regurgitation; AS, aortic stenosis; EDP, end-diastolic pressure; HB, hemoglobin; HCT, hematocrit; IAS, interatrial septum; IQR, Interquartile range; PA, pulmonary artery; PG, pressure gradient; PS, pulmonary stenosis; RA, right atrium; SVC, superior vena cava; SO₂, oxygen saturation.

Figure 1 of the supplementary data. Patient with superior vena cava syndrome.



Figure 2 of the supplementary data. Patient with surface venous collaterals in chest and abdomen with deep cyanosis.



