

Table S1 Functional outcomes pre- versus post-LVRS by final approach

Functional outcomes	Unilateral LVRS		Bilateral LVRS		P value
	Pre	Post	Pre	Post	
RV%	N=39		N=42		
Median (IQR)	218 (194, 241)	165 (125, 200)	227 (205.3, 260.5)	154.5 (131.8, 190)	0.07
FEV ₁ %	N=52		N=50		
Median (IQR)	29 (21.3, 35.8)	35.5 (27.3, 50.5)	28.5 (21.8, 37)	43 (34.5, 53.3)	0.07
DLCO%	N=36		N=44		
Median (IQR)	31.5 (22, 38.8)	33 (24.3, 43)	31.5 (27, 42.8)	42.5 (36, 49)	0.02
6MWT (m)	N=33		N=37		
Median (IQR)	315.8 (289.6, 340.3)	311.5 (270.7, 374.2)	295.4 (243.8, 343.7)	356.3 (311.8, 389.9)	0.007
Supplemental O ₂					
N patients requiring oxygen	52 (81.3%)	39 (60.9%)	45 (81.8%)	34 (61.8%)	0.95
Liters at rest (median, IQR)	2 (0, 3)	0 (0, 2)	2 (0, 3)	0 (0, 0)	0.17
Liters on exertion (median, IQR)	3 (2, 4)	2 (0, 2.5)	3 (2, 4)	2 (0, 2)	0.59

Table S2 Minimally clinically important difference and mortality by final LVRS approach

MCID Criteria	Unilateral LVRS (N=64)	Bilateral LVRS (N=55)	Total (N=119)	P value
RV% -8%	35 (54.7%)	38 (69.1%)	73	0.12
FEV ₁ % +10%	21 (32.8%)	31 (56.4%)	52	0.01
6MWT +26 m	13 (20.3%)	22 (40%)	35	0.02
All criteria	6 (9.4%)	13 (23.6%)	19	0.04
Mortality				
30-days	1 (1.6%)	2 (3.6%)	3 (2.5%)	0.60
90-days	1 (1.6%)	3 (5.5%)	4 (3.4%)	0.33
1-year	1 (1.6%)	5 (9.1%)	6 (5%)	0.06