

Supplemental Table 2: Baseline and adherence parameters impacting pump position

	Normal Position (N = 178)	Extreme Position (N = 58)	P- value
Baseline Parameters			
Age, years	56 ± 13	59 ± 12	0.19
Female, n (%)	36 (20)	9 (16)	0.56
<i>Ischemic etiology, n (%)</i>	69 (39)	35 (60)	0.006
DT, n (%)	137 (77)	48 (83)	0.46
INTERMACS profile, n (%)			0.97
1	21 (12)	7 (12)	
2-3	123 (69)	39 (67)	
4-5	34 (19)	12 (21)	
Body surface area, m ²	2.1 ± 0.3	2.1 ± 0.3	0.36
BMI, kg/m ²	29 ± 6	30 ± 7	0.36
BMI > 35 kg/m ² , n (%)	24 (13)	13 (22)	0.14
Cardiothoracic ratio	0.65 ± 0.06	0.65 ± 0.07	0.81
Adherence Parameters			
Pump anchored, n (%)	148 (83)	47 (81)	0.69
Heparin bridging, n (%)	167 (94)	57 (98)	0.30
Median INR	2.1 ± 0.4	2.1 ± 0.4	0.64
<2.0	57 (33)	19 (33)	1.00
ASA use at 30 days, n (%)	141 (82), N = 173	42 (76), N = 55	0.44
Average MAP, mmHg	86 ± 10	83 ± 9	0.09
≤90 mmHg	120 (67)	47 (81)	0.07
Pump speed out of the OR, RPM	8880 ± 428	8820 ± 434	0.35
≥8600 RPM, n (%)	123 (69)	40 (69)	1.00
≥9000 RPM, n (%)	76 (43)	19 (33)	0.22
Pump speed at 30 days, RPM	9168 ± 335, N = 172	9068 ± 341, N = 55	0.06
≥8600 RPM, n (%)	160 (93)	50 (91)	0.57
≥9000 RPM, n (%)	143 (83)	37 (67)	0.021