

Table S1. Comparing patients with and without postoperative antipsychotic medication

	Postoperative antipsychotic medication		P value
	Yes (n=36)	No (n=22)	
Age (years)	47.6±11.1	49.1±12.7	0.639
Male (n(%))	24 (66.7%)	13 (59.0%)	0.556
Body Surface Area (m ²)	1.72±0.17	1.78±0.21	0.250
History of CTEPH (months)	63(24-96)	42(15-84)	0.316
Jamieson classification			0.684
I	10	8	
II	18	12	
III	8	2	
Preoperative NYHA			0.620
II	16	7	
III	19	14	
IV	1	1	
Preoperative 6-minute walking distance (m)	390±81	372±98	0.670
Inferior vena cava filter implantation ((n(%))	12(33.3%)	7(31.8%)	0.905
History of deep vein thrombosis ((n(%))	23(63.9%)	12(54.5%)	0.480
History of antiphospholipid syndrome ((n(%))	9 (25%)	3(13.6%)	0.300
Preoperative LVEF (%)	67±8	65±8	0.185
Preoperative cardiac output (L/min)	4.2±1.1	5.2±1.2	0.004

Preoperative cardiac index (L/min/m ²)	2.3±0.6	2.7±0.6	0.016
Preoperative sPAP (mmHg)	87±9	79±22	0.206
Preoperative dPAP (mmHg)	32±9	29±8	0.385
Preoperative mPAP (mmHg)	50±13	46±14	0.332
Preoperative PVR (dyn·s·cm ⁻⁵)	795 (575-1167)	631 (496-803)	0.043
Preoperative SaO ₂ (%)	90(87-93)	90(87-93)	0.930
Preoperative Hct(%)	44±5	44±5	0.978
Preoperative NT-proBNP (pg/ml)	1275(377-2273)	844(187-1880)	0.206
Preoperative protein S activity (%)	62.8±27.5	68.9±34.9	0.464
Preoperative protein C activity (%)	64.3±31.5	64.4±26.6	0.991
Preoperative APTT (s)	43.1(41.6-47.8)	42.6(37.3-45.3)	0.332
Preoperative INR	1.37(1.18-1.70)	1.52(1.12-1.98)	0.930
Preoperative D-Dimer (ug/L)	0.41(0.26-0.64)	0.82(0.30-1.35)	0.202
Preoperative serum creatinine (umol/L)	84.4±18.3	81.6±15.4	0.553
CPB time (min)	241±48	214±39	0.033
Cross-clamp time (min)	115±33	104±24	0.208
Cardioplegia (HTK/ Celsior)	14/22	8/12	
Nadir Nasopharyngeal Temperature (°C)	18.4(18-18.7)	18(18-18.4)	0.252
Nadir Bladder Temperature (°C)	19.2(18.8-19.9)	19.6(18.5-20)	0.573
Max bladder-to-nasopharyngeal gradient (°C)	4.7±1.4	4.5±1.9	0.717

Cooling time (min)	56±10	60±10	0.143
Rewarming time to target bladder temperature (min)	73±19	71±16	0.666
Rewarming time to target nasopharyngeal temperature (min)	70±14	73±15	0.404
Cross-clamp Nasopharyngeal Temperature (°C)	24.5±2.5	24.7±3.0	0.768
Cross-clamp Bladder Temperature (°C)	26.1±3.5	27.6±3.9	0.137
Declamping Nasopharyngeal Temperature (°C)	19.9(19.0-21.0)	20.2(19.3-21.3)	0.194
Declamping Bladder Temperature (°C)	20.2(19.7-20.9)	20.3(19.8-21.1)	0.591
Total DHCA time (min)	45±14	33±13	0.004
DHCA episodes(1/2/3/6)	0/19/16/1	6/11/5/0	0.032
Max DHCA time per episode (min)	22±3	21±5	0.778
Vasoactive-inotropic score after weaning from CPB	8(6-16)	8(5-12)	0.590
ZBUF volume (ml)	1500(1000-2000)	1500(525-2000)	0.936
CUF volume (ml)	900(0-1000)	750(0-2000)	0.517
Urine output during bypass (ml)	800(540-1300)	800(500-1200)	0.767
Intra-operative RBC transfusion (0/2/4/6)	31/0/4/1	16/2/3/1	0.256
Immediate postoperative serum Na (mmol/L)	138.5±3.6	138.8±2.8	0.703

Immediate postoperative serum K (mmol/L)	4.7±0.5	4.2±0.4	0.004
Immediate postoperative serum lactate (mmol/L)	2.6±1.5	2.0±1.1	0.104
Immediate postoperative serum glucose (mg/dL)	187±47	193±52	0.629
Immediate postoperative Hct (%)	33±4		0.010
