

**Supplemental Table 2:** Patient characteristics by cumulative facility experience

	Facility cumulative ECMO experience		
	≥ 32	< 32	t test p value
Age (years)	52.2	53.3	0.08
Male (%)	63.5	62.2	0.45
Sodium (max, mEq/L)	142.3	141.9	0.22
Sodium (min, mEq/L)	137.0	136.5	0.06
Potassium (max, mEq/L)	4.75	4.54	0.09
Potassium (min, mEq/L)	3.69	3.65	0.20
Bicarbonate (max, mmol/L)	25.7	25.9	0.59
Blood urea nitrogen (max, mg/dL)	28.2	27.4	0.33
Creatinine (max, mg/dL)	1.76	1.73	0.66
Calcium (max, mg/dL)	8.52	8.62	0.08
Calcium (min, mg/dL)	7.82	7.83	0.79
Bilirubin (max, mg/dL)	1.44	1.42	0.87
Alkaline phosphatase (max, U/L)	87.5	90.7	0.36
Albumin (min, g/dL)	13.9	2.79	0.15
Glucose (max, mg/dL)	221.2	236.5	0.006
Glucose (min, mg/dL)	126.2	138.6	< 0.001
White blood cells (max, 10 <sup>9</sup> /L)	15.7	15.5	0.71
White blood cells (min, 10 <sup>9</sup> /L)	12.1	11.2	0.012
Hemoglobin (max, g/dL)	12.3	12.9	< 0.001
Hemoglobin (min, g/dL)	9.7	10.5	< 0.001
Platelets (min, 10 <sup>9</sup> /L)	163.3	168.5	0.22
Band neutrophils (max, %)	10.4	15.2	< 0.001
INR (max, ratio)	2.1	1.8	< 0.001
Prothrombin time (max, seconds)	86.7	78.7	0.006
Partial thromboplastin time (max, seconds)	90.8	81.3	0.001
Arterial pH (max)	7.43	7.41	0.012
Arterial pH (min)	7.22	7.21	0.28
O2 saturation (min, %)	82.9	84.3	0.11
PaO2 (min, mmHg)	94.8	95.7	0.84
PaCO2 (max, mmHg)	55.4	54.4	0.35
PaCO2 (min, mmHg)	33.6	34.1	0.38

Note (\*): Cumulative facility experience in quarters observed from Q1 2007 through later of Q4, 2015 or last observed quarter.