

**Supplemental Table 1. Number of organ systems failing by treatment group, by percentages and 95% CI are provided in the table.**

Organ System Failure	Treatment Group		Total n=173	$\chi^2$ (1)	p-value
	Placebo n=92	NAC n=81			
Cardiovascular	15% 7% - 23%	9% 2% - 15%	12% 7% - 17%	1.746	0.186
Renal	25% 16% - 34%	33% 22% - 44%	29% 22% - 36%	1.456	0.228
Intracranial hypertension	16% 8% - 24%	9% 2% - 15%	13% 7% - 18%	2.278	0.131
Pulmonary	59% 48% - 69%	49% 38% - 61%	54% 47% - 62%	1.506	0.220
Infection	22% 13% - 31%	35% 24% - 46%	28% 21% - 35%	3.536	0.060
Max coma grade $\geq 3$	59% 48% - 69%	54% 43% - 66%	57% 49% - 64%	0.336	0.562

Total Number of Organ Systems Failed (0-6)	Treatment Group		Total n=173	$\chi^2$ (6)	p-value
	Placebo n=92	NAC n=81			
0	23% 14% - 32%	27% 17% - 37%	25% 18% - 32%	1.964	0.923
1	17% 9% - 26%	15% 6% - 23%	16% 10% - 22%		
2	20% 11% - 28%	22% 13% - 32%	21% 14% - 27%		
3	25% 16% - 34%	19% 9% - 28%	22% 16% - 28%		
4	13% 6% - 20%	14% 6% - 22%	13% 8% - 19%		
5	1% 0% - 4%	2% 0% - 6%	2% 0% - 4%		
6	1% 0% - 4%	1% 0% - 4%	1% 0% - 3%		

**No differences were observed between the treatment groups in any of these parameters.**