

### Respiratory and Non-Respiratory Complications

A large proportion of patients developed organ dysfunction. Thirty-nine (60%) were diagnosed with acute kidney injury and 23 (35.4%) patients required renal replacement therapy with equal proportion in both the high and low compliance groups Supplementary Table 2. There was also no significant difference in the proportion treated for ventilator associated pneumonia in the high compliance (9/24, 37.5%) group compared with the low compliance (16/43,38.1%) group.

Supplementary Table 2. Outcome differences between the high and low compliance phenotypes

	<b>All patients N= 67</b>	<b>High compliance N= 24</b>	<b>Low compliance N= 43</b>	<b>P value</b>
<b>Outcomes</b>				
Inotrope Use	42 (62.7%)	16 (66.7%)	26 (60.5%)	0.615
Cardiac event ^	11 (16.7%)	2 (8.3%)	9 (21.4%)	0.303
Ischaemic cerebrovascular event	2 (3%)	0	2 (4.8%)	0.278
Pulmonary embolism	5 (7.6%)	1 (4.2%)	4 (9.5%)	0.429
Deep venous thrombosis	2 (3%)	1 (4.2%)	1 (2.4%)	0.684
Ventilator associated pneumonia*	25 (37.9%)	9 (37.5%)	16 (38.1%)	0.962
Pneumothorax	4 (6.3%)	0	4 (10%)	0.288
Extracorporeal membrane oxygenation	4 (6%)	1 (4.2%)	3 (7%)	1.000
Acute kidney injury	39 (60%)	15 (62.5%)	24 (58.5%)	0.753
Required dialysis	23 (35.4%)	11 (45.8%)	12 (29.3%)	0.178

^ Consist of non-ST-elevated myocardial infarction, type 2 myocardial infarction, atrial fibrillation

\* Ventilator associated pneumonia are physician reported.