

Supplementary Table 7. Changes in PaO₂/FiO₂ ratio and dynamic compliance after the first session of prone positioning in non-survivors within 28 days according to definition of traditional prone responder

| Survivor | Traditional responder | | | Traditional non-responder | | |
|--|------------------------|--------------------------|---------|---------------------------|--------------------------|---------|
| | Diffuse ARDS (n=19) | Focal ARDS (n=4) | P-value | Diffuse ARDS (n=18) | Focal ARDS (n=6) | P-value |
| Absolute change in PaO ₂ /FiO ₂ ratio from baseline to P8-12 (mm Hg) | 57.3 (39.2 to 82.1) | 119.7 (85.9 to 174.2) | 0.054 | 2.1 (-5.2 to 9.2) | -17.9 (-31.8 to -2.2) | 0.077 |
| Percentage change in PaO ₂ /FiO ₂ ratio from baseline to P8-12 (%) | 43.7 (35.5 to 80.5) | 108.2 (92.5 to 272.7) | 0.012 | 2.4 (-3.9 to 7.2) | -16.8 (-33.0 to -3.0) | 0.027 |
| Absolute change in dynamic compliance from baseline to P8-12 (ml/cm H ₂ O) | -1.3 (-4.8 to 0.7) | 5.1 (-1.7 to 11.3) | 0.067 | -2.5 (-4.6 to -0.3) | 0.6 (-5.9 to 4.3) | 0.454 |
| Percentage change in dynamic compliance from baseline to P8-12 (%) | -7.1 (-18.2 to 3.2) | 26.6 (-1.4 to 123.8) | 0.044 | -12.9 (-19.3 to -2.4) | 2.0 (-19.4 to 24.4) | 0.280 |

Values are presented as median (interquartile range).

PaO₂: arterial partial pressure of oxygen; FiO₂: fraction of inspired oxygen; ARDS: acute respiratory distress syndrome.