



**Figure S1** The prone position method in the patient with ARDS after cardiac surgery. ARDS, acute respiratory distress syndrome.

**Table S1** Prone position subgroup analyses

Variables	Total (n=79)	Non-IABP (n=75)	IABP (n=4)	P value
P/F ratio before PP (mmHg), median (IQR)	160.0 (127.8–184.3)	161.3 (128.4–187.5)	143.9 (112.8–167.5)	0.38
P/F ratio after one PP (mmHg), median (IQR)	275.0 (220.0–325.0)	275.0 (218.7–325.0)	286.75 (242.2–358.97)	0.63
Start initiating PP time (h), mean $\pm$ SD	38.0 $\pm$ 16.0	38.0 $\pm$ 16.0	44.0 $\pm$ 20.0	0.49
Duration of the first PP (h), median (IQR)	16.0 (14.0–17.0)	16.0 (13.0–17.0)	17.0 (14.0–20.0)	0.32
Total number of PP, median (IQR)	2.0 (1.0–3.0)	2.0 (1.0–3.0)	2.0 (1.0–2.0)	0.51
Total duration of PP (h), median (IQR)	31.0 (17.0–45.0)	31.0 (17.0–47.0)	32.0 (20.0–37.0)	0.86
Average duration of the PP (h), median (IQR)	15.0 (13.0–17.0)	15.0 (13.0–17.0)	17.0 (15.0–18.0)	0.15
Duration of MV (h), median (IQR)	84.0 (64.0–122.0)	83.0 (64.0–125.0)	97.0 (67.0–103.0)	0.80
Length of ICU stay (days), median (IQR)	6.0 (5.0–8.0)	6.0 (5.0–8.0)	6.0 (6.0–7.0)	0.72

IABP, intra-aortic balloon pump; P/F ratio, partial pressure of arterial oxygen to inspired fraction of oxygen ration; PP, prone positioning; IQR, interquartile range; SD, standard deviation; MV, mechanical ventilation; ICU, intensive care unit.