

# Does Prolonged Prone Position Ventilation Improve Mortality in Intubated Patients With COVID-19?

## STUDY DESIGN

Multicenter, retrospective cohort study of consecutively admitted intubated patients with COVID-19 treated with prone position ventilation (PPV) comparing:

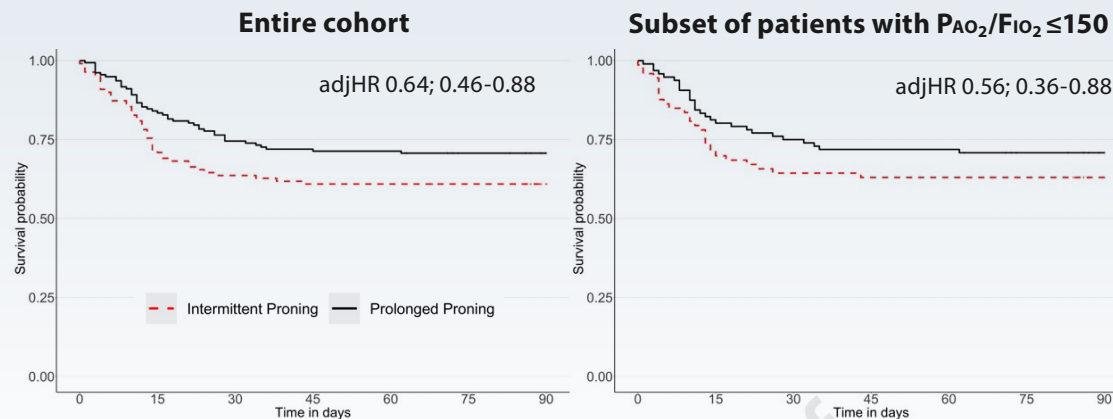
**Prolonged PPV (PPPV):**  $\geq 24$  hours (n=157)

vs

**Intermittent PPV (IPPV):** ~16 hours with daily supination/pronation (n=110)

## RESULTS

**Probability of survival** from time of proning to 90 days



PPPV patients had **fewer pronation and supination events**  
(median 1 [95% CI, 1-2] vs median 3 [95% CI, 1-4];  $P < .001$ )

Among intubated patients with COVID-19 who received PPV, PPPV was associated with reduced mortality and with fewer pronation and supination events.