

Table S1: Secondary outcomes by sedation strategy prior to first ICDS assessment

Propensity score-matched mean ratio or rate ratio (95% CI)¹	ICU LOS	Hospital LOS	Duration of invasive ventilation	Number of delirium days
Sedation prior to first ICDS assessment				
Propofol	1.00 (reference group)	1.00 (reference group)	1.00 (reference group)	1.00 (reference group)
Fentanyl	1.06 (0.85-1.33)	1.25 (0.97-1.61)	1.00 (0.74-1.35)	1.03 (0.69-1.55)
Midazolam	0.83 (0.65-1.06)	0.98 (0.75-1.28)	1.00 (0.73-1.38)	0.88 (0.59-1.31)
Propofol + Fentanyl	1.17 (1.05-1.30)	1.20 (1.05-1.38)	1.37 (1.18-1.58)	1.08 (0.90-1.31)
Propofol + Midazolam	1.16 (0.99-1.36)	0.86 (0.68-1.08)	1.59 (1.28-1.99)	1.11 (0.87-1.41)
Fentanyl + Midazolam	1.40 (1.17-1.67)	1.27 (1.02-1.57)	1.95 (1.54-2.46)	1.28 (0.97-1.69)
All 3	1.73 (1.52-1.98)	1.39 (1.18-1.63)	2.47 (2.06-2.97)	1.35 (1.10-1.67)

¹Propensity score based on age, sex, admission class, Charlson comorbidity category (0, 1, 2+), admission APACHE II score, vasoactive medications, continuous renal replacement therapy. 1:1 nearest-neighbor matching without replacement using the logit of the propensity score and specified caliper width equal to 0.2 of the standard deviation of the logit of the propensity score