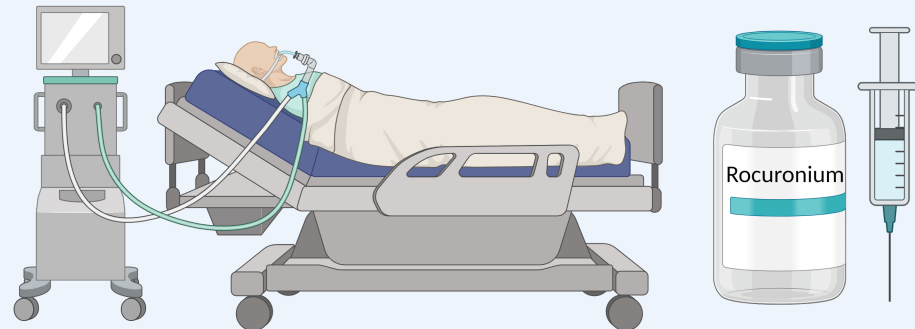


Mind the Gap: Estimated Duration of Inadequate Sedation Following Rapid Sequence Induction & Intubation in Critically Ill

Research Question
What is the prevalence and duration of sedation gaps in critically ill patients undergoing RSI?



Study Design

Retrospective, cross-sectional study in recipients of rocuronium for RSI (n = 80)



Study Results

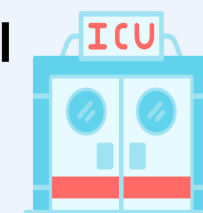
85% of patients experienced a sedation gap of any duration



Location of RSI

ED (55%)

ICU (43.8%)



Median sedation gap was **19 minutes** (IQR 4 - 47.5)



Presence of a pharmacist at bedside resulted in **1.5x higher likelihood** of initiating adequate, timely sedation



Median sedation gap **significantly lower** with pharmacist presence at bedside vs without (11 vs 40 min, $p = 0.012$)

In this critically ill cohort, there was a *substantial prevalence and duration of inadequate sedation* experienced after receiving rocuronium for bedside procedures.