

Supplement table 1. Table of data that will be extracted from the included trials.

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| <p>Trial characteristics</p> <p><i>Bias risks components</i></p> <p><i>Trial design (parallel, factorial or crossover)</i></p> <p><i>Trial period</i></p> <p><i>Number of trial sites</i></p> <p><i>Name of countries in which the trial was conducted</i></p> <p><i>Number of intervention arms</i></p> <p><i>Length of follow-up and</i></p> <p><i>Inclusion and exclusion criteria</i></p> |
| <p>Patients' characteristics and diagnosis</p> <p><i>Number of randomized participants</i></p> <p><i>Number of analyzed participants</i></p> <p><i>Number of participants lost to follow-up</i></p> <p><i>Mean age</i></p> <p><i>Age range</i></p> <p><i>Sex ratio</i></p> <p><i>Specific inclusion criteria based on the condition of the adult (eg, neurological injury, cardiac arrest, hemodynamically unstable, infection, trauma, respiratory failure, or other organ failure)</i></p> |
| <p>Experimental intervention characteristics</p> <p><i>Type of sedative drug</i></p> <p><i>Dose of sedation</i></p> <p><i>Duration of sedation</i></p> <p><i>Mode of administration</i></p> <p><i>Routines of sedation interruption and cessation</i></p> |
| <p>Control intervention characteristics</p> <p><i>Type of control intervention</i></p> <p><i>Dose of intervention</i></p> |

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| <i>Duration of intervention</i> <i>Mode of administration</i> <i>Defined target sedation depth</i> |
| Co-intervention characteristics <i>Type of co-intervention</i> <i>Dose of co-intervention</i> <i>Duration of co-intervention</i> <i>Mode of administration</i> |
| Outcomes <i>Primary and secondary outcomes specified and collected</i> <i>Time points reported</i> <i>Differences in planned and reported outcomes</i> |
| Notes (if available) <i>Type of depth of sedation measuring scales</i> <i>Funding of the trial and</i> <i>Notable conflicts of interest of trial authors</i> |