**Supplementary Materials**

Supplementary Figure 1. Funnel plots for identification of small study bias.

Supplementary Figure 2. Forest plot excluding cross-over studies.

Supplementary Figure 3. Forest plot with subgroup analyses for intubation rate

Supplementary Figure 4. Sensitivity plots.

Supplementary Figure 5. Forest plot with subgroup analyses for length of stay

Supplementary Figure 6. Forest plot excluding post-extubation studies.