Table C-10. Relative risk, additional opioids versus ketamine, Key Question 4

| **Outcome** | **Study Design and Sample Size** | **Setting: Supporting Effect Estimates and 95% Confidence Intervals** |
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| Key Question 4 – graded |  |  |
| Any adverse event | 1 RCT (n=135) | EMS: 1 RCT RR 0.36 (0.18 to 0.7) |
| Hypotension | 1 RCT (n=135) | EMS: 1 RCT RR 3.23 (0.13 to 77.87) |
| Mental status changes - GCS≤13 | 1 RCT (n=135) | EMS: 1 RCT RR 0.36 (0.04 to 3.36)  |
| Key Question 4 – additional findings |  |  |
| Nausea | 2 RCT (n=162) | EMS: Meta-analysis of 2 RCT RR 1.06 (0.19 to 5.83) |
| Vomiting | 2 RCT (n=162) | EMS: Meta-analysis of 2 RCT RR 0.24 (0.02 to 2.24) |
| Emergence delirium | 1 RCT (n=135) | EMS: 1 RCT RR 0.12 (0.01 to 2.18) |

Abbreviations: EMS=emergency medical services; GCS=Glasgow Coma Scale; OBS=observational; RCT=randomized controlled trial; RD=risk difference; vs=versus