Evidence Table D-41. Intensive care unit readmission outcomes for studies comparing interventions to treat delirium

| Author, year | Population | Intervention group, n | Control group, n | Route of administration | Outcome definition | n / N (%), intervention group | n / N (%), control group | Relative risk (95% CI) |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| First-generation antipsychotic vs. placebo |  |  |  |  |  |  |  |  |
| Girard, 2018[29](#_ENREF_29) | Patients over 18 years of age in the medical or surgical ICU, with delirium | Haloperidol (Mean dose: 11mg Dose range: 2.5-20mg), 192 | Placebo (Not reported), 184 | Intravenous | ICU Readmission, % patients | 27 / 192 (14%) | 23 / 184 (12%) | 1.13 (0.67 to 1.89) |
| Page, 2013[10](#_ENREF_10) | ICU patients needing MV within 72 hours of admission were enrolled | Haloperidol (Planned dose: 2.5mg), 71 | Placebo (Planned dose: 0.5ml), 70 | Intravenous | Readmission to ICU with sepsis | 1 / 71 (3%) | 1 / 70 (1%) | 0.99 (0.06 to 15.45) |
| Second-generation antipsychotic vs. placebo |  |  |  |  |  |  |  |  |
| Girard, 2018[29](#_ENREF_29) | Patients over 18 years of age in the medical or surgical ICU, with delirium | Ziprasidone (Mean dose: 20mg Dose range: 5.0-40mg), 190 | Placebo (Not reported), 184 | Intravenous | ICU Readmission, % patients | 18 / 190 (9%) | 23 / 184 (12%) | 0.76 (0.42 to 1.36) |
| First-generation antipsychotic vs. Second-generation antipsychotic |  |  |  |  |  |  |  |  |
| Girard, 2018[29](#_ENREF_29) | Patients over 18 years of age in the medical or surgical ICU, with delirium | Ziprasidone (Mean dose: 20mg Dose range: 5.0-40mg), 190 | Haloperidol (Mean dose: 11mg Dose range: 2.5-20mg), 192 | Intravenous | ICU Readmission, % patients | 18 / 190 (9%) | 27 / 192 (14%) | 0.67 (0.38 to 1.18) |

| Author, year | Population | Intervention group, n | Control group, n | Route of administration | Outcome definition | n / N (%), intervention group | n / N (%), control group | Relative risk (95% CI) |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| First-generation antipsychotic vs. other |  |  |  |  |  |  |  |  |
| Atalan, 2013[18](#_ENREF_18) | Post cardiac surgery patients with hyperactive type delirium | Haloperidol (Max dose: 20mg), 26 | Morphine sulfate (Max dose: 20mg), 27 | Intramuscular | Duration of ICU stay | 8 / 26 (30.8%) | 7 / 27 (25.9%) | 1.19 (0.50 to 2.80) |

CI=confidence interval; ICU=intensive care unit; mg=milligram; ml=milliliter; n=sample size