Evidence Table D-48. Binary cardiac outcomes for studies comparing interventions to treat delirium: single arm studies

| Author, year | Study design | Population | Control group, n | Route of administration | Outcome definition | n / N (%), control group | Measure of association |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Kim, 2003[40](#_ENREF_40) | Cohort w/o comparison group | Patients in the acute medical units | Quetiapine (Planned dose: 25 Mean dose: 93.75mg), 12 | Not reported | Fatal acute myocardial infarction | 1/12(0.00%) |  |
| Maneeton, 2007[48](#_ENREF_48) | Open-label study | All physically ill in-patients whose pcp consulted psychiatrists | Quetiapine (Mean dose: 45.7 (28.7) Max dose: 100 Dose range: 25-100mg), 17 | Oral | Hypotension | 2/17(11.76%) |  |
| Mittal, 2004[50](#_ENREF_50) | Cohort w/o comparison group | Hospitalized patients | Risperidone (Mean dose: 0.75mg) | Not reported | QTc interval, ms | Baseline: Mean 436 (SE 10) Final: 432 (SE 15) | Change from baseline: -4 |
| Mittal, 2004[50](#_ENREF_50) | Cohort w/o comparison group | Hospitalized patients | Risperidone (Mean dose: 0.75mg), 10 | Not reported | Treatment discontinued because of severe, aggressively treated congestive heart failure, bradycardia, and worsening of hypotension | 1/10(8.33%) |  |
| Omura, 2003[52](#_ENREF_52) | Cohort w/o comparison group | Hospitalized patients | Quetiapine (Mean dose: 54.7 Dose range: 25 to 125mg), 24 | Not reported | Hypotension | 0/24(0.00%) |  |
| Straker, 2006[58](#_ENREF_58) | Cohort w/o comparison group | Medically ill delirium patients | Aripiprazole (Mean dose: 8.9 Dose range: 5 to 15mg), 14 | Not reported | Cardiac arrest | 1/14(7.14%) |  |
| Straker, 2006[58](#_ENREF_58) | Cohort w/o comparison group | Medically ill delirium patients | Aripiprazole (Mean dose: 8.9 Dose range: 5 to 15mg), 14 | Not reported | Ventricular arrhythmias | 0/14(0.00%) |  |
| Straker, 2006[58](#_ENREF_58) | Cohort w/o comparison group | Medically ill delirium patients | Aripiprazole (Mean dose: 8.9 Dose range: 5 to 15mg) | Not reported | Prolongation in the qtc interval milliseconds | Baseline: Mean 442 (SD 44) Final: 434 (SD 22) | Change from baseline: -8 |
| Straker, 2006[58](#_ENREF_58) | Cohort w/o comparison group | Medically ill delirium patients | Aripiprazole (Mean dose: 8.9 Dose range: 5 to 15mg), 14 | Not reported | Prolongation in the qtc interval increase | 3/14(0.00%) |  |

Mg=milligram; N=sample size; QTc=corrected QT interval; SD=standard deviation; SE=standard error