| **PICO #4. Ketamine infusion plus structured multi-modal pain therapy per institutional protocol compared to no ketamine infusion but structured multi-modal pain therapy per institutional protocol for adults age >65 years old with ≥3 rib fractures and dyspnea or refractory pain**  **Bibliography:** | | | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Certainty assessment** | | | | | | | **Summary of findings** | | | | |
| **Participants (studies) Follow-up** | **Risk of bias** | **Inconsistency** | **Indirectness** | **Imprecision** | **Publication bias** | **Overall certainty of evidence** | **Study event rates (%)** | | **Relative effect (95% CI)** | **Anticipated absolute effects** | |
| **With no ketamine infusion but structured multi-modal pain therapy per institutional protocol** | **With ketamine infusion plus structured multi-modal pain therapy per institutional protocol** | **Risk with no ketamine infusion but structured multi-modal pain therapy per institutional protocol** | **Risk difference with ketamine infusion plus structured multi-modal pain therapy per institutional protocol** |
| **Pain** | | | | | | | | | | | |
| 150 (2 RCTs) | seriousa | not serious | seriousb | not serious | none | ⨁⨁◯◯ Low | 75 | 75 | - | The mean pain was **0** | MD **0.24 higher** (0.64 lower to 1.12 higher) |

**CI:** confidence interval; **MD:** mean difference

#### Explanations

a. Lack of standardization of pain control regimen in control group

b. Elderly patients excluded from one trial