**PRISMA 2009 Flow Diagram**

1. **Records identified through database searching** (n=831)
2. Additional records identified through other sources (n = 63)
3. Records after duplicates removed (n = 407)
4. Records screened (n = 407)
5. Records excluded (n = 330)
6. Full-text articles assessed for eligibility (n = 77)
7. Full-text articles excluded, with reasons (n = 70)
   - Non-randomized trials (n=11)
   - Adult population (n=3)
   - Sub-dissociative dose ketamine (n=9)
   - Outcomes unrelated to procedural sedation and analgesia (n=24)
   - Anesthetic premedication (n=23)
8. Studies included in qualitative synthesis (n=7)
9. Studies included in quantitative synthesis (meta-analysis) (n = 0)


For more information, visit [www.prisma-statement.org](http://www.prisma-statement.org).