1319 Citations from literature search

69 Studies retrieved for full evaluation

Excluded due to:
- No comparator group/clinical outcomes - 27 [38-64]
- Not pharmacodynamic - 10 [65-74]
- In vitro or Monte Carlo simulation - 7 [75-81]
- Duplicate publication - 2 [82,83]
- Review article - 2 [84,85]

21 Studies retained for meta-analysis [12-28,34-37]

5 Additional studies identified from hand search of references [29-33]

26 Studies included in meta-analysis
- 13 Randomized controlled trials [12-22,29,32]
- 13 Cohort studies [23-28,30-31,33-37]