

How to read a forest plot

Multi-dose Inhaler (MDI) vs. nebulizer for albuterol administration for asthma exacerbation,
Outcome: Hospitalization

Included Studies

| Study or Subgroup | MDI | | Nebulizer | | Weight | Odds Ratio M-H, Fixed, 95% |
|-----------------------|--------|------------|-----------|------------|---------------|-------------------------------|
| | Events | Total | Events | Total | | |
| Jamalvi 2006 | 4 | 84 | 7 | 66 | 43.6% | 0.42 [0.12, 1.51] |
| Rotta 2010 | 14 | 25 | 14 | 21 | 39.1% | 0.64 [0.19, 2.12] |
| Schuh 1999 | 4 | 60 | 2 | 30 | 14.5% | 1.00 [0.17, 5.79] |
| Vangveeravong 2008 | 1 | 18 | 0 | 18 | 2.7% | 3.17 [0.12, 83.17] |
| Total (95% CI) | | 187 | | 135 | 100.0% | 0.66 [0.32, 1.39] |

Total events: MDI 23, Nebulizer 23
 Heterogeneity: $\chi^2 = 1.58, df = 3 (P = 0.66); I^2 = 0\%$
 Test for overall effect: $Z = 1.09 (P = 0.28)$

I^2 statistic, a measure of heterogeneity < 50% is desired

