

openMetaAnalysis: Reconciliation of conclusions

Table. Reconciliation of studies included in the current meta-analysis was compared with prior meta-analyses. This comparison has been recommended as a routine part of meta-analyses by Riaz, 2016*.

| | Current | Andriolo, 2017 PMID 28099689 | Westwood PMID 26569153 | Prkno PMID 24330744 |
|---|--|---|--|--|
| Duration of antibiotics | Reduces by 1.8 days if control group duration is 7 days ore more | evidence of very low to moderate quality...does not clearly support the use of procalcitonin-guided antimicrobial therapy | "limited available data suggest that PCT testing may be effective" | "helpful approach to guide antibiotic therapy" |
| Heterogeneity | 79% | 86% | 95% | 0% |
| Mortality | 0.89 (0.79 - 1.00) | 0.92(0.81-1.05) | "No study reported a statistically significant difference" | "without a beneficial effect on mortality" |
| Heterogeneity | 17% | 11% | Not reported | 0% |
| Comments | | | | |
| Notes: * Riaz IB, Badgett RG. Comment on: Epidural Corticosteroid Injections for Radiculopathy and Spinal Stenosis. Ann Intern Med. 2016 May 3;164(9):634-5. PMID: 27136216 | | | | |