

Pubmed search:

("Enterocolitis, Necrotizing"[Mesh] OR "necrotizing enterocolitis" OR "necrotising enterocolitis") AND ("Ultrasonography"[Mesh] OR ultrasonograph* OR sonograph* OR ultrasound*) AND (English[lang])

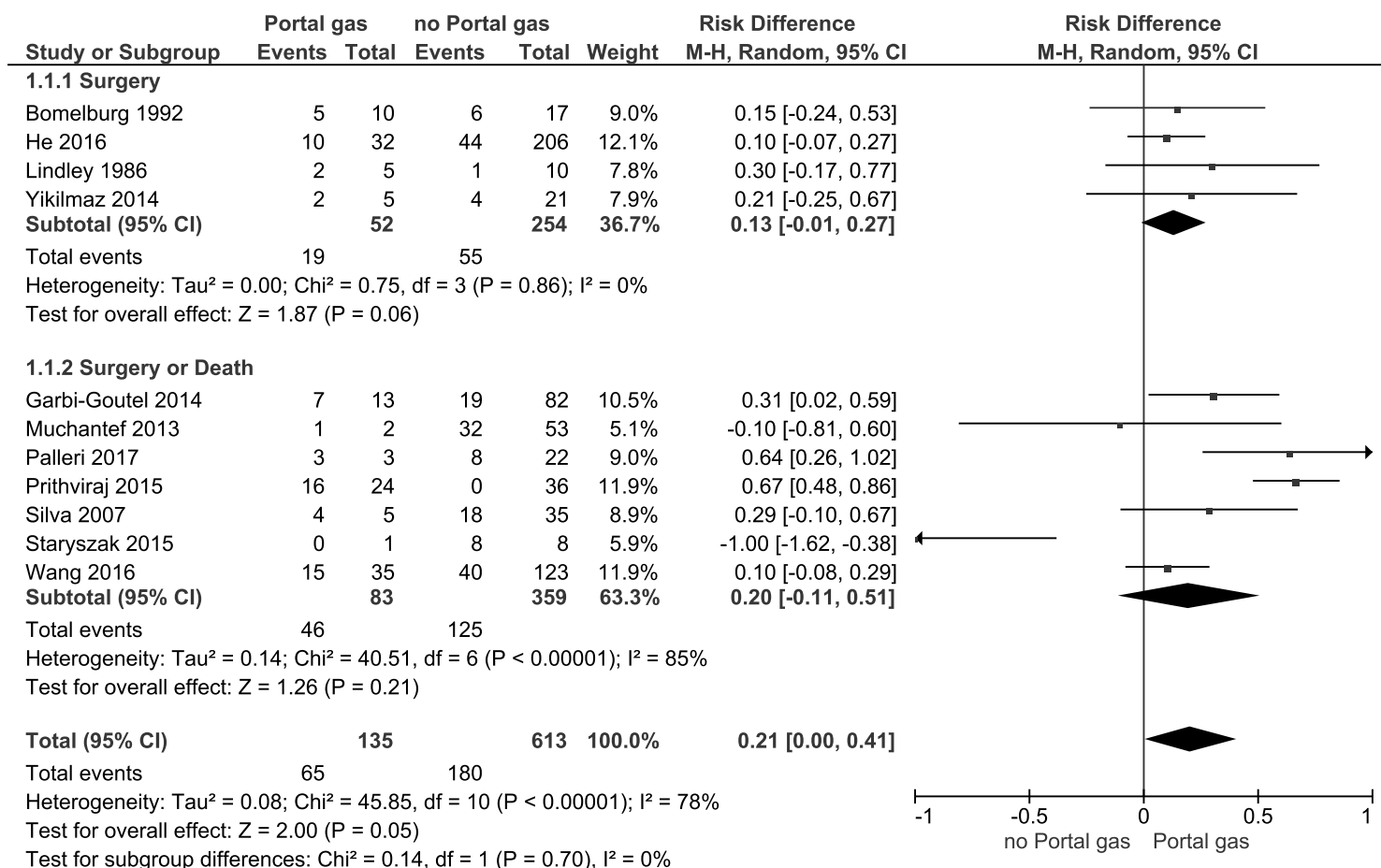
CINAHL search:

((MH "Enterocolitis, Necrotizing") OR "necrotizing enterocolitis" OR "necrotising enterocolitis") AND ((MH "Ultrasonography") OR ultrasonograph* OR sonograph* OR ultrasound*) AND Limiters – English Language, Expanders – Apply related words; Also search within the full text of the articles; Apply equivalent subjects

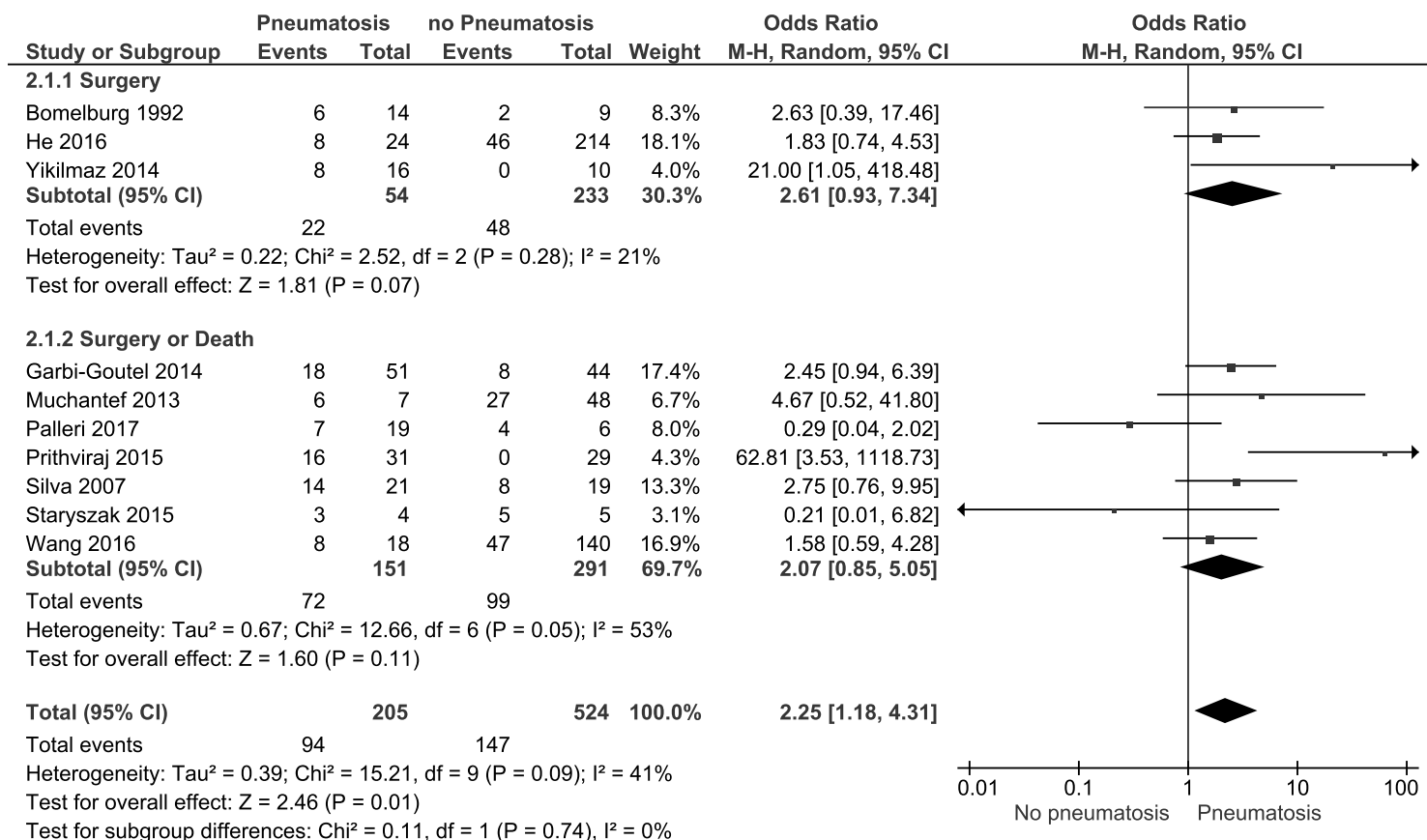
Embase search:

(‘necrotizing enterocolitis’/exp OR ‘necrotizing enterocolitis’ OR ‘necrotising enterocolitis’/exp OR ‘necrotising enterocolitis’) AND (ultrasonograph* OR sonograph* OR ultrasound*) AND [English]/lim AND [embase]/lim NOT [medline]/lim

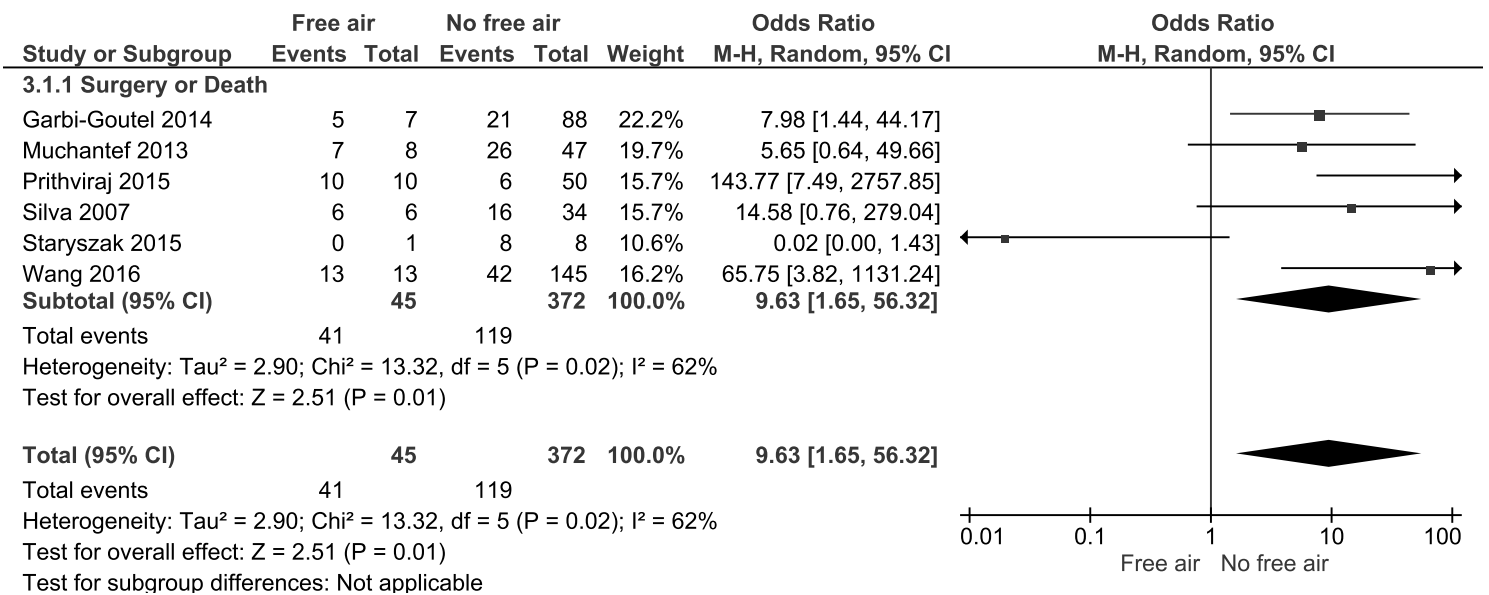
Online Resource 1: Search strategy for Pubmed, CINAHL, and Embase.



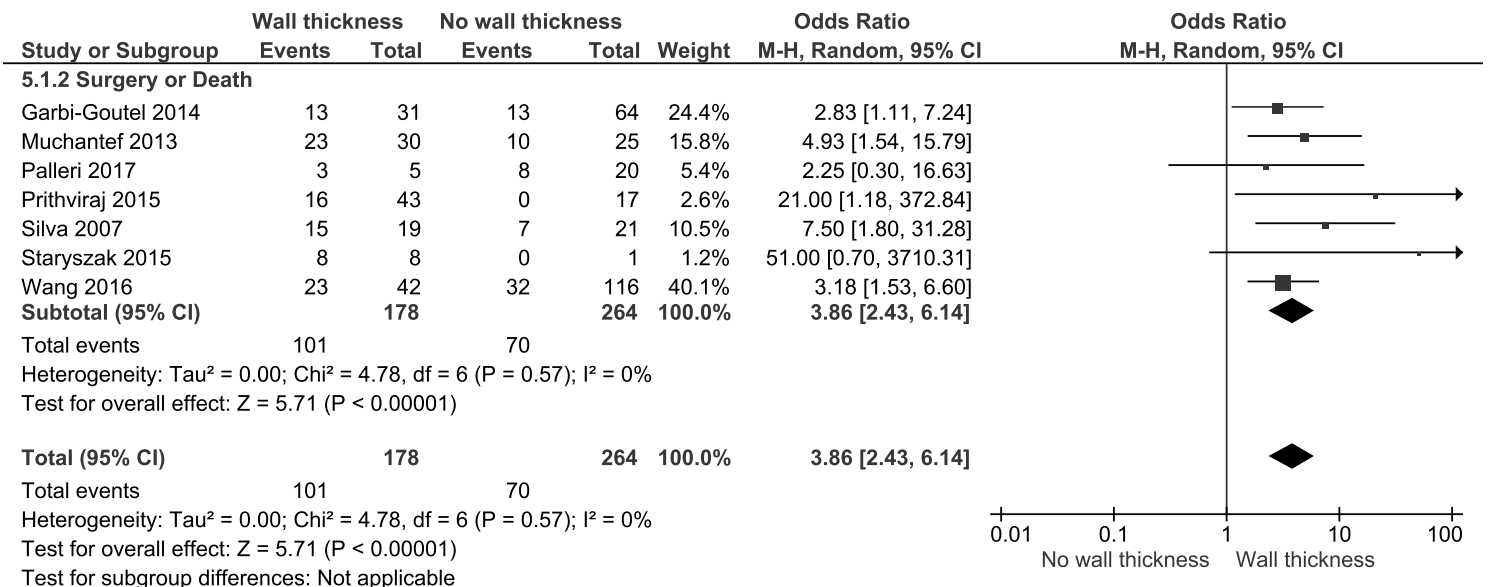
Online Resource 2: Forest plots for association of portal venous gas with surgery and surgery or death. Event refers to either surgery or surgery or death. Odds ratios (95% confidence intervals) for each study are denoted by boxes (lines and arrows). Combined odds ratio estimate for all studies is represented by the diamond. Tau-squared (Tau²) >1, Cochran Q (Chi²) P<0.1, and inconsistency (I²) ≥50% suggests substantial statistical heterogeneity. Z score with P<0.05 indicates test for overall effect was statistically significant. CI = confidence interval. M-H = Mantel-Haenszel test.



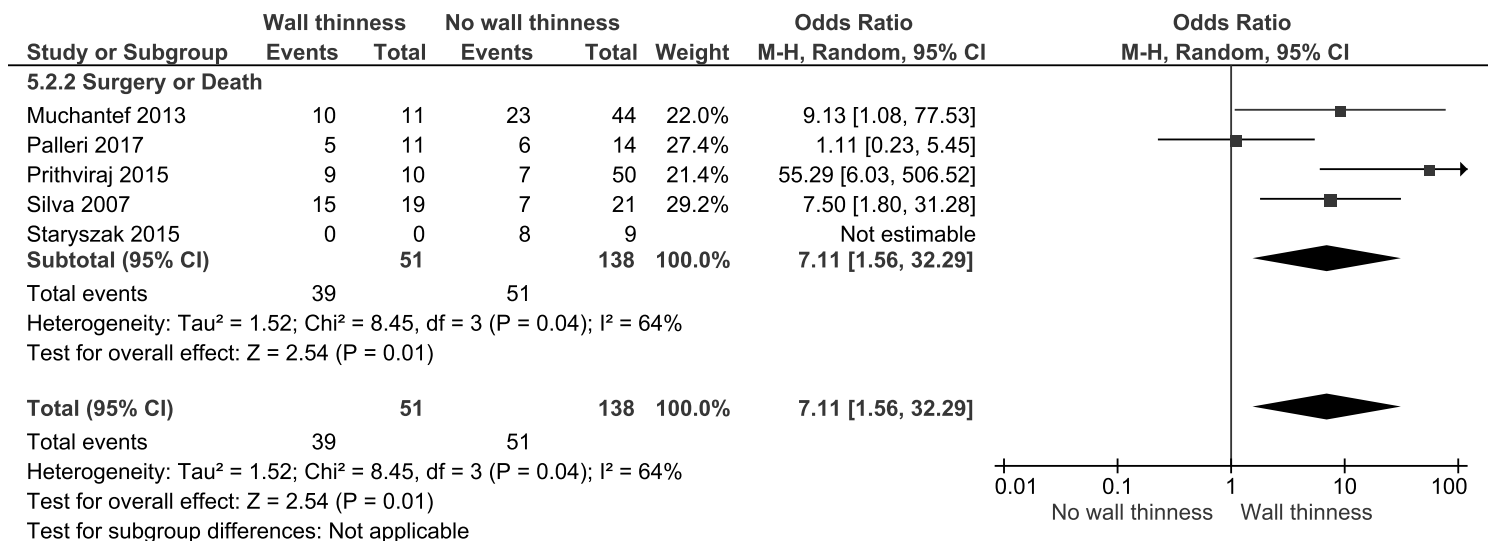
Online Resource 3: Forest plots for association of pneumatosis with surgery and surgery or death. See Online Resource 2 legend for an explanation of symbols and statistics.



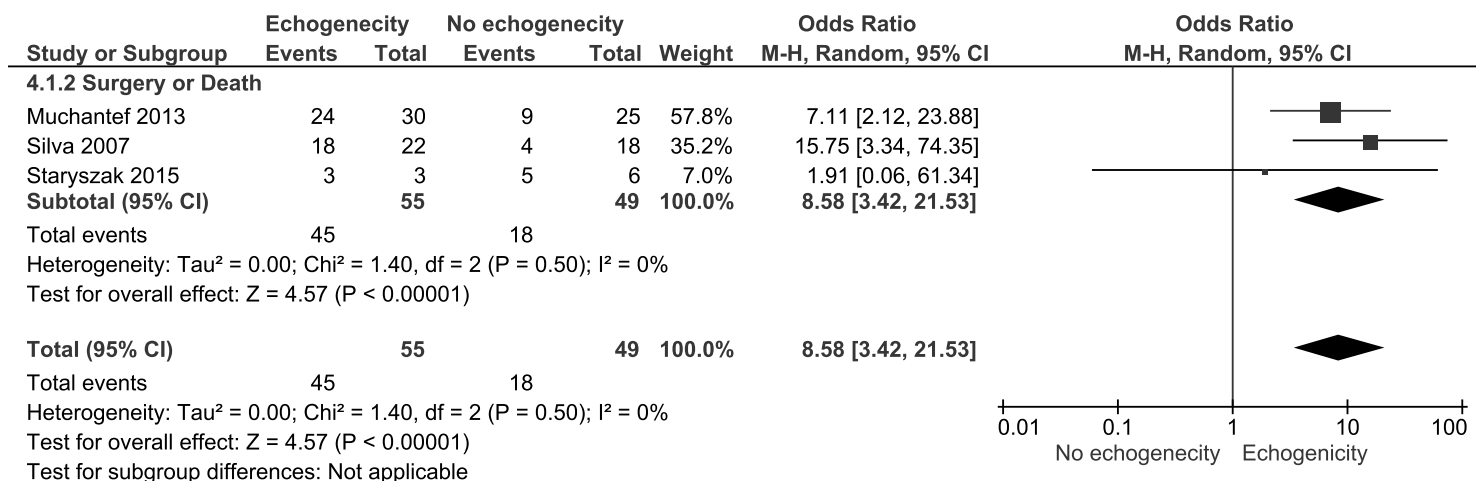
Online Resource 4: Forest plot for association of free air with surgery or death in NEC. See Online Resource 2 legend for an explanation of symbols and statistics.



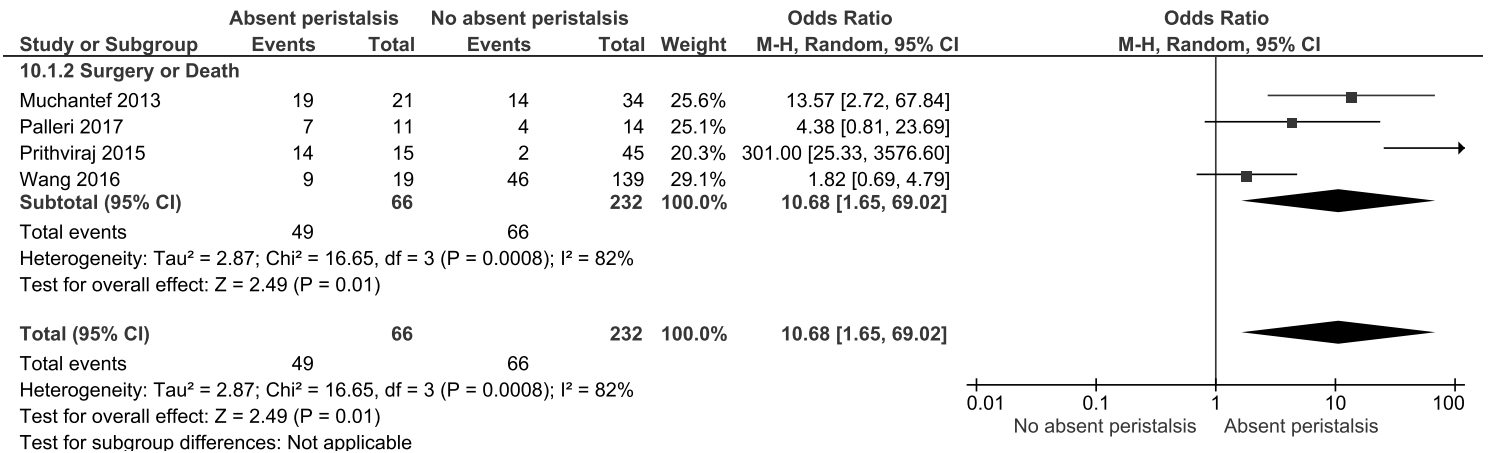
Online Resource 5: Forest plot for association of bowel wall thickening with surgery or death. See Online Resource 2 legend for an explanation of symbols and statistics.



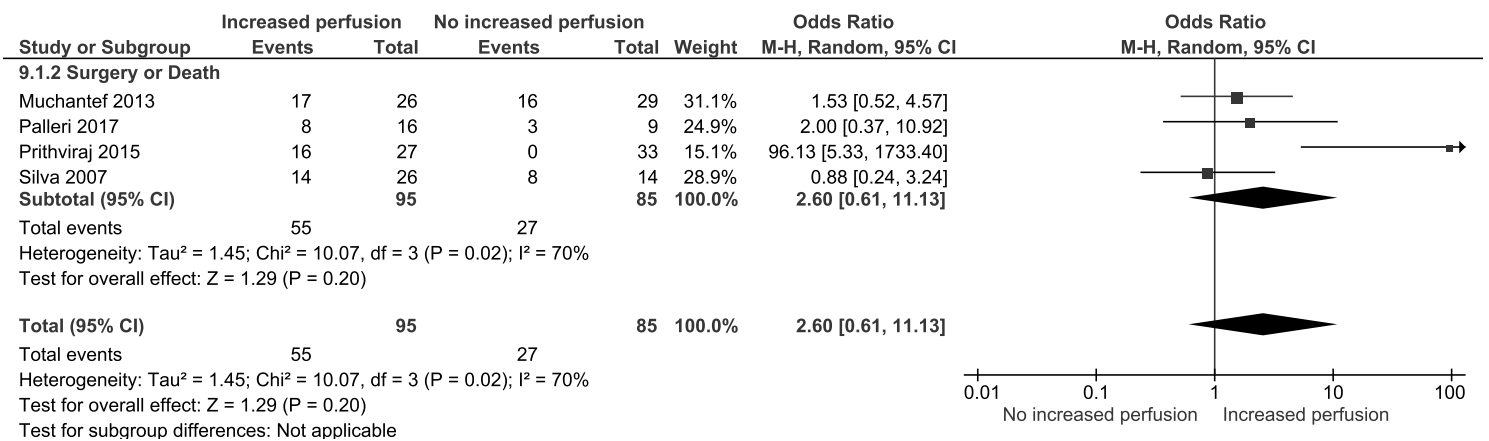
Online Resource 6: Forest plot for association of bowel wall thinning with surgery or death. See Online Resource 2 legend for an explanation of symbols and statistics.



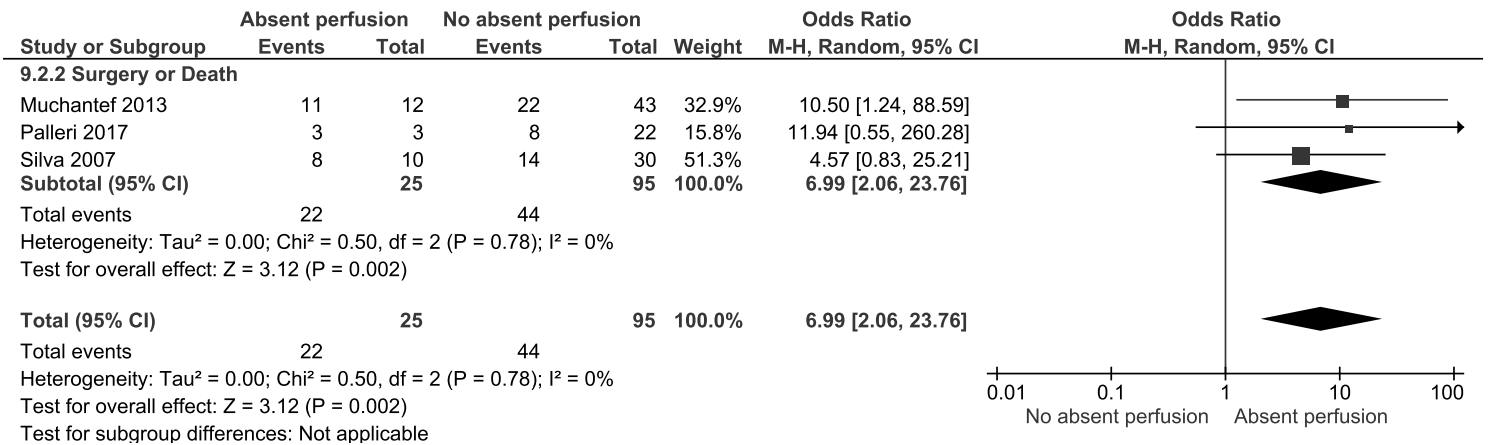
Online Resource 7: Forest plot for association of increased bowel wall echogenicity with surgery or death. See Online Resource 2 legend for an explanation of symbols and statistics.



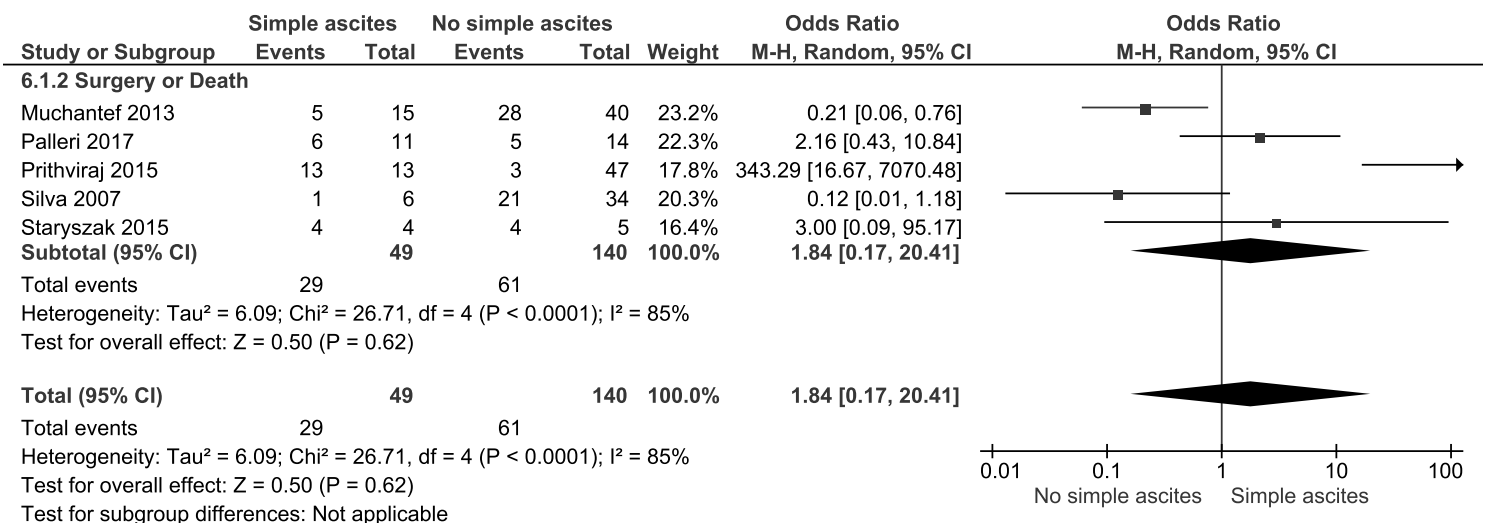
Online Resource 8: Forest plot for association of absent peristalsis with surgery or death. See Online Resource 2 legend for an explanation of symbols and statistics.



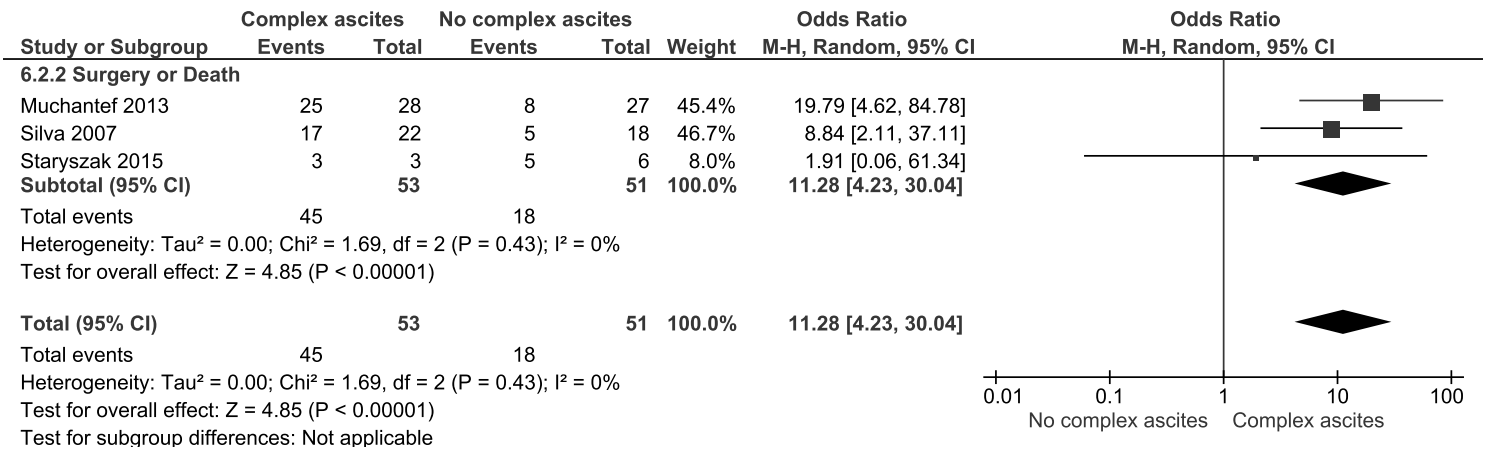
Online Resource 9: Forest plot for association of increased bowel perfusion with surgery or death. See Online Resource 2 legend for an explanation of symbols and statistics.



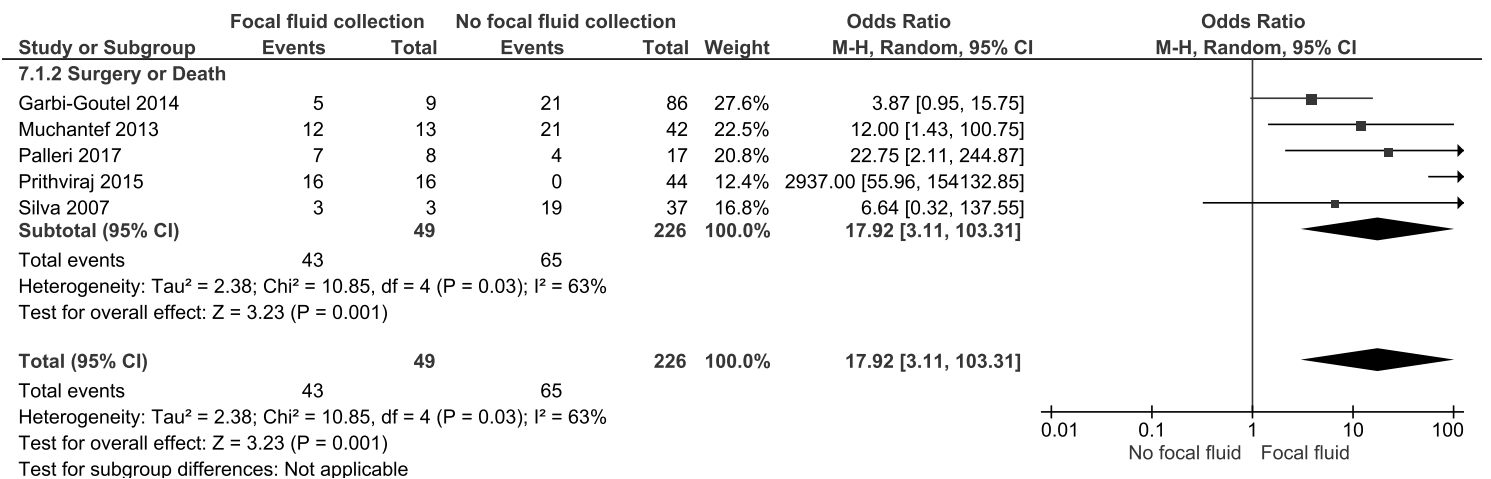
Online Resource 10: Forest plot for association of absent perfusion with surgery or death. See Online Resource 2 legend for an explanation of symbols and statistics.



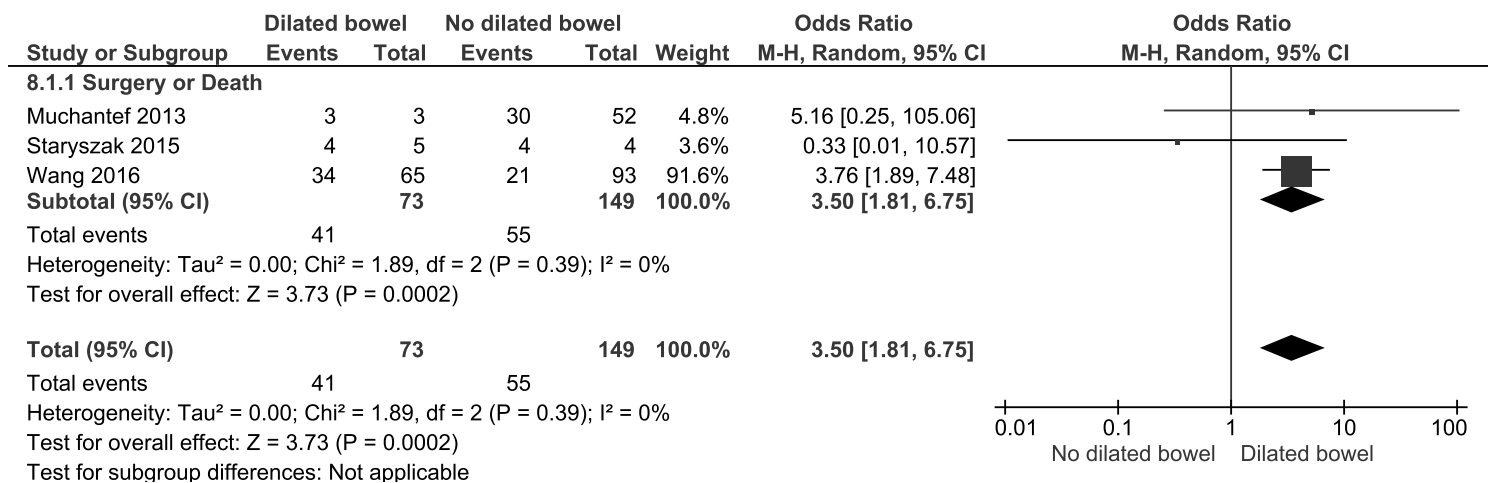
Online Resource 11: Forest plot for association of simple ascites with surgery or death. See Online Resource 2 legend for an explanation of symbols and statistics.



Online Resource 12: Forest plot for association of complex ascites with surgery or death. See Online Resource 2 legend for an explanation of symbols and statistics.



Online Resource 13: Forest plot for association of focal fluid collection with surgery or death. See Online Resource 2 legend for an explanation of symbols and statistics.



Online Resource 14: Forest plots for association of dilated bowel with surgery or death. See Online Resource 2 legend for an explanation of symbols and statistics.