

Appendix 10: Subgroup analysis for risk of bias for clinically important gastrointestinal bleeding and overt gastrointestinal bleeding

Table 1 Low versus high risk of bias results for sequence generation for clinically important gastrointestinal bleeding

Comparison	Low risk of bias result	High risk of bias result	Subgroup difference (p value)
PPIs versus placebo	All are low risk of bias		
H2RAs versus placebo	All are low risk of bias		
Sucralfate versus placebo	All are low risk of bias		
PPIs versus H2RAs	All are low risk of bias		
PPIs versus sucralfate	All are low risk of bias		
H2RAs versus sucralfate	All are low risk of bias		

Table 2 Low versus high risk of bias results for missing outcome data for clinically important gastrointestinal bleeding

Comparison	Low risk of bias result	High risk of bias result	Subgroup difference (p value)
PPIs versus placebo	All are low risk of bias		
H2RAs versus placebo	0.38 (0.19, 0.73)	0.84 (0.32, 2.17)	0.17
Sucralfate versus placebo	0.73 (0.33, 1.60)	1.26 (0.07, 21.27)	0.72
PPIs versus H2RAs	0.37 (0.19, 0.71)	0.58 (0.17, 2.04)	0.53
PPIs versus sucralfate	All are low risk of bias		
H2RAs versus sucralfate	0.71 (0.43, 1.17)	1.29 (0.46, 3.59)	0.30

Table 3 Low versus high risk of bias results for sequence generation for overt gastrointestinal bleeding

Comparison	Low risk of bias result	High risk of bias result	Subgroup difference (p value)
PPIs versus placebo	All studies were at low risk of bias		
H2RAs versus placebo	0.39 (0.25, 0.62)	0.11 (0.01, 0.86)	0.23
Sucralfate versus placebo	All studies were at low risk of bias		
PPIs versus H2RAs	0.43 (0.25, 0.76)	0.26 (0.01, 6.77)	0.77
PPIs versus sucralfate	All studies were at low risk of bias		
H2RAs versus sucralfate	All studies were at low risk of bias		

Table 4 Low versus high risk of bias results for missing outcome data for overt gastrointestinal bleeding

Comparison	Low risk of bias result	High risk of bias result	Subgroup difference (p value)
PPIs versus placebo	0.58 (0.45, 0.75)	0.22 (0.09, 0.54)	0.04*
H2RAs versus placebo	0.29 (0.17, 0.50)	0.73 (0.33, 1.60)	0.06
Sucralfate versus placebo	0.55 (0.27, 1.13)	1.26 (0.07, 21.27)	0.58
PPIs versus H2RAs	0.36 (0.22, 0.59)	0.82 (0.32, 2.13)	0.13
PPIs versus sucralfate	All studies were at low risk of bias		
H2RAs versus sucralfate	1.40 (0.79, 2.48)	1.07 (0.64, 1.78)	0.49

*Important difference between low and high risk of bias result, so we used low risk of bias result as best estimate.

Subgroup analysis for concealment/blinding for clinically important gastrointestinal bleeding in table 1.

Subgroup analysis for concealment/blinding for overt gastrointestinal bleeding in table 4.

All studies are at low risk of bias for other bias.