

**CQ22-1 (GRADE)**

**P: Patients in intensive care units**

**I: Use of anti-ulcer drugs**

**C: Not use of anti-ulcer drugs or use of placebo**

**O: Gastrointestinal bleeding, mortality (hospital), pneumonia, Clostridioides difficile infection, serious adverse events**

Certainty assessment							№ of patients		Effect		Certainty	Importance
№ of studies	Study design	Risk of bias	Inconsistency	Indirectness	Imprecision	Other considerations	Treatment	Placebo	Relative (95% CI)	Absolute (95% CI)		
<b>Gastrointestinal bleeding (All RCT)</b>												
28	randomised trials	serious	serious	not serious	not serious	none	202/3530 (5.7%)	285/2955 (9.6%)	<b>RR 0.50</b> (0.37 to 0.68)	<b>48 fewer per 1,000</b> (from 61 fewer to 31 fewer)	⊕⊕○○ Low	CRITICAL
<b>Gastrointestinal bleeding (Low RoB RCT)</b>												
14	randomised trials	not serious	serious	not serious	not serious	none	81/2558 (3.2%)	169/2326 (7.3%)	<b>RR 0.39</b> (0.25 to 0.62)	<b>44 fewer per 1,000</b> (from 54 fewer to 28 fewer)	⊕⊕⊕○ Moderate	CRITICAL
<b>Pneumonia (Low RoB RCT)</b>												
8	randomised trials	not serious	not serious	not serious	not serious	none	328/2244 (14.6%)	302/2042 (14.8%)	<b>RR 1.03</b> (0.89 to 1.19)	<b>4 more per 1,000</b> (from 16 fewer to 28 more)	⊕⊕⊕⊕ High	CRITICAL
<b>Mortality (Low RoB RCT)</b>												
8	randomised trials	not serious	not serious	not serious	not serious	none	593/2243 (26.4%)	562/2071 (27.1%)	<b>RR 1.01</b> (0.92 to 1.12)	<b>3 more per 1,000</b> (from 22 fewer to 33 more)	⊕⊕⊕⊕ High	CRITICAL
<b>Serious adverse event</b>												
7	randomised trials	not serious	not serious	not serious	serious	none	84/2156 (3.9%)	72/1987 (3.6%)	<b>RR 1.13</b> (0.83 to 1.54)	<b>5 more per 1,000</b> (from 6 fewer to 20 more)	⊕⊕⊕○ Moderate	CRITICAL
<b>Clostridioides difficile infection</b>												
3	randomised trials	not serious	not serious	not serious	serious	none	21/1807 (1.2%)	28/1800 (1.6%)	<b>RR 0.75</b> (0.42 to 1.31)	<b>4 fewer per 1,000</b> (from 9 fewer to 5 more)	⊕⊕⊕○ Moderate	CRITICAL

	JUDGEMENT						
PROBLEM	No	Probably no	<b>Probably yes</b>	Yes		Varies	Don't know
DESIRABLE EFFECTS	Trivial	<b>Small</b>	Moderate	Large		Varies	Don't know
UNDESIRABLE EFFECTS	Large	Moderate	Small	<b>Trivial</b>		Varies	Don't know
CERTAINTY OF EVIDENCE	Very low	Low	<b>Moderate</b>	High			No included studies
VALUES	Important uncertainty or variability	Possibly important uncertainty or variability	<b>Probably no important uncertainty or variability</b>	No important uncertainty or variability			
BALANCE OF EFFECTS	Favors the comparison	Probably favors the comparison	Does not favor either the intervention or the comparison	<b>Probably favors the intervention</b>	Favors the intervention	Varies	Don't know
ACCEPTABILITY	No	Probably no	<b>Probably yes</b>	Yes		Varies	Don't know
FEASIBILITY	No	Probably no	Probably yes	<b>Yes</b>		Varies	Don't know