

## Online Resource 6 - GRADE

Certainty assessment							Summary of findings		
Participants (studies) Follow up	Risk of bias	Inconsistency	Indirectness	Imprecision	Publication bias	Overall certainty of evidence	Study event rates (%)		Relative effect (95% CI)*
							With placebo	With Dex	

### Intraoperative bradycardia

707 (10 RCTs)	serious <sup>a</sup>	not serious	not serious	not serious <sup>b</sup>	none	⊕⊕⊕○ MODERATE	2/324 (0.6%)	26/383 (6.8%)	<b>RR 2.81</b> (1.34 to 5.91)
------------------	----------------------	-------------	-------------	--------------------------	------	------------------	-----------------	------------------	----------------------------------

### Intraoperative Hypotension

647 (9 RCTs)	serious <sup>a</sup>	not serious	not serious	not serious <sup>c</sup>	none	⊕⊕⊕○ MODERATE	8/294 (2.7%)	26/353 (7.4%)	<b>RR 1.96</b> (0.99 to 3.86)
-----------------	----------------------	-------------	-------------	--------------------------	------	------------------	-----------------	------------------	----------------------------------

### Mean arterial pressure at intubation

671 (11 RCTs)	serious <sup>a</sup>	not serious	not serious	very serious <sup>d</sup>	none	⊕○○○ VERY LOW	336	335	-
------------------	----------------------	-------------	-------------	---------------------------	------	------------------	-----	-----	---

### Systolic hypotension at intubation

397 (5 RCTs)	serious <sup>a</sup>	not serious	not serious	very serious <sup>e</sup>	none	⊕○○○ VERY LOW	169	228	-
-----------------	----------------------	-------------	-------------	---------------------------	------	------------------	-----	-----	---

### Heart Rate at intubation

811 (13 RCTs)	serious <sup>a</sup>	not serious	not serious	very serious <sup>d</sup>	none	⊕○○○ VERY LOW	406	405	-
------------------	----------------------	-------------	-------------	---------------------------	------	------------------	-----	-----	---

**CI:** Confidence interval; **RR:** Risk ratio; **MD:** Mean difference; **SMD:** Standardised mean difference

## Explanations

\* with continuity correction

a. Most information are from studies at moderate risk of bias.

b.  $I^2 = 0\%$ ,  $p < 0.01$ .

c.  $I^2 = 0\%$ ,  $p = 0.09$ .

d.  $I^2 = 95\%$ ,  $p < 0.01$ .

e.  $I^2 = 98\%$ ,  $p = 0.02$ .