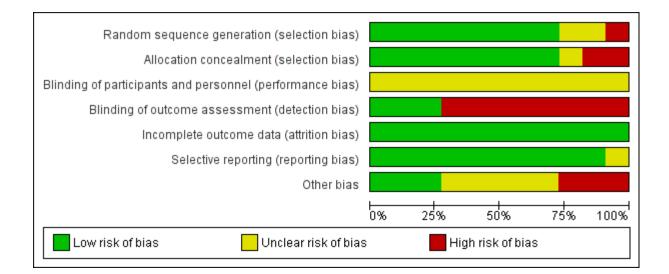


## F1. Assessment of risk of bias in included trials



## F2 Forrest plot based on aggregate data

	PCT-guided care		Controls		Odds Ratio			Odds Ratio
Study or Subgroup	Events	Total	Events	Total	Weight	M-H, Random, 95% Cl	Year	M-H, Random, 95% Cl
1.1.3 Intensive care unit trials								
Nobre 2008	8	39	8	40	1.6%	1.03 [0.34, 3.09]	2008	
Schroeder 2009	3	14	3	13	0.6%	0.91 [0.15, 5.58]	2009	
Hochreiter 2009	15	57	14	53	2.7%	0.99 [0.43, 2.32]	2009	
Bouadma 2010	65	307	64	314	13.0%	1.05 [0.71, 1.55]	2010	+
Layios 2012	56	258	53	251	10.9%	1.04 [0.68, 1.58]	2012	+
Oliveira 2013	16	49	15	45	2.6%	0.97 [0.41, 2.29]	2013	
Annane 2013	7	30	10	28	1.5%	0.55 [0.17, 1.72]	2013	
Deliberato 2013	2	42	4	39	0.6%	0.44 [0.08, 2.54]	2013	
Shehabi 2014	30	196	26	198	6.1%	1.20 [0.68, 2.11]	2014	- <del></del>
Bloos 2016	140	552	149	537	26.9%	0.88 [0.68, 1.16]	2016	+
De Jong 2016	149	761	196	785	33.5%	0.73 [0.57, 0.93]	2016	
Subtotal (95% CI)		2305		2303	100.0%	0.88 [0.76, 1.01]		•
Total events	491		542					
Heterogeneity: Tau <sup>2</sup> = 0.00; Chi <sup>2</sup> = 6.21, df = 10 (P = 0.80); i <sup>2</sup> = 0%								
Test for overall effect:	Z = 1.85 (P =	0.06)						
Total (95% CI)		2305		2303	100.0%	0.88 [0.76, 1.01]		•
Total events 491 542 Heterogeneity: Tau <sup>2</sup> = 0.00; Chi <sup>2</sup> = 6.21, df = 10 (P = 0.80); l <sup>2</sup> = 0% Test for overall effect: Z = 1.85 (P = 0.06) Test for subgroup differences: Not applicable								0.005 0.1 1 10 200 Favours PCT-guided care Favours controls

## F3 Funnel plots regarding possible publication bias

