

Reconciliation of studies included

	Year	PMID	Current	Lam, 2018 PMID 29293146	Iankova, 2017 PMID 29271844	Huang, 2017 PMID 29168046	Andriolo (Cochrane), 2017 PMID 28099689
Svoboda	2007	17523274	Yes (mortality only)		No	Yes	Yes (mortality only)
Nobre	2008	18096708	Yes (converted median days to mean days)	Yes	Yes	Yes	Yes (mortality only)
Schoeder	2009	19034493	Yes	Yes	Yes	Yes	Yes
Hochreiter	2009	19493352	Yes	Yes	Yes	Yes	Yes
Stolz	2009	19797133	No (ventilator-acquired pneumonia only)	Yes	No	Yes	No
Bouadma (PRORATA)	2009	20097417	No (unclear proportion of patients with sepsis)	Yes	Yes	Yes	Yes (mortality only)
Jensen	2011	21572328	No (unclear proportion of patients with sepsis)	Yes	No	Yes	Yes (mortality only)
Qu	2012	22485232	No (pancreatitis only)	No	No	No	No
Layios	2012	22809906	Yes (mortality only)	Yes	Yes	Yes	Yes (mortality only)
Annane	2013	23418298	Yes (converted median days to mean days)	Yes	Yes	Yes	Yes (mortality only)
Deliberato	2013	23711530	Yes (converted median days to mean days)	Yes	Yes	Yes	Yes (mortality only)
Dharaniyadewi	2013	NA	Yes (mortality only)		No	No	Yes (mortality only)
Ding	2013	23781136	No (idiopathic pulmonary fibrosis only)	Yes	No	No	No
Oliveira	2013	23921272	Yes	Yes	No	No	Yes
Liu	2013	24225216	Yes	No	No	No	Yes
Shehabi (ProGUARD)	2014	25295709	Yes	Yes	Yes	Yes	Yes (mortality only)

Najafi	2015	26553084	No (unclear proportion of patients with sepsis)	Yes (according to supplement, but not in a forest plot)			
de Jong	2016	26947523	Yes	Yes	Yes	Yes	NA
Bloos	2016	27428731	Yes	Yes	No	Yes	NA