Suplementary Table 3 – Summary of the studies characteristics non included in the meta-analysis with reasons

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Reference | Country | Intervention | Control | Brushing | Patients | Blindness | Age | Reason for not include |
| (Cabov *et al.*, 2010) (1) | Croatia | 0.2% gel (3x/day) | Placebo | No | General ICU | Double | Adults | Outcomes for patients intubated for at least 48 hours were not clear or available |
| (Deriso *et al.*, 1996) (2) | USA | 0.12% solution (twice/day) | Placebo | No | Cardiac surgery | Double | Adults | Outcomes for patients intubated for at least 48 hours were not clear or available |
| (Fourrier *et al.*, 2000) (3) | France | 0.2% gel (3x/day) | Sodium bicarbonate | No | General ICU | Single | Adults | Outcomes for patients intubated for at least 48 hours were not clear or available |
| (Fourrier *et al.*, 2005) (4) | France | 0.2% gel (3x/day) | Placebo | No | General ICU | Double | Adults | Outcomes for patients intubated for at least 48 hours were not clear or available |
| (Grap *et al.*, 2011) (5) | USA | 0.12% solution (Once 12 hrs prior intubation; 5mL) | Usual care | No | General ICU | Open | Adults | Pre-operative CHX application |
| (Jácomo *et al.*, 2011) (6) | Brazil | 0.12% solution (Once 12 hrs prior intubation; 5mL) then twice a day | Placebo | No | Pediatric ICU | Open | Children | Patients in the pediatric ICU |
| (Kusahara *et al.*, 2012) (7) | Brazil | 0.12% gel | Placebo | Yes | General ICU | Double | Children | Patients in the pediatric ICU |
| (Lin *et al.*, 2015) (8) | China | 0.2% solution  (4x/day) | Placebo | Yes | Cardiac ICU | Single | Adults | Outcomes for patients intubated for at least 48 hours were not clear or available |
| (Munro *et al.*, 2009) (9) | USA | 0.12% solution (twice/day; 5mL) | Usual care | No | General ICU | Open | Adults | Outcomes for patients intubated for at least 48 hours were not clear or available |
| (Macnaughton *et al.*, 2004) (10) | England | 0.2% solution (twice/day) | Placebo | No | General ICU | Double | Adults | Article only in the abstract form |
| (Sebastian *et al.*, 2012) (11) | India | 1% gel  (3x/day) | Placebol | No | General ICU | Double | Children | Patients in the pediatric ICU |

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Forest plot including Cardiac patients

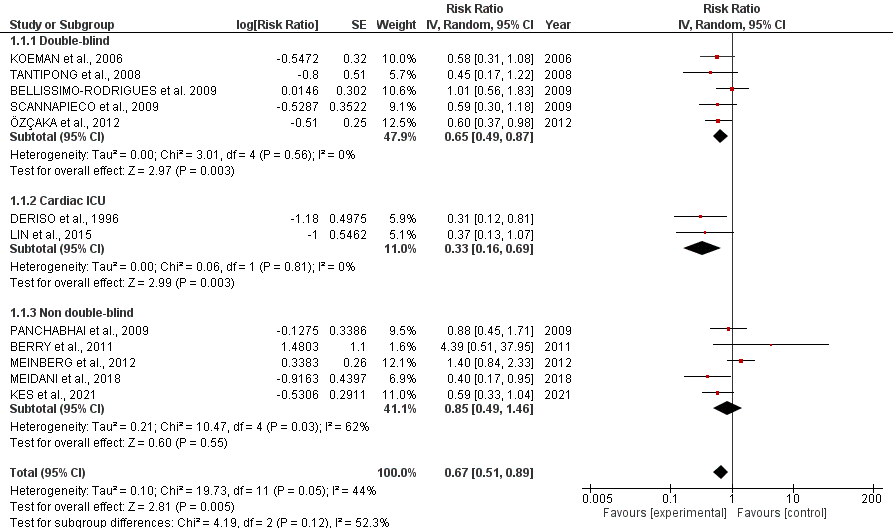


Figure- Forest plot of VAP incidence including all studies

