Critical Care

CORRECTION
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Correction to: The effect of corticosteroids on the mortality of patients with influenza pneumonia: a systematic review and meta-analysis

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After publication of our article [1], we were made aware of some errors in our figures and tables. There have been no changes to the interpretation of the results, conclusions and applications of our article.

In Fig. 2 and Fig. 3, for Perez-Padilla 2009, the events/total in the corticosteroids and control groups should be 3/5 and 4/13, respectively, instead of 4/7 and 8/11 in the original article. For Viasus 2011, the events/total in the corticosteroids and control groups should be 3/37 and 4/160, respectively, instead of 3/37 and 7/160 in the original article. Thus, in our final systematic review and meta-analysis, 2,562 patients were treated with corticosteroids and 3,986 with non-corticosteroids. The statistical heterogeneity in the analysis of the effect of corticosteroids on mortality should be (I^2=83%, P<0.00001), instead of (I^2=84%, P<0.00001) in the original article. And, the results of the analysis about mortality should be (RR 1.91, 95% CI 1.42~2.55, Z=4.33, P<0.0001), instead of (RR 1.75, 95% CI 1.30~2.36, Z=3.71, P=0.0002). Similarly, the results of the subgroup mortality in H1N1 patients should be (RR 1.92, 95% CI 1.23~3.02, Z=2.85, P=0.004), rather than (RR 1.69, 95% CI 1.15~2.47, Z=2.68, P=0.007).

Otherwise, Lee 2014 should be Lee 2015.

In Fig. 5, the SD for the corticosteroids and control groups in Brun-Buisson's study should be 19.26 and 14.07, respectively, instead of 14.07 and 19.26 in the original article. Thus, the statistical heterogeneity of the analysis on ICU LOS should be (I^2= 30%, P=0.23), instead of (I^2=38%, P=0.21). And the result of this analysis should be (MD 2.12, 95% CI 1.15~3.09, Z=4.30, P<0.0001), rather than (MD 2.14, 95% CI 1.17~3.10, Z=4.35, P<0.0001) in the original article.

In Fig. 6, the study ID "Dias 2012" should be "Viasus 2011".

In table 1, the antiviral drug in Lee's study should be NR.

In table 2, for Brun-Buisson's study, the Male (n, %) in the corticosteroids group should be 36(43.4), and 69(55.2) in the control group. For Moreno's study, the APACHE II in the corticosteroids group should be 15(10-20) and 14(10-19) in the control group.

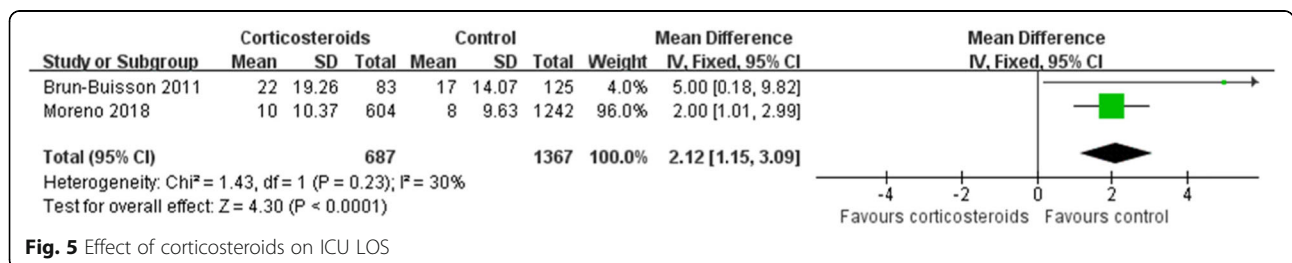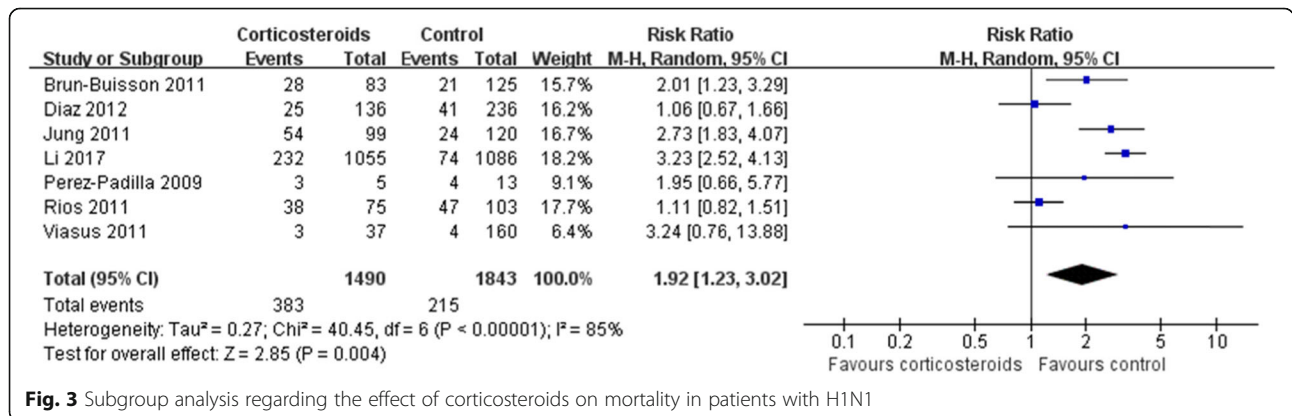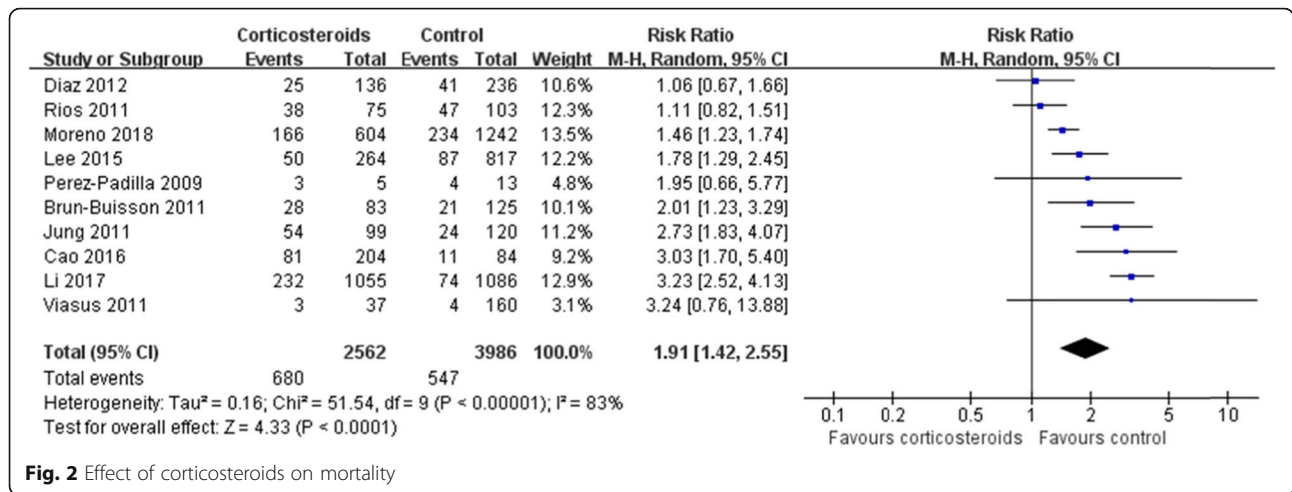And, the age and male in the control group of Viasus's study should be NR.

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Fig. 2 Effect of corticosteroids on mortality

Fig. 3 Subgroup analysis regarding the effect of corticosteroids on mortality in patients with H1N1

Fig. 5 Effect of corticosteroids on ICU LOS

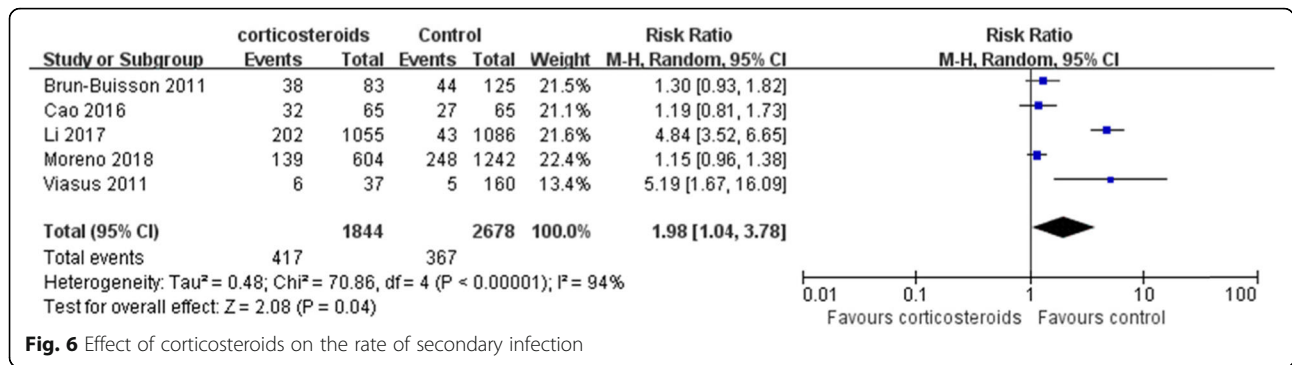Ni *et al. Critical Care*   (2020) 24:376

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Fig. 6 Effect of corticosteroids on the rate of secondary infection

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Reference
1. Ni YN, Chen G, Sun J, Liang BM, Liang ZA. The effect of corticosteroids on mortality of patients with influenza pneumonia: a systematic review and meta-analysis. Critical Care (London, England). 2019;23:99. https://doi.org/10.1186/s13054-019-2395-8.