**SUPPLEMENTARY INFORMATION**

**Low dose hydroxychloroquine is associated with lower mortality in COVID-19: a meta-analysis** **of 27 studies and 44,684 patients**

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**Running title:** Hydroxychloroquine and mortality in COVID-19 patients

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**Supplementary Figure 1**

Forest plot for association of hydroxychloroquine use with COVID-19 mortality (random effects), according to daily dose (as estimated in the days of treatment following the first)

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**Supplementary Figure 2**

Forest plot for association of hydroxychloroquine use with COVID-19 mortality (random effects), according to duration of treatment

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**Supplementary Figure 3**

Forest plot for association of hydroxychloroquine use with COVID-19 mortality (random effects), according to total dose (calculated as the sum of the amount of drug used in the first day plus daily dose multiplied by number of days of treatment following the first) ****

**Supplementary Figure 4**

Forest plot for association of hydroxychloroquine use with COVID-19 mortality (random effects), according to both daily dosing and number of days of treatment****

**Supplementary Figure 5**

Forest plot for association between HCQ treatment (panel A) or HCQ+AZM (panel B) and mortality in COVID-19 patients



RCT mean randomized controlled trial; RR means relative risk; SE means standard error; HCQ means hydroxychloroquine; AZM means azithromycin

**Supplementary Figure 6**

Forest plot for association of hydroxychloroquine use with any (panel A) or major (panel B) adverse effects. Data are from randomised clinical trials. The study by Mitja et al. (ref=meta esclusi 3) was not included in the meta-analysis on mortality since the authors found no deaths both in HCQ and control group.

**A)**

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**B)**

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