**Question or request:**
1. Are there any updates based on recent studies or federal agency guidelines that would modify the previous recommendation for the use of chloroquine or hydroxychloroquine?

**Recommendation/s in bullet form:**
- Yes there are relevant updates. Chloroquine and hydroxychloroquine are no longer recommended for the treatment of COVID-19 or SARS-CoV-2 infection, with or without Azithromycin.

**Assessment:**
- Two recent meta-analyses showed that hydroxychloroquine had little or no benefit in treating other viral diseases and no benefit in treating COVID-19 patients.¹ ²
- A National Institutes of Health panel updated the COVID-19 Treatment Guidelines³ to reflect the results of large randomized controlled trials that enrolled hospitalized patients, and provided the following recommendations for hospitalized and nonhospitalized patients:
  a. The Panel **recommends against** the use of chloroquine or hydroxychloroquine for the treatment of COVID-19 in hospitalized patients.
  b. In nonhospitalized patients, the Panel **recommends against** the use of chloroquine or hydroxychloroquine for the treatment of COVID-19, except in a clinical trial.

**Resources/Reference:**


³ [https://www.covid19treatmentguidelines.nih.gov/antiviral-therapy/chloroquine-or-hydroxychloroquine-with-or-without-azithromycin/](https://www.covid19treatmentguidelines.nih.gov/antiviral-therapy/chloroquine-or-hydroxychloroquine-with-or-without-azithromycin/)