

## Multiple drugs

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### Various toxicities: 2 case reports

In a prospective study of 113 patients, 2 patients [*ages and sexes not stated*] were described, who developed QT-interval prolongation, ventricular arrhythmias, torsade de point, ventricular fibrillation or non-sustained ventricular tachycardia during off label treatment with hydroxychloroquine, darunavir/ritonavir or azithromycin for severe acute respiratory syndrome coronavirus-2 (SARS-CoV-2) pneumonia [*routes not stated*].

The patients, who had SARS-CoV-2 pneumonia, started receiving off label treatment with hydroxychloroquine in combination with darunavir/ritonavir or azithromycin. First patient, who received hydroxychloroquine 200mg twice a day in combination with darunavir/ritonavir 800/100mg everyday developed ventricular arrhythmias along with torsade de point and ventricular fibrillation. The patient was successfully treated with direct-current shock following 6 days of therapy. The second patient, who received hydroxychloroquine 200mg twice a day in combination with azithromycin 500mg everyday, developed ventricular arrhythmias along with non-sustained ventricular tachycardia after 4 days.

Both patients had prolonged QT interval with a QTc value >500ms and the treatment was discontinued in them [*not all outcomes stated*].

Moschini L, et al. Effects on QT interval of hydroxychloroquine associated with ritonavir/darunavir or azithromycin in patients with SARS-CoV-2 infection. *Heart and Vessels* 36: 115-120, No. 1, Jan 2021. Available from: URL: <http://doi.org/10.1007/s00380-020-01671-4> 803536626