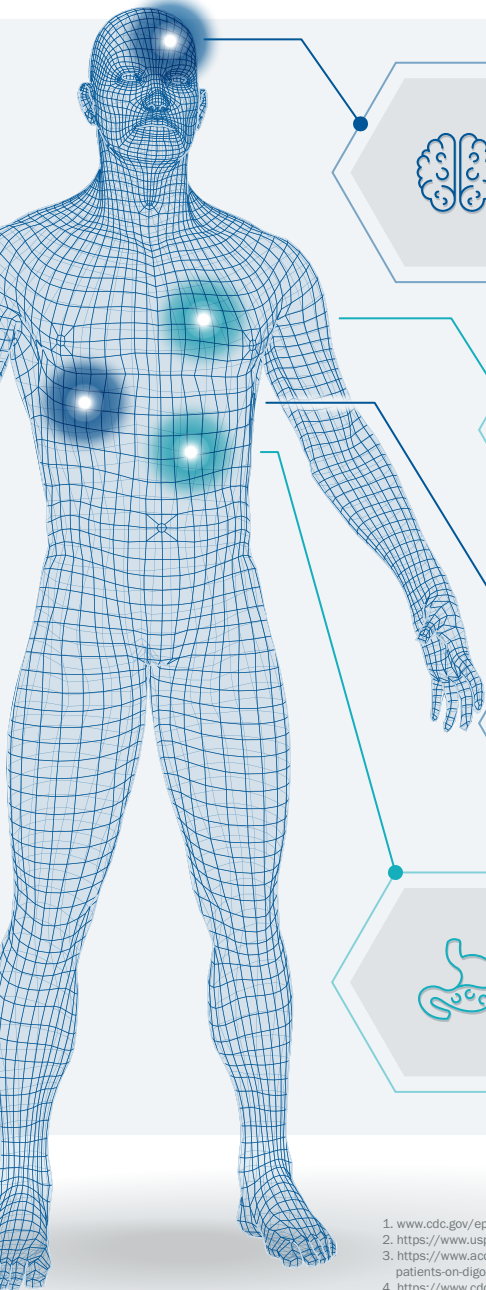


Do You Know the Drug Interactions Related to Hydroxychloroquine and Chloroquine?

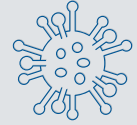


BRAIN



- **Hydroxychloroquine** lowers the seizure threshold. The activity of antiepileptics might be impaired if co-administered with **Hydroxychloroquine**.

3.47M (3M adults, .47M children)
people in the U.S have active epilepsy¹



In healthy volunteers, **Chloroquine** significantly reduced the bioavailability of **Ampicillin**.

HEART



- Concomitant **Hydroxychloroquine** and **Digoxin** therapy may result in increased serum digoxin levels.
- **Hydroxychloroquine** prolongs the QT interval and should not be administered with other drugs that have the potential to induce cardiac arrhythmias. Some commonly prescribed drugs that prolong QT interval include: antipsychotics (eg. **Quetiapine**), antidepressants (eg. **Fluoxetine**), and other drugs (eg. **Methadone**).



1 in 5 (approximately)
people with atrial fibrillation in the US are taking Digoxin³

- There is an increased risk of inducing ventricular arrhythmias if **Hydroxychloroquine** is used concomitantly with other arrhythmogenic drugs such as **Amiodarone**.²

LIVER



- **Hydroxychloroquine** may enhance the effects of hypoglycemic treatment. Dose adjustments of insulin or antidiabetic drugs may be required.
- An increased plasma **Cyclosporine** level was reported when **Cyclosporine** and **Hydroxychloroquine** were co-administered.⁵

10.5% (34.2M people)
of the U.S. population has diabetes⁴

STOMACH



- **Antacids** and **Kaolin** can reduce absorption of **Chloroquine**; an interval of at least 4 hours between intake of these drugs and chloroquine should be observed.⁵

- **Cimetidine** can inhibit the metabolism of **Chloroquine**, increasing its plasma level. Concomitant use of **Cimetidine** should be avoided.⁵

- **Chloroquine** has been reported to reduce the bioavailability of **Praziquantel**.⁵

Learn more about Hydroxychloroquine and Chloroquine Therapeutic Drug Monitoring

1. www.cdc.gov/epilepsy/data/index.html
 2. <https://www.uspharmacist.com/article/drug-induced-qt-prolongation>
 3. <https://www.acc.org/about-acc/press-releases/2015/03/04/17/09/atrial-fibrillation-patients-on-digoxin-face-increased-risk-of-death>
 4. <https://www.cdc.gov/diabetes/pdfs/data/statistics/national-diabetes-statistics-report.pdf>
 5. Plaquenil Prescribing Information, Concordia Pharmaceuticals, Inc., January 2020