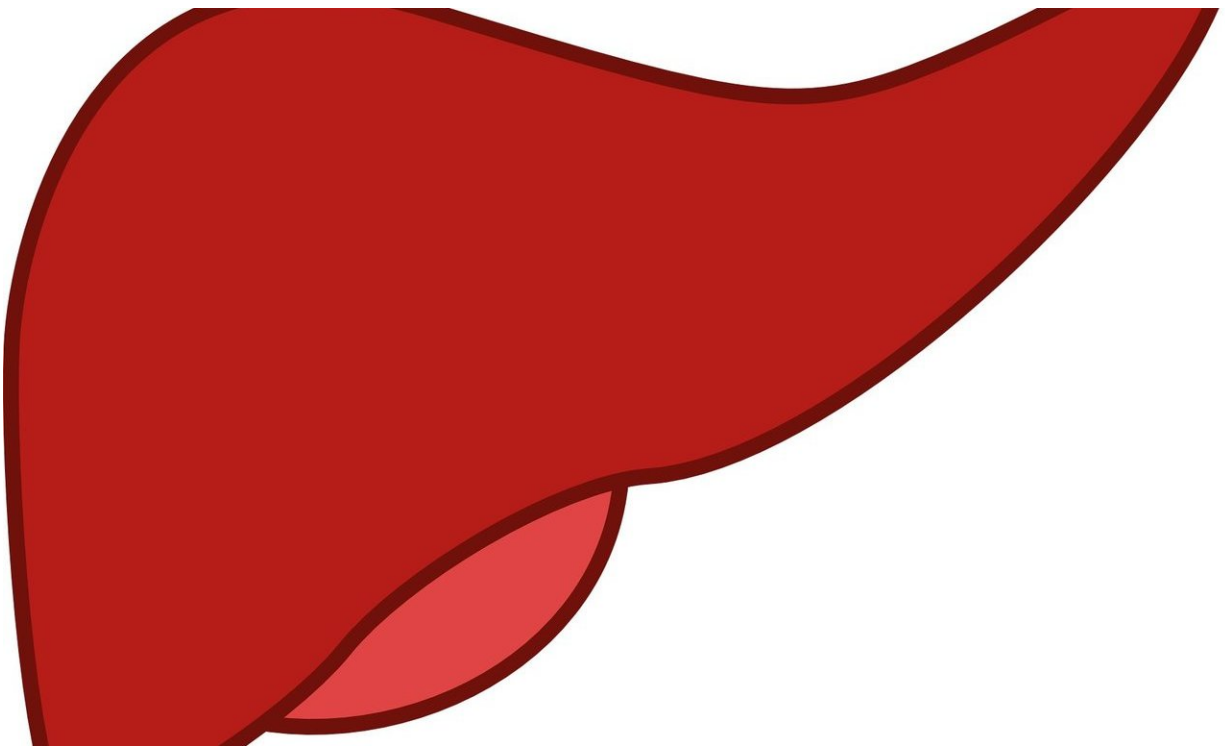


Which medications are most toxic to the liver?

May 5 2021



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A new study published in the *British Journal of Clinical Pharmacology* provides insights on how common hospitalized patients develop liver injury from taking different medications.

When investigators analyzed the records of 156,570 hospitalized

patients, they found 499 cases of drug-induced liver injury (DILI), for an incidence of 0.32%. Anti-infective agents, cancer medications, and [nonsteroidal anti-inflammatory drugs](#) were the major categories of drugs causing DILI, and the highest incidence was due to voriconazole (an antifungal medication). Patients with high cholesterol, [cardiovascular disease](#), pre-existing [liver disease](#), and prior surgeries faced a higher risk of DILI.

"We have carried out DILI-related real-world study with the help of information technology to provide a more accurate reference for safe and rational drug use," said corresponding author DaiHong Guo, of the Chinese People's Liberation Army General Hospital, in Beijing.

More information: Xianghao Kong et al, Incidence, characteristics and risk factors for drug-induced liver injury in hospitalized patients: A matched case-control study, *British Journal of Clinical Pharmacology* (2021). [DOI: 10.1111/bcp.14847](https://doi.org/10.1111/bcp.14847)

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