## Resource: ART Drug-Drug Interactions

August 2024

Table 42: Alcohol, Disulfiram, and Acamprosate [a] (also see drug package inserts)		
Class or Drug	Mechanism of Action	Clinical Comments
<ul> <li>Other NRTIs</li> <li>Dolutegravir (DTG)</li> <li>Bictegravir (BIC)</li> <li>Cabotegravir (CAB)</li> <li>Raltegravir (RAL)</li> <li>Elvitegravir (EVG), boosted</li> <li>Other boosted PIs</li> <li>Rilpivirine (RPV)</li> <li>Efavirenz (EFV)</li> <li>Etravirine (ETR)</li> <li>Doravirine (DOR)</li> <li>Fostemsavir (FTR)</li> </ul>	No significant interactions reported.	No dose adjustments are necessary.
Abacavir (ABC)	<b>Alcohol:</b> ABC is metabolized via alcohol dehydrogenase, and competitive metabolism may increase exposure to ABC.	Alcohol:     Use may increase ABC concentrations; monitor for ABC-related adverse effects.     ABC does not appear to increase blood alcohol concentrations.
<ul> <li>Ritonavir (RTV; oral solutions)</li> <li>Lopinavir/ritonavir (LPV/RTV; oral suspension or capsules)</li> </ul>	All contain alcohol and may potentiate symptoms of consumption of ethanol.	<b>Disulfiram:</b> ARVs formulated with alcohol induce same aversive effects as consumption of ethanol.

Abbreviations: ARV, antiretroviral; NRTI, nucleoside reverse transcriptase inhibitor; PI, protease inhibitor.

## Note:

a. Clinicians are advised to inform patients that alcohol should be consumed with caution while taking a prescription medication and should educate patients about how medications may affect their response to alcohol. Clinicians are advised to caution patients against driving or operating heavy machinery after consuming alcohol.