Anticoagulant & Antiplatelet Treatment

Charts revised December 2017. Full information available at www.hiv-druginteractions.org

		ATV/r	DRV/r	LPV/r	EFV	ETV	NVP	RPV	MVC	DTG	RAL	ABC	FTC	3TC	TDF	ZDV	E/C/F/TAF	E/C/F/TDF
Anticoagulants	Acenocoumarol	↓	↓	↓	↓	↑	↓	↔	↔	↔	↔	↔	↔	↔	↔	↔	↓	↓
	Apixaban	↑	↑	↑	↓	↓	↓	↔	↔	↔	↔	↔	↔	↔	↔	↔	↑	↑
	Dabigatran	↑	↑	↑?	↔	↑	↔	↑?	↔	↔	↔	↔	↔	↔	↔	↔	↑	↑
	Dalteparin	↔	↔	↔	↔	↔	↔	↔	↔	↔	↔	↔	↔	↔	↔	↔	↔	↔
	Edoxaban	↑	↑	↑	↔	↔	↔	↔	↔	↔	↔	↔	↔	↔	↔	↔	↑	↑
	Enoxaparin	↔	↔	↔	↔	↔	↔	↔	↔	↔	↔	↔	↔	↔	↔	↔	↔	↔
	Fondaparinux	↔	↔	↔	↔	↔	↔	↔	↔	↔	↔	↔	↔	↔	↔	↔	↔	↔
	Heparin	↔	↔	↔	↔	↔	↔	↔	↔	↔	↔	↔	↔	↔	↔	↔	↔	↔
	Phenprocoumon	↓↑[a]	↓↑	↓↑	↓	↓↑	↓	↔	↔	↔	↔	↔	↔	↔	↔	↔	↓↑	↓↑
	Rivaroxaban	↑	↑	↑	↓	↓	↓	↔	↔	↔	↔	↔	↔	↔	↔	↔	↑	↑
	Warfarin	↓↑[a]	↓	↓	↓↑	↑	↓↑	↔	↔	↔	↔	↔	↔	↔	↔	↔	↓	↓
Antiplatelet Agents	Aspirin	↔	↔	↔	↔	↔	↔	↔	↔	↔	↔	↔	↔	↔	↔	↔	↔	↔
	Clopidogrel	↓[b]	↓[b]	↓[b]	↑[c]	↓[b]	↑[c]	↔	↔	↔	↔	↔	↔	↔	↔	↔	↓[b]	↓[b]
	Dipyridamole	↓[d]	↓	↓	↓	↓	↔	↔	↔	↔	↔	↔	↔	↔	↔	↔	↔	↔
	Prasugrel	↓[e]	↓[e]	↓[e]	↔	↔	↔	↔	↔	↔	↔	↔	↔	↔	↔	↔	↓[e]	↓[e]
	Ticagrelor	↑	↑	↑	↓	↓	↓	↔	↔	↔	↔	↔	↔	↔	↔	↔	↑	↑

Colour Legend

- No clinically significant interaction expected.
- These drugs should not be coadministered.
- Potential interaction which may require a dosage adjustment or close monitoring.
- Potential interaction predicted to be of weak intensity. No *a priori* dosage adjustment is recommended.

Text Legend

↑ Potential increased exposure of the anticoagulant/antiplatelet agent

↓ Potential decreased exposure of the anticoagulant/antiplatelet agent

↔ No significant effect

a Unboosted ATV predicted to increase the anticoagulant. Monitor INR and adjust the anticoagulant dosage accordingly.

b Decreased conversion to active metabolite leading to non-responsiveness to clopidogrel. An alternative to clopidogrel should be considered.

c Increase in amount of active metabolite via induction of CYP3A4 and CYP2B6.

d Unboosted ATV predicted to increase dipyridamole exposure due to UGT1A1 inhibition.

e Reduced active metabolite but without a significant reduction in prasugrel activity.

Abbreviations ATV atazanavir DRV darunavir LPV lopinavir /r ritonavir EFV efavirenz ETV etravirine NVP nevirapine RPV rilpivirine MVC maraviroc DTG dolutegravir RAL raltegravir
ABC abacavir FTC emtricitabine 3TC lamivudine TDF tenofovir disoproxil fumarate ZDV zidovudine E/C/F/ Elvitegravir/Cobicistat/FTC TAF tenofovir alafenamide