

Apixaban: Direct Factor Xa Inhibitor

DRUG-DRUG INTERACTIONS (DDIs)

Pharmacokinetic DDIs occur only with combined alterations to *both* CYP3A4 and P-glycoprotein transporters (**DUAL** inhibitors/inducers).


Dual inhibitors increase risk of bleeding:

Diltiazem, naproxen, ketoconazole, itraconazole, ritonavir, and *possibly* clarithromycin*

* Clarithromycin has only recently been described to alter Apixaban metabolism, in conflict to package insert

Dual inducers increase risk of VTEs:

Rifampin, phenytoin, carbamazepine, and St. John's wort

 Clinical relevance – older/younger patients, risk of bleeding/thrombosis – especially aspirin, risk with other COVID drugs, updates to package insert!