

Antidepressant Treatment Selector

Charts reviewed October 2018. Full information available at www.hiv-druginteractions.org

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	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/TFD		
SSRI	Citalopram	↑ ^a	↑	↑ ^a	↓	↓	↓	↔ ^a	↔	↔	↔	↔	↔	↔	↔	↔	↔	↑	
	Escitalopram	↑ ^a	↑	↑ ^a	↓	↓	↓	↔ ^a	↔	↔	↔	↔	↔	↔	↔	↔	↔	↑	
	Fluoxetine	↑	↑	↑	↔	↔	↔	↔	↔	↔	↔	↔	↔	↔	↔	↔	↔	↔	↑
	Fluvoxamine	↑	↑	↑	↔	↔	↔	↔	↔	↔	↔	↔	↔	↔	↔	↔	↔	↔	↑
	Paroxetine	↑↓?	↓39%	↑↓?	↔	↔	↔	↔	↔	↔	↔	↔	↔	↔	↔	↔	↔	↔	↑↓?
	Sertraline	↓	↓49%	↓	↓39%	↓	↓	↔	↔	↔	↔	↔	↔	↔	↔	↔	↔	↔	↓7%
SNRI	Duloxetine	↑↓	↑↓	↑↓	↔	↔	↔	↔	↔	↔	↔	↔	↔	↔	↔	↔	↔	↑	
	Venlafaxine	↑	↑	↑	↓	↓	↓	↔	↓	↔	↔	↔	↔	↔	↔	↔	↔	↑	
TCA	Amitriptyline	↑ ^a	↑	↑ ^a	↔	↔	↔	↔ ^a	↔	↔	↔	↔	↔	↔	↔	↔	↔	↑	
	Clomipramine	↑ ^a	↑ ^a	↑ ^a	↓	↓	↓	↔ ^a	↔	↔	↔	↔	↔	↔	↔	↔	↔	↑ ^a	
	Desipramine	↑ ^a	↑	↑5% ^a	↔	↔	↔	↔ ^a	↔	↔	↔	↔	↔	↔	↔	↔	↔	↑	
	Doxepin	↑	↑	↑	↔	↔	↔	↔	↔	↔	↔	↔	↔	↔	↔	↔	↔	↔	↑
	Imipramine	↑ ^a	↑ ^a	↑ ^a	↓	↓	↓	↔ ^a	↔	↔	↔	↔	↔	↔	↔	↔	↔	↔	↑ ^a
	Nortriptyline	↑ ^a	↑	↑ ^a	↔	↔	↔	↔ ^a	↔	↔	↔	↔	↔	↔	↔	↔	↔	↔	↑
	Trimipramine	↑	↑	↑	↔	↔	↔	↔	↔	↔	↔	↔	↔	↔	↔	↔	↔	↔	↑
TeCA	Maprotiline	↑	↑	↑	↔	↔	↔	↔	↔	↔	↔	↔	↔	↔	↔	↔	↔	↑	
	Mianserin	↑	↑	↑	↓	↓	↓	↔	↔	↔	↔	↔	↔	↔	↔	↔	↔	↑	
	Mirtazapine	↑	↑	↑	↓	↓	↓	↔	↔	↔	↔	↔	↔	↔	↔	↔	↔	↑	
Others	Bupropion	↓	↓	↓57%	↓55%	↔	↓	↔	↔	↔	↔	↔	↔	↔	↔	↔	↔	↑?	
	Lamotrigine	↓32%	↓	↓50%	↓	↔	↔	↔	↔	↔	↔	↔	↔	↔	↔	↔	↔	↔	
	Nefazodone	↑	↑	↑	↓↑	↓↑	↓↑	↑	↑	↔	↔	↔	↔	↔	↔	↔	↔	↑	
	St John's wort	↓	↓	↓	↓	↓	↓	↓	↓	↓ ^b	↓?	↔	↔	↔	↔	↔	↔	↓	
	Trazodone	↑ ^a	↑	↑ ^a	↓	↓	↓	↔ ^a	↔	↔	↔	↔	↔	↔	↔	↔	↔	↑	

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 antidepressant
- ↓ Potential decreased exposure of the antidepressant
- ↔ No significant effect
- ↑ Potential increased exposure of HIV drug
- ↓ Potential decreased exposure of HIV drug

Numbers refer to decreased AUC of the antidepressant as observed in drug-drug interaction studies.

SSRI selective serotonin reuptake inhibitors

SNRI serotonin and norepinephrine reuptake inhibitor

TCA tricyclic antidepressants

TeCA tetracyclic antidepressants

^a ECG monitoring is recommended

^b The US Prescribing Information recommends that coadministration should be avoided as there are insufficient data to make dosing recommendations. However, the European SPC suggests dolutegravir be dosed at 50 mg twice daily, but recommends alternative combinations to be used where possible in INSTI-resistant patients. (These charts reflect the more cautious option.)