Antidepressant Treatment Selector

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| Inhibitors | ATV/c | ATV/r | DRV/c | DRV/r | LPV/r | DOR | EFV | ETV | NVP | RPV | MVC | BIC | EF/TA | DTG | ETV/TA | ETV/DF | RAL | ABC | FTC | F/TAF | TDF | ZDV |
|------------|-------|-------|-------|-------|-------|-----|-----|-----|-----|-----|-----|-----|-----|-------|-----|-------|-------|-----|-----|-----|-------|-----|-----|
| Selective Serotonin Reuptake Inhibitors |       |       |       |       |       |     |     |     |     |     |     |     |     |       |     |       |       |     |     |     |       |     |     |
| Citalopram | ↑    | ↑    | ↑     | ↑     | ↓     |     |     |     |     |     |     |     |     |     |     |       |     |     |     |     |     |     |
| Escitalopram | ↑   | ↑   | ↑     | ↑     | ↓     |     |     |     |     |     |     |     |     |     |     |       |     |     |     |     |     |     |
| Fluoxetine | ↑    |       | ↑     | ↑     | ↓     |     |     |     |     |     |     |     |     |     |     |       |     |     |     |     |     |     |
| Fluvoxamine | ↑   |       | ↑     | ↑     | ↓     |     |     |     |     |     |     |     |     |     |     |       |     |     |     |     |     |     |
| Paroxetine | ↑↑   | ↑↑   | ↑↑    | ↑↑    | ↓↓   |     |     |     |     |     |     |     |     |     |     |       |     |     |     |     |     |     |
| Sertraline | ↑     | ↑     | ↑↑    | ↑     | ↓↓   |     |     |     |     |     |     |     |     |     |     |       |     |     |     |     |     |     |
| Venlafaxine | ↑    | ↑    | ↑     | ↑     | ↓     |     |     |     |     |     |     |     |     |     |     |       |     |     |     |     |     |     |
| Serotonergic Norepinephrine Reuptake Inhibitors |       |       |       |       |       |     |     |     |     |     |     |     |     |     |     |       |     |     |     |     |     |     |
| Duloxetine | ↑    |       | ↑     | ↑     | ↓     |     |     |     |     |     |     |     |     |     |     |       |     |     |     |     |     |     |
| Mirtazapine | ↑   |       | ↑     | ↑     | ↓     |     |     |     |     |     |     |     |     |     |     |       |     |     |     |     |     |     |
| Tricyclic Antidepressants |       |       |       |       |       |     |     |     |     |     |     |     |     |     |     |       |     |     |     |     |     |     |
| Amitriptyline | ↑   | ↑   | ↑     | ↑     | ↓     |     |     |     |     |     |     |     |     |     |     |       |     |     |     |     |     |     |
| Clomipramine | ↑   | ↑   | ↑     | ↑     | ↓     |     |     |     |     |     |     |     |     |     |     |       |     |     |     |     |     |     |
| Desipramine | ↑   | ↑   | ↑     | ↑     | ↓     |     |     |     |     |     |     |     |     |     |     |       |     |     |     |     |     |     |
| Doxepin | ↑    |       | ↑     | ↑     | ↓     |     |     |     |     |     |     |     |     |     |     |       |     |     |     |     |     |     |
| Imipramine | ↑   | ↑   | ↑     | ↑     | ↓     |     |     |     |     |     |     |     |     |     |     |       |     |     |     |     |     |     |
| Nortriptyline | ↑   | ↑   | ↑     | ↑     | ↓     |     |     |     |     |     |     |     |     |     |     |       |     |     |     |     |     |     |
| Trimipramine | ↑   | ↑   | ↑     | ↑     | ↓     |     |     |     |     |     |     |     |     |     |     |       |     |     |     |     |     |     |
| Tetra cyclic Antidepressants |       |       |       |       |       |     |     |     |     |     |     |     |     |     |     |       |     |     |     |     |     |     |
| Maproline | ↑    | ↑    | ↑     | ↑     | ↓     |     |     |     |     |     |     |     |     |     |     |       |     |     |     |     |     |     |
| Mianserin | ↑    | ↑    | ↑     | ↑     | ↓     |     |     |     |     |     |     |     |     |     |     |       |     |     |     |     |     |     |
| Mirtazapine | ↑    | ↑    | ↑     | ↑     | ↓     |     |     |     |     |     |     |     |     |     |     |       |     |     |     |     |     |     |
| Other |       |       |       |       |       |     |     |     |     |     |     |     |     |     |     |       |     |     |     |     |     |     |
| Agomelatine | ↑   |       | ↑     | ↑     | ↓     |     |     |     |     |     |     |     |     |     |     |       |     |     |     |     |     |     |
| Bupropion | ↑   |       | ↑     | ↑     | ↓     |     |     |     |     |     |     |     |     |     |     |       |     |     |     |     |     |     |
| Lamotrigine | ↑   |       | ↑     | ↑     | ↓     |     |     |     |     |     |     |     |     |     |     |       |     |     |     |     |     |     |
| Nefazodone | ↑   |  | ↑     | ↑     | ↓     |     |     |     |     |     |     |     |     |     |     |       |     |     |     |     |     |     |
| Reboxetine | ↑   |       | ↑     | ↑     | ↓     |     |     |     |     |     |     |     |     |     |     |       |     |     |     |     |     |     |
| St John’s Wort | ↑   |       | ↑     | ↑     | ↓     |     |     |     |     |     |     |     |     |     |     |       |     |     |     |     |     |     |
| Tranylcypromine | ↑   |       | ↑     | ↑     | ↓     |     |     |     |     |     |     |     |     |     |     |       |     |     |     |     |     |     |
| Trazodone | ↑    | ↑    | ↑     | ↑     | ↓     |     |     |     |     |     |     |     |     |     |     |       |     |     |     |     |     |     |
| Vortioxetine | ↑    | ↑    | ↑     | ↑     | ↓     |     |     |     |     |     |     |     |     |     |     |       |     |     |     |     |     |     |

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

**Text Legend**
- ↑ Potential increased exposure of the antidepressant
- ↑ Potential increased exposure of HIV drug
- ↓ Potential decreased exposure of the antidepressant
- ↓ Potential decreased exposure of HIV drug
- • One or both drugs may cause QT and/or PR prolongation.
- ECG monitoring is advised if coadministered with atazanavir or lopinavir; caution is advised with rilpivirine as potential decreased exposure of the HIV drug may result in loss of therapeutic effect and development of resistance.
- Numbers refer to increase or decrease in AUC as observed in drug-drug interaction studies.

**Notes**

**a** Coadministration may increase clomipramine concentrations. Use with caution as clomipramine has been shown to prolong the QT interval.

**b** Coadministration may increase imipramine concentrations. Use with caution as imipramine has been shown to prolong the QT interval.

**c** The US product label for atazanavir/ritonavir mentions that the effect on lamotrigine concentrations is unknown and recommends monitoring of lamotrigine concentrations.

**d** No effect on escitalopram or tenofivir alafenamide is expected, but coadministration may increase bicalutamide. This increase is unlikely to be clinically significant.

**e** No effect on escitalopram is expected, but coadministration may decrease bicalutamide and tenofivir alafenamide concentrations which may result in loss of therapeutic effect and development of resistance.

**f** 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.

**g** No effect on escitalopram is expected, but coadministration may decrease tenofivir alafenamide concentrations which may result in loss of therapeutic effect and development of resistance.