

ATYPICAL ANTIDEPRESSANT COMPARISON

Drug	Class	Liver Enzyme Inhibition*	Dose/day	Common Adverse Effects
Fluoxetine (Prozac®)	SSRI	CYP 2D6 (significant)	10-80mg	Dizziness Drowsiness (Fluvoxamine is most sedating SSRI) Hypotension, GI Distress (>30%), Dry Mouth Tremor Sexual dysfunction 30-50% Weight gain (except Fluoxetine) QTc prolongation (Citalopram, Escitalopram, Fluoxetine)
Paroxetine (Paxil®)		CYP 2D6 (significant)	10-50mg	
Sertraline (Zoloft®)		CYP 2C19 (weak)	25-200mg	
Fluvoxamine (Luvox®)		CYP 1A2 (significant)	50-300mg	
Citalopram (Celexa®)		Weak (few drug interactions)	10-40mg	
Escitalopram (Ciprallex®)		Weak	10-20 mg	
Nefazodone (Serzone®)	SARI	CPY 3A4** (significant)	100-600mg in 2 doses	As per SSRI except Sexual dysfunction 10% Minimal weight gain or tremor
Venlafaxine (Effexor XR®)	SNRI	Weak (few drug interactions)	37.5-225mg	As per SSRI except Sexual dysfunction 10-30% Sweating Less weight gain or tremor compared to SSRI
Duloxetine (Cymbalta®)		Weak	40-120mg	
Bupropion SR (Wellbutrin SR®)	NDRI	CYP 2D6 (moderate)	150-300mg in 2 doses	Dizziness, Insomnia, GI distress, Constipation, Dry mouth, Tremor, Headache, Sexual Dysfunction 10% (May promote weight loss) Caution in seizure disorders
Mirtazapine (Remeron®)	NaSSA	Weak (few drug interactions)	15-45mg	Sedation (>30%) Dry Mouth, Constipation, Weight gain (>4kg in 15% of patients) (Less nausea, sexual dysfunction and sweating compared to SSRIs)

SSRI = selective serotonin reuptake inhibitor; SARI = serotonin 2 antagonist/reuptake inhibitor; SNRI = serotonin norepinephrine reuptake inhibitor; NDRI = norepinephrine dopamine reuptake inhibitor; NaSSA = noradrenergic/specific serotonergic antidepressant

*Cytochrome p450 isoenzymes inhibited by drug

**multiple drug interactions via CYP 3A4 including grapefruit juice