

FDA Approved SSRI's in Pediatrics

SSRIs are used to treat both anxiety and depressive disorders

Drug Name	FDA Indication	Age	Dosage
Prozac (fluoxetine)	Major Depressive Disorder (MDD) Obsessive Compulsive Disorder (OCD)	7+ years old	- Start at 5-10mg/day; 10-30mg/day (MDD) - Usual Therapeutic Dose: 10-60mg/day (OCD)
Lexapro (escitalopram)	Major Depressive Disorder (MDD)	12+ years old	- Start at 2.5-5mg/day - Usual Therapeutic Dose: 10-20 mg/day
Zoloft (sertraline)	Obsessive Compulsive Disorder (OCD)	6+ years old	- Start at 12.5mg/day - Usual Therapeutic Dose: 25-200 mg/day
Luvox (fluvoxamine)	Obsessive Compulsive Disorder (OCD)	8+ years old	- Start at 25mg/day - Usual Therapeutic Dose: 50-300mg/day

Pharmacokinetic Parameters of the SRIs

	Half-life (hours)	Protein bound (%)	Absorption altered by fast/fed status	Linear kinetics	Dose range (mg/day)
Escitalopram	27-32	56%	No	Yes	10-20
Citalopram	35	80%	No	Yes	20-60
Duloxetine	12	>90%	No	Yes	40-60
Fluoxetine	96-386	94%	No	No	20-80
Paroxetine	21	95%	No	No	10-50
Sertraline	26	98%	Yes	Yes	50-200
Venlafaxine	5-11	27-30%	No	Yes	75-225

Van Harten, *Clin Pharmacokinet*, 1993; Preskorn, *Clin Pharmacokinet*, 1997; Preskorn, *J Clin Psychiatry*, 1993; *Physician's Desk Reference*, 2005; Forest Laboratories, Data on File