

## PSYCHOTROPIC MEDICATION LIST

### ABOUT THIS LIST

- This list presents psychotropic medications, recommended starting and maximum dosages, FDA approved indications, and common adverse effects.
- Not all medications prescribed by clinicians for psychiatric diagnoses in children and adolescents are included.
- It is important to consider that the long term effects of psychoactive medications are not fully understood, giving reason for special caution in prescribing these medications to children and adolescents with developing brains and nervous systems.
- Psychoactive medications can be of significant benefit, but it is important to balance the potential risks of treatment against the risks of untreated illness.
- The list is intended to reflect usual doses and brief medication information.
- The list is not intended to serve as comprehensive drug information references or a substitute for sound clinical judgment in the care of individual patients, and individual patient circumstances should dictate care.
- Careful documentation of the rationale for decisions regarding psychotropic medications should occur, and careful monitoring and documentation of response to treatment should be observed.

### DOSING

- Recommended dosages are intended to serve only as a guide for clinicians.
- Recommended doses and maximums are literature based, and do not necessarily represent FDA approved dosages.

### PILL SPLITTING

- Please note, clinicians sometimes split pills for dosing flexibility and cost savings.
- In general, extended release or long-acting medications and pills with coatings cannot safely be split. Typically pills taken only once a day work best for splitting.

### ADVERSE EFFECTS

- Adverse effects listed for each medication are representative of the most common and/or serious side effects of the medication but is not intended to serve as a comprehensive review of all adverse effects for that medication. Clinicians should consult package inserts for a full review.

### KEY

- Medications listed with an asterisk (\*) indicate that a generic version is available.

Medication Name	Age Group	Recommended Initial Dosage/Day	Recommended Maximum Dosages/Day	Schedule	FDA Approved Indications
<b>Second Generation (Atypical) Antipsychotics</b>					
Aripiprazole* Abilify® Abilify Discmelt® Abilify Maintena®	Children 6 and Up <hr/> Adolescents	2 mg <hr/> 5 mg	15 mg <hr/> 30 mg	Once Daily	Schizophrenia (Ages 13-17)  Acute treatment of manic or mixed episodes associated with bipolar I disorder (Ages 10-17)  Irritability associated with autistic disorder (Ages 6-17)
<b>Adverse Effects:</b> Akathisia, anxiety, blurred vision, constipation, dizziness, extrapyramidal signs, fatigue, headache, insomnia, restlessness, sedation, tremor, vomiting, weight gain, cardiorespiratory arrest or failure, myocardial infarction, cerebrovascular accident, transient ischemic attack, cardiac arrhythmias, diabetic ketoacidosis, pancreatitis, agranulocytosis, leukopenia, neutropenia, rhabdomyolysis, seizure, tardive dyskinesia, suicidal behavior, angioedema, elevated body temperature, neuroleptic malignant syndrome					
Asenapine* Sapharis®	No pediatric data available <hr/> Approved adult dosing	10 mg	20 mg	Twice Daily	None for Children
<b>Adverse Effects:</b> Akathisia, dizziness, extrapyramidal signs, hypoesthesia, somnolence, weight gain, cardiac arrhythmia, hypersensitivity reaction, angioedema, neuroleptic malignant syndrome					
Clozapine* Clozaril® FazaClo®	Children 6 and Up <hr/> Adolescents	6.25-12.5 mg <hr/> 6.25-25 mg	150-300 mg <hr/> 200-600 mg	Once to Twice Daily	None for Children
<b>Adverse Effects:</b> Constipation, dizziness, fever, headache, hypotension, nausea, sedation/somnolence, sweating, syncope, tachycardia, tremor, vertigo, visual disturbance, xerostomia, agranulocytosis, cardiac arrest, cardiac arrhythmia, cardiomyopathy, diabetes mellitus, diabetic ketoacidosis, eosinophilia, erythema multiforme, gastrointestinal hypomotility, glaucoma closed angle, hyperglycemia, myocarditis, neuroleptic malignant syndrome, pneumonia, pulmonary embolism, respiratory arrest, Stevens-Johnson syndrome					

Medication Name	Age Group	Recommended Initial Dosage/Day	Recommended Maximum Dosages/Day	Schedule	FDA Approved Indications
<b>Second Generation (Atypical) Antipsychotics</b>					
Iloperidone* Fanapt®	No pediatric data available Approved adult dosing	2 mg	24 mg	Twice Daily	None for Children
<b>Adverse Effects:</b> Diarrhea, dizziness, fatigue, hyperprolactinemia, nasal congestion, nausea, orthostatic hypotension, somnolence, tachycardia, xerostomia, cardiac arrhythmia, cerebrovascular accident, hyperglycemia, neuroleptic malignant syndrome, suicidal intent, syncope, transient ischemic attack					
Lurasidone* Latuda®	No pediatric data available Approved adult dosing	40 mg	160 mg	Once daily with food	None for Children
<b>Adverse Effects:</b> Akathisia, extrapyramidal signs, nausea, Parkinsonism, somnolence, agranulocytosis, cerebrovascular accident, neuroleptic malignant syndrome, orthostatic hypotension, seizure, suicidal thoughts, syncope, tardive dyskinesia, transient ischemic attacks					
Olanzapine* Zyprexa® ZyPREXA Relprevv® ZyPREXA Zydys®	Children 6 and Up Adolescents	2.5 mg 2.5-5 mg	12.5 mg 30 mg	Once to Twice Daily	Schizophrenia (Ages 13-17) Acute treatment of manic or mixed episodes associated with bipolar I disorder (Ages 13-17)
<b>Adverse Effects:</b> Akathisia, appetite increase, asthenia, constipation, dizziness, edema, hypercholesterolemia, hyperprolactinemia, orthostatic hypotension, somnolence, tremor, weight gain, acute hemorrhagic pancreatitis, cardiac death, cerebrovascular disease, diabetic ketoacidosis, hyperglycemic hyperosmolar state, immune hypersensitivity reaction, neuroleptic malignant syndrome, pulmonary embolism, seizure, venous thromboembolism					
Quetiapine* SEROquel® SEROquel XR®	Children 6 and Up Adolescents	12.5 mg 25 mg	300 mg 600 mg	Once to Twice Daily Depending on the Preparation	Schizophrenia (Ages 13-17) Mania with bipolar I disorder (Ages 10-17) Adjunctive maintenance treatment of bipolar disorder (Ages 10-17)
<b>Adverse Effects:</b> Agitation, appetite increase, asthenia, constipation, dizziness, extrapyramidal signs, fatigue, headache, hypercholesterolemia, hypertension, insomnia, somnolence, vomiting, weight gain, xerostomia, agranulocytosis, cardiac arrhythmia, cardiac death, diabetic ketoacidosis, leukopenia, neuroleptic malignant syndrome, neutropenia, pancreatitis, priapism, seizure, suicidal thoughts, syncope, tardive dyskinesia					

Medication Name	Age Group	Recommended Initial Dosage/Day	Recommended Maximum Dosages/Day	Schedule	FDA Approved Indications
<b>Second Generation (Atypical) Antipsychotics</b>					
Risperidone* RisperDAL® RisperDAL Consta® RisperDAL M-Tab®	Children Under Six	0.25 mg	2 mg	Once to Twice Daily	Schizophrenia (Ages 13-17)
	Children 6 and Up	0.5 mg	3 mg		Acute treatment of manic or mixed episodes associated with bipolar I disorder (Ages 10-17)
	Adolescents	0.5 mg	6 mg		Irritability associated with autistic disorder (Ages 5-16)
<b>Adverse Effects:</b> Abdominal pain, akathisia, anxiety, appetite increase, constipation, cough, dizziness, drooling, fatigue, hyperprolactinemia, indigestion, nasal congestion/nasopharyngitis, nausea, Parkinsonism, rash, sedation, tremor, vomiting, weight gain, xerostomia, agranulocytosis, cardiac arrhythmia, cerebrovascular accident, diabetic ketoacidosis, hypothermia, leukopenia, neuroleptic malignant syndrome, neutropenia, priapism, pulmonary embolism, seizure, tardive dyskinesia, thrombocytopenia					
Ziprasidone* Geodon®	Adolescents	20 mg	160 mg	Twice Daily with meals	None for Children
<b>Adverse Effects:</b> Akathisia, dizziness, extrapyramidal signs, headache, nausea, somnolence, weight gain, bone marrow depression, cardiac arrhythmias, diabetes mellitus, dysphagia, hyperglycemia, hyperprolactinemia, neuroleptic malignant syndrome, priapism, seizure, syncope, tardive dyskinesia					

Medication Name	Age Group	Recommended Initial Dosage/Day	Recommended Maximum Dosages/Day	Schedule	FDA Approved Indications
<b>First Generation (Typical) Antipsychotics</b>					
Chlorpromazine Thorazine®	Children Under Six		40 mg	Two to Four Times Daily	Severe behavioral problems in children (1 to 12 years of age) marked by combativeness and/or explosive hyperexcitable behavior, Short-term treatment of hyperactive children who show excessive motor activity with accompanying conduct disorders
	Children 6 and Up	0.5-1 mg/kg	200 mg		
	Adolescents		800 mg		
<b>Adverse Effects:</b> Akathisia, constipation, dizziness, nausea, orthostatic hypotension, Parkinsonism, somnolence, tachycardia, tardive dyskinesia, thermoregulation, xerostomia, agranulocytosis, aplastic anemia, cardiac arrhythmias, dystonia, erythroderma, jaundice, leukopenia, neuroleptic malignant syndrome, paralytic ileus, priapism, seizure, systemic lupus erythematosus					
Haloperidol Haldol® Haldol Dec®	Under 35 kg	0.25-0.5 mg	3-4 mg	Once to Three Times Daily	Tourette's syndrome (Ages 3 & older) Hyperactivity (Ages 3 & older) Psychosis (Ages 3 & older) Schizophrenia (Ages 3 & older)
	Over or = 35 kg	1 mg	10 mg		
<b>Adverse Effects:</b> Akathisia, blurred vision, constipation, dystonia, extrapyramidal signs, hypotension, somnolence, xerostomia, agranulocytosis, cardiac arrhythmias, cardiac death, neuroleptic malignant syndrome, paralytic ileus, priapism, seizure, tardive dyskinesia					
Perphenazine Trilafon®	Children 6 and Up	2 mg	6 mg	Three Times a Day	Nausea and Vomiting (Ages 12 & older) Schizophrenia (Ages 12 & older)
	Adolescents	12 mg	64 mg		
<b>Adverse Effects:</b> Akathisia, blurred vision, constipation, dizziness, dystonia, epithelial keratopathy, extrapyramidal signs, hypotension, nasal congestion, orthostatic hypotension, Parkinsonism, photosensitivity, retinitis pigmentosa, somnolence, diminished sweating, tardive dyskinesia, urinary retention, xerostomia, agranulocytosis, cardiac arrhythmias, hematopoietic structure disorders, leukopenia, lupus erythematosus, neuroleptic malignant syndrome, paralytic ileus, priapism, seizure, thermoregulatory problems, thrombocytopenia					
Pimozide Orap®	Children 6 and Up	1-2 mg	0.02 mg/kg	Once to Twice Daily	Tourette's syndrome (Ages 12 & older)
	Adolescents	0.05 mg/kg	10 mg		
<b>Adverse Effects:</b> Akathisia, blurred vision, constipation, dizziness, dystonia, epithelial keratopathy, extrapyramidal disease, hypotension, nasal congestion, Parkinsonism, photosensitivity, retinitis pigmentosa, somnolence, diminished sweating, tardive dyskinesia, urinary retention, xerostomia, agranulocytosis, cholestatic jaundice, leukopenia, lupus erythematosus, neuroleptic malignant syndrome, paralytic ileus, priapism, seizure, thermoregulatory problems, thrombocytopenia					

Medication Name	Age Group	Recommended Initial Dosage/Day	Recommended Maximum Dosages/Day	Schedule	FDA Approved Indications
<b>Stimulants (Used to treat ADHD)</b>					
Amphetamine Salts* <i>Adderall</i> ®	Children 3-5	2.5 mg	10 mg	Once or Twice Daily	ADHD (Ages 3 & older) Narcolepsy (Ages 6 & older)
	Children 6 and Up	5 mg	40 mg		
<b>Adverse Effects:</b> Anxiety, Hypertension, Weight loss, Abdominal pain, Loss of appetite, Xerostomia, Headache, Insomnia, Cardiomyopathy, Seizure, Psychosis, Mania, Sudden cardiac death					
Amphetamine Salts* <i>Adderall</i> ®XR	Children 6 and Up	5-10 mg	30 mg	Once Daily	ADHD (Ages 6 & older) Narcolepsy (Ages 6 & older)
<b>Adverse Effects:</b> Anxiety, Hypertension, Weight loss, Abdominal pain, Loss of appetite, Xerostomia, Headache, Insomnia, Cardiomyopathy, Seizure, Psychosis, Mania, Sudden cardiac death					
Dextroamphetamine* <i>Dexedrine</i> ® <i>ProCentra</i> ®	Children 6 and Up	5-10 mg	40 mg	Once Daily	ADHD (Ages 3 – 16) Narcolepsy (Ages 6 & older)
<b>Adverse Effects:</b> Loss of appetite, Xerostomia, Insomnia, Feeling nervous, Irritability, Restlessness, Sudden cardiac death, Tachyarrhythmia, Increased body temperature, Hypersensitivity disorder, Cerebrovascular accident, Intracranial hemorrhage, Psychotic disorder					
Dextroamphetamine* <i>Dexedrine Spansule</i> ®	Children 6 and Up	5 mg	40 mg	Once Daily	ADHD (Ages 3 – 16) Narcolepsy (Ages 6 & older)
<b>Adverse Effects:</b> Loss of appetite, Xerostomia, Insomnia, Feeling nervous, Irritability, Restlessness, Sudden cardiac death, Tachyarrhythmia, Increased body temperature, Hypersensitivity disorder, Cerebrovascular accident, Intracranial hemorrhage, Psychotic disorder					
Dexmethylphenidate* <i>Focalin</i> ®	Children 6 and Up	2.5 mg	20 mg	Twice Daily	ADHD (Ages 6 & older)
<b>Adverse Effects:</b> Tachyarrhythmia, Weight loss, Abdominal pain, Loss of appetite, Nausea, Insomnia, Spasmodic movement, Vocal or motor tics, Mania, Psychotic disorder, Seizure					
Dexmethylphenidate* <i>Focalin</i> ®XR	Children 6 and Up	5 mg	30 mg	Once Daily (XR)	ADHD (Ages 6 & older)
<b>Adverse Effects:</b> Tachyarrhythmia, Weight loss, Abdominal pain, Loss of appetite, Nausea, Insomnia, Spasmodic movement, Vocal or motor tics, Mania, Psychotic disorder, Seizure					

Medication Name	Age Group	Recommended Initial Dosage/Day	Recommended Maximum Dosages/Day	Schedule	FDA Approved Indications
<b>Stimulants (Used to treat ADHD)</b>					
Lisdexamfetamine Vyvanse®	Children 6 and Up	30 mg	70 mg	Once Daily	ADHD (Ages 6-17)
<b>Adverse Effects:</b> Rash, Decreased body growth, Weight loss, Diarrhea, Loss of appetite, Nausea, Upper abdominal pain, Vomiting, Xerostomia, Seizure, Dizziness, Insomnia, Anxiety, Chest pain, Myocardial infarction, Sudden cardiac death, Tachycardia, Ventricular hypertrophy, Cerebrovascular accident					
Methylphenidate* Ritalin®	Children 6 and Up	10 mg	60 mg	Three Times Daily	ADHD (Ages 6 & older)
<b>Adverse Effects:</b> Erythema, Weight loss, Decreased appetite, Nausea, Vomiting, Headache, Insomnia, Labile affect, Nasal congestion, Nasopharyngitis, Contact dermatitis, Decreased body growth, Lowered seizure threshold, Tics, Mania, Psychotic disorder					
Methylphenidate* Ritalin SR® Ritalin LA®	Children 6 and Up	10-20 mg	60 mg	Twice Daily	ADHD (Ages 6 & older)
<b>Adverse Effects:</b> Erythema, Weight loss, Decreased appetite, Nausea, Vomiting, Headache, Insomnia, Labile affect, Nasal congestion, Nasopharyngitis, Contact dermatitis, Decreased body growth, Lowered seizure threshold, Tics, Mania, Psychotic disorder					
Methylphenidate* Metadate CD® Metadate ER®	Children 6 and Up	10-20 mg	60 mg	Twice Daily	ADHD (Ages 6 & older)
<b>Adverse Effects:</b> See Methylphenidate above.					
Methylphenidate* Methylin® Methylin® Solution	Children 6 and Up	10 mg	60 mg	Twice Daily	ADHD (Ages 6 & older)
<b>Adverse Effects:</b> See Methylphenidate above.					
Methylphenidate* Concerta®	Children 6 and Up Adolescents 13-17	18 mg 18 mg	54 mg 72 mg	Once Daily	ADHD (Ages 6 & older)
<b>Adverse Effects:</b> See Methylphenidate above.					
Methylphenidate* Daytrana®	Children 6 and Up	10 mg	30 mg	Patch Applied Once Daily and Worn for 9 Hours	ADHD (Ages 6-17)
<b>Adverse Effects:</b> See Methylphenidate above.					

Medication Name	Age Group	Recommended Initial Dosage/Day	Recommended Maximum Dosages/Day	Schedule	FDA Approved Indications
<b>Stimulants (Used to treat ADHD)</b>					
Methylphenidate* Daytrana®	Children 6 and Up	10 mg	30 mg	Patch Applied Once Daily and Worn for 9 Hours	ADHD (Ages 6-17)
<b>Adverse Effects:</b> See Methylphenidate above.					
Methylphenidate* Quillivant XR® Liquid	Children 6 and Up	20 mg	60 mg	Once Daily	ADHD (Ages 6 & older)
<b>Adverse Effects:</b> See Methylphenidate above.					
<b>Non Stimulants (Used to treat ADHD)</b>					
Atomoxetine Strattera®	Children 6 and Up	0.5 mg	1.4 mg/kg	Once or Twice Daily	ADHD (Ages 6 & older)
	Adolescents	40 mg	80-100 mg		
<b>Adverse Effects:</b> Increased blood pressure, Tachycardia, Weight loss, Abdominal pain, Constipation, Decreased appetite, Nausea, Vomiting, Xerostomia, Headache, Insomnia, Somnolence, Difficulty initiating urination, Dysmenorrhea, Erectile dysfunction, Myocardial infarction Prolonged QT interval, Sudden cardiac death, Liver dysfunction, Liver failure, Cerebrovascular accident , Dyskinesia, Seizure, Mania, Psychotic disorder, Suicidal thoughts					



Medication Name	Age Group	Recommended Initial Dosage/Day	Recommended Maximum Dosages/Day	Schedule	FDA Approved Indications
<b>Alpha Agonists (Adjunctive Therapy for ADHD)</b>					
Clonidine* Catapres® Catapres TTS® (Patch)	Children 6 and Up  Adolescents	0.05 mg	27 – 40.5 kg 0.2 mg 40.5 – 45 kg 0.3 mg  > 45 kg 0.4 mg	Once to Four Times Daily	Adjunct cancer pain
<b>Adverse Effects:</b> Contact dermatitis, Erythema, Pruritus, Xerostomia, Dizziness, Headache, Sedated, Somnolence, Fatigue, Atrioventricular block					
Clonidine* Kapvay®	Children 6 and Up	0.1 mg	0.4 mg	Once or Twice Daily	HTN ADHD (Ages 6 & older)
<b>Adverse Effects:</b> See Clonidine above.					
Guanfacine* Tenex®	Children 6 and Up	1 mg	4 mg	Once to Four Times Daily	None for children
<b>Adverse Effects:</b> Orthostatic hypotension, Hypertension, Abdominal pain, Headache, Insomnia, Somnolence, Impotence, Fatigue, Bradyarrhythmia, Hypotension, Syncope, Peeling of skin, Seizure					
Guanfacine* Intuniv®	Children 6 and Up	1 mg	4 mg	Once Daily	ADHD (Ages 6 & older)
<b>Adverse Effects:</b> See guanfacine above.					

Medication Name	Age Group	Recommended Initial Dosage/Day	Recommended Maximum Dosages/Day	Schedule	FDA Approved Indications
<b>Antidepressants</b>					
Bupropion* <i>Wellbutrin</i> ®	Children 6 and Up	75 mg		Once to Three Times Daily	None for children
	Adolescents	100-150 mg	300 mg		
<b>Adverse Effects:</b> Hypertension, Tachyarrhythmia, Pruritis, Urticaria, Constipation, Nausea, Arthralgia, Myalgia, Confusion, Dizziness, Headache, Insomnia, Tremor, Tinnitus, Agitation, Anxiety, Hostile behavior, Disorder of menstruation, Pharyngitis, Xerostomia, Cardiac dysrhythmia, Wide ARS complex, Stevens-Johnson syndrome, Anaphylaxis, Seizure, Depression, Mania, Psychotic disorder, Suicidal thoughts					
Bupropion* <i>Aplenzin</i> ® <i>Forfivo</i> ®	Children 6 and Up	75 mg	Lesser of 3-6 mg/kg	Once to Twice Daily	None for children
	Adolescents	100-150 mg	450 mg (XL)		
<b>Adverse Effects:</b> See Bupropion above.					
Bupropion* <i>Wellbutrin</i> ®SR <i>Wellbutrin</i> ®XL	Children 6 and Up	75 mg		Once to Twice (SR); Once (XL) Daily	None for children
	Adolescents	100-150 mg	400 mg (SR) 450 mg (XL)		
<b>Adverse Effects:</b> See Bupropion above.					
<b>Antidepressants, Selective serotonin re-uptake inhibitors (SSRIs)</b>					
Citalopram* <i>Celexa</i> ®	Children 6 and Up	10-20 mg	40 mg	Once Daily	None for children
	Adolescents	10-20 mg	40 mg		
<b>Adverse Effects:</b> Diaphoresis, Constipation, Diarrhea, Nausea, Vomiting, Xerostomia, Dizziness, Headache, Insomnia, Sedation, Tremor, Agitation, Disorders of ejaculation, Fatigue, Myocardial infarction, Prolonged QT interval, Torsades de pointes, Cerebrovascular accident, Depression Worsening, Suicidal thoughts, Suicide, Serotonin syndrome					
Escitalopram* <i>Lexapro</i> ®	Children 6 and Up	5-10 mg	20 mg	Once Daily	MDD (Ages 12 & older)
	Adolescents	5-10 mg	20 mg		
<b>Adverse Effects:</b> Diaphoresis, Abdominal pain, Constipation, Diarrhea, Indigestion, Nausea, Vomiting, Xerostomia, Dizziness, Headache, Insomnia, Somnolence, Disorder of ejaculation, Impotence, Orgasm incapacity, Reduced libido, Fatigue, Depression, Suicidal thoughts, Suicide, Serotonin Syndrome					

Medication Name	Age Group	Recommended Initial Dosage/Day	Recommended Maximum Dosages/Day	Schedule	FDA Approved Indications
<b>Antidepressants, Selective serotonin re-uptake inhibitors (SSRIs)</b>					
Fluoxetine* Prozac®	Children 6 and Up	10 mg	30-60 mg	Once Daily	MDD (Ages 8 & older) OCD (Ages 7 & older)
	Adolescents	10-20 mg	60 mg		
<b>Adverse Effects:</b> Diaphoresis, Rash, Loss of appetite, Nausea, Xerostomia, Asthenia, Dizziness, Insomnia, Somnolence, Tremor, Pharyngitis Rhinitis, Prolonged QT interval, Hyponatremia, Bleeding, Seizure, Depression, Mania, Suicidal thoughts, Suicide, Serotonin syndrome					
Fluvoxamine* Luvox®	Children 6 and Up	25 mg	200 mg	Once Daily	OCD (Ages 8 & older)
	Adolescents	25 mg	300 mg		
<b>Adverse Effects:</b> Sweating, Diarrhea, Indigestion, Loss of appetite, Nausea, Xerostomia, Asthenia, Dizziness, Insomnia, Somnolence, Tremor, Anxiety, Sexual dysfunction, Stevens-Johnson syndrome, Toxic epidermal necrolysis, Hyponatremia, Agranulocytosis, Bleeding, Anaphylaxis, Seizure, Depression, Suicidal thoughts, Suicide, Neuroleptic malignant syndrome, Serotonin syndrome					
Imipramine Tofranil®	Children 6 and Up	1.5 mg/kg/day	100 mg	Once to Four Times Daily	Nocturnal enuresis (Ages 6 & older)
<b>Adverse Effects:</b> Asthenia, bloating, blurred vision, constipation, dizziness, fatigue, headache, somnolence, urinary retention, weight gain, xerostomia; cardiac arrhythmias, agranulocytosis, hepatic dysfunction, cerebrovascular accident, seizure, depression, psychotic disorder, suicidal thoughts, suicide					
Nortriptyline Pamelor®	Children 6 and Up	10 mg	100 mg	Once to Twice Daily	Depression
<b>Adverse Effects:</b> Constipation, Cardiac arrhythmias, Myocardial infarction, Sudden cardiac death, SIADH, Paralytic ileus, Bone marrow depression, Hepatic failure, Jaundice, Cerebrovascular accident, Myoclonus, Seizure, Depression, Mania, psychotic disorder, Suicidal thoughts, Suicide, Angioedema					
Paroxetine* Paxil® Paxil CR® Pexeva®	Children 6 and Up	2.5 – 10 mg	60 mg	Once Daily	None for children
	Adolescents	12.5-25 mg 12.5 mg (CR)	62.5 mg 37.5 mg (CR)		
<b>Adverse Effects:</b> Palpitations, Vasodilation, Diaphoresis, Constipation, Diarrhea, Loss appetite, Nausea, Xerostomia, Asthenia, Dizziness, Headache, Insomnia, Somnolence, Tremor, Blurred vision, Sexual dysfunction, Yawning, Stevens-Johnson syndrome, Toxic epidermal necrolysis, Acute hepatitis, Seizure, Depression, Suicidal thoughts, Suicide, Serotonin syndrome					

Medication Name	Age Group	Recommended Initial Dosage/Day	Recommended Maximum Dosages/Day	Schedule	FDA Approved Indications
<b>Antidepressants, Selective serotonin re-uptake inhibitors (SSRIs)</b>					
Sertraline* Zoloft®	Children 6 and Up	25 mg	200 mg	Once Daily	OCD (Ages 6 & older)
	Adolescents	50 mg	200 mg		
<b>Adverse Effects:</b> Constipation, Diarrhea, Indigestion, Nausea, Vomiting, Dizziness, Headache, Insomnia, Somnolence, Tremor, Sexual dysfunction, Fatigue, Stevens-Johnson syndrome, Hyponatremia, Anaphylaxis, Rhabdomyolysis, Seizure, Depression, Mania, Suicidal thoughts, Suicide, Serotonin syndrome					

Medication Name	Age Group	Recommended Initial Dosage/Day	Recommended Maximum Dosages/Day	Schedule	FDA Approved Indications
<b>Anti-Anxiety</b>					
Alprazolam*+ Niravam® Xanax® Xanax XR®	Children 6 and Up	0.005 mg/kg	0.07-0.08 mg/kg	Once to Three Times Daily (Immediate Release) Once Daily (ext release)	None for children
<b>Adverse Effects:</b> Appetite changes, Increased weight, Constipation, Xerostomia, Confusion, Dysarthria, Incoordination, Lightheadedness, Memory impairment, Sedation, Irritability, Reduced libido, Fatigue, Stevens-Johnson syndrome, Liver failure, Drug withdrawal seizures					
Clonazepam*+ Klonopin®	Children Under 10 or <30 kg Children 10 and Up or ≥30 kg	0.01 mg/kg 0.5 mg	0.05 mg/kg 4 mg	Twice Daily	Seizure (Ages 10 & older)
<b>Adverse Effects:</b> Ataxia, Coordination problem, Dizziness, Somnolence, Problem behavior, Upper respiratory infection, Fatigue, Depression, Suicidal thoughts, Respiratory depression					
Diazepam*+ Valium®	Children 6 and Up	1-2.5 mg	10 mg	Two to Four Times Daily	Anxiety (Ages 6 months & older) Seizures (Ages 6 months & older) Skeletal muscle spasms (Ages 1 month & older) Status epilepticus (Ages 1 month & older)
<b>Adverse Effects:</b> Hypotension, Rash, Diarrhea, Muscle weakness, Ataxia, Incoordination, Somnolence, Euphoria, Respiratory depression, Fatigue, Neutropenia					
Lorazepam*+ Ativan®	Children 6 and Up	0.03 mg/kg	0.03-0.08 mg/kg	Twice Daily	Anxiety (Ages 12 & older) Insomnia (Ages 12 & older)
<b>Adverse Effects:</b> Anxiety, Insomnia, Premedication for anesthesia, Status epilepticus, Asthenia, Dizziness, Sedation, Unsteadiness, Depression, Acidosis Delirium +Benzodiazepine anxiolytics should be used with extreme caution in the treatment of youth.					
Propranolol* Inderal® InnoPran XL®	Children 6 and Up	0.5 mg/kg	60 mg	Once to three times daily	None for children
<b>Adverse Effects:</b> Angina pectoris, Cardiac dysrhythmia, Essential tremor, HTN, Idiopathic hypertrophic subaortic stenosis, Migraine prophylaxis, Pheochromocytoma, Postmyocardial infarction syndrome, Dermatitis, Pruritis, Urticaria, Fatigue, Congestive heart failure, Heart block, Erythema multiforme, Stevens-Johnson syndrome, Toxic epidermal necrolysis, Anaphylaxis, Asthma, Bronchospasm, Withdrawal signs					

+Benzodiazepines should be used with extreme caution in the treatment of youth.

Medication Name	Age Group	Recommended Initial Dosage/Day	Recommended Maximum Dosages/Day	Schedule	FDA Approved Indications
<b>Mood Stabilizers</b>					
Carbamazepine* <i>Carbatrol</i> ® <i>Tegretol</i> ® <i>Tegretol</i> ® XR	Children Under Six	10-20 mg/kg	35 mg/kg	Two to Four Times Daily Twice Daily (XR)	Epilepsy
	Children 6 and Up	100 mg/twice a day	400-800 mg		
	Adolescents 12 and Up	200 mg/twice a day	400-1200 mg Target serum concentration 4 – 12 mcg/mL		
<b>Adverse Effects:</b> Hypotension, Pruritis, Rash, Constipation, Nausea, Vomiting, Xerostomia, Asthenia, Ataxia, Dizziness, Somnolence, Blurred vision, Nystagmus, Cardiac arrhythmia, Congestive heart failure, Eosinophilic myocarditis, Hypersensitivity, Syncope, Stevens-Johnson syndrome, Toxic epidermal necrolysis, Hypocalcemia, Hyponatremia, Water intoxication syndrome, Pancreatitis, Agranulocytosis, Aplastic anemia, Bone marrow depression, Eosinophilia, Leukopenia, Pancytopenia, Thrombocytopenia, Hepatitis, Hepatotoxicity, Liver failure, Drug hypersensitivity syndrome, Acute intermittent porphyria, Azotemia, Renal failure, Pulmonary hypersensitivity, Angioedema					
Divalproex Sodium* <i>Depakote</i> ® <i>Depakote ER</i> ® <i>Epitol</i> ® <i>Equetro</i> ®	Children 6 and Up	250 mg	500-2000 mg Target serum concentration 50 – 100 mcg/mL	Two to Three Times Daily Once Daily (ER)	Absence seizures (Ages 10 & older) Complex partial seizures (Ages 10 & older)
<b>Adverse Effects:</b> Abdominal pain, Diarrhea, Indigestion, Loss of appetite, Nausea, Vomiting, Asthenia, Dizziness, Anxiety, Headache, Insomnia, Somnolence, Tremor, Amblyopia, Blurred vision, Diplopia, Infectious disease, Influenza, Palpitations, Tachycardia, Hyperammonemia, Pancreatitis, Thrombocytopenia, Liver failure, Immune hypersensitivity reaction, Hyperammonemia encephalopathy					
Lithium* <i>Eskalith</i> ® <i>Eskalith</i> ®CR <i>Lithobid</i> ®	Children 6 and Up	15-20 mg/kg/2 or 3 divided doses	Serum level range: 0.4 – 1.0 mEq/L	Once to Three Times Daily	Bipolar disorder mania and maintenance (Ages 12 & older)
	Adolescents	300 mg/3 X per day	Note: 300mg Lithium Carbonate increases serum level by 0.2 – 0.4mEq/L		
<b>Adverse Effects:</b> Acne, Hypothyroidism, Weight increased, Gastritis, Nausea, Xerostomia, Leukocytosis, Fine tremor, Hyperreflexia, Nephrotoxicity, Polyuria, Increased thirst, Cardiac arrhythmias, Erythema multiforme, Ataxia, Seizure, Blurred vision, Tinnitus, Renal interstitial fibrosis, angioedema					

Medication Name	Age Group	Recommended Initial Dosage/Day	Recommended Maximum Dosages/Day	Schedule	FDA Approved Indications
<b>Mood Stabilizers</b>					
Lamotrigine* <i>Lamictal</i> ®	Children 6 and Up	2-5 mg	4.5-7.5 mg/kg	Once to Twice Daily	Lennox Gastaut syndrome (Ages 2 & older)
<i>Lamictal ODT</i> ® <i>Lamictal XR</i> ®	Adolescents	25 mg	225 mg/kg		Partial seizures (Ages 2 & older) Tonic Clonic seizures (Ages 2 & older)
<b>Adverse Effects:</b> Rash, Abdominal pain, Diarrhea, Indigestion, Nausea, Vomiting, Asthenia, Ataxia, Coordination problem, Dizziness, Headache, Insomnia, Somnolence, Tremor, Vertigo, Blurred vision, Diplopia, Anxiety, Depression, Dysmenorrhea, Rhinitis, Pain, Erythema multiforme, Stevens-Johnson syndrome, Toxic epidermal necrolysis, Leukopenia, Thrombocytopenia, Liver failure, Aseptic meningitis, Angioedema, Drug hypersensitivity syndrome					