

**DCF PSYCHOTROPIC MEDICATION MONITORING**  
**MAXIMUM DAILY DOSAGES**  
Reviewed April, 2017

MEDICATION	SUGGESTED MAXIMUM DAILY DOSAGE
<b>ANTIHYPERTENSIVES</b>	
Propranolol (Inderal)	60mg if <35kg, 120mg if >35kg based on TBW for children and adolescents ages 1-17 yrs old.
Prazosin (Minipress)	1mg/day: Starting dose all patients then: 2mg <=6yrs old 4mg >6yrs
<b>ATYPICAL ANTIPSYCHOTICS</b>	
Asenapine (Saphris)	20mg for children and adolescents 10-17yrs old
Aripiprazole (Abilify)	30mg for children and adolescents
Clozapine (Clozaril)	300mg for children 600mg for adolescents
Olanzapine (Zyprexa)	12.5mg for children 20mg for adolescents
Paliperidone (Invega)	6mg for adolescents <51kg 12mg for adolescents ≥51kg
Quetiapine (Seroquel)	600mg for children 800mg for adolescents
Risperidone (Risperdal)	4mg for children 6mg adolescents
Risperidone Consta (Risperdal)	>13yrs old 50mg every 2 weeks (consider MDD of 25mg for those patients being treated with fluoxetine or paroxetine).
Ziprasidone (Geodon)	160mg for children 180mg for adolescents
<b>TYPICAL ANTIPSYCHOTICS</b>	
Chlorpromazine (Thorazine)	200mg for children 400mg for adolescents
Fluphenazine (Prolixin)	5mg for children 10mg for adolescents
Fluphenazine decanoate (Prolixin)	>13yrs old 100mg every 2-4 weeks.
Haloperidol (Haldol)	Children 3-12yrs old or 15-40kg Schizophrenia: 6mg in 2-3 divided doses All other indications 3mg in 2-3 divided doses. Adolescents: 15mg in 2-3 divided doses.
Haloperidol decanoate (Haldol)	>13yrs old: 200mg every 4 weeks.
Molindone (Moban)	>12yrs old: 20mg/day for <30kg 40mg/day for >30kg
Perphenazine (Trilafon)	12mg for children 32mg for adolescents
Trifluoperazine (Stelazine)	10mg for children 15mg for adolescents
Thiothixene (Navane)	7mg for children 20mg for adolescents
<b>SSRI ANTIDEPRESSANTS</b>	
Citalopram (Celexa)	40mg for children and adolescents
Escitalopram (Lexapro)	20mg for children and adolescents
Fluoxetine (Prozac, Serefem)	60mg for children 80mg for adolescents
Fluvoxamine (Luvox)	200mg for children 300mg for adolescents

MEDICATION	SUGGESTED MAXIMUM DAILY DOSAGE
Sertraline (Zoloft)	200mg for children and adolescents
<b>TRICYCLIC ANTIDEPRESSANTS</b>	
Amitriptyline (Elavil)	3mg/kg for children based on TBW, 200mg for adolescents.
Clomipramine (Anafranil)	3mg/kg or 200mg (whichever is smaller) for children and adolescents based on TBW.
Desipramine (Norpramin)	5mg/kg for children based on TBW, 150mg for adolescents.
Imipramine (Tofranil)	5mg/kg for children based on TBW, 300mg for adolescents.
Nortriptyline (Aventyl, Pamelor)	150mg for adolescents.
<b>MISC. ANTIDEPRESSANTS</b>	
Bupropion (Wellbutin, Wellbutrin XL, SR)	300mg for children, 450mg for adolescents.
Duloxetine (Cymbalta)	120mg for children and adolescents 7-17 years of age.
Mirtazapine (Remeron)	45mg
Venlafaxine (Effexor, Effexor XR)	Not approved for use in children. 225mg for adolescents
<b>STIMULANTS</b>	
Amphetamine (Adderall, Adderall XR)	Children 3 to <6 yrs old: 0.5mg/kg Children 6yrs old and older: 40mg/day
Dextroamphetamine, (Dexedrine, Dextrostat)	40mg/day
Lisdexamfetamine (Vyvanse)	70mg/day
Methylphenidate (Focalin, Focalin XR)	100mg/day
Methylphenidate (Metadate CD, Metadate ER, Methylin, Methylin ER, Ritalin, Ritalin SR, Ritalin LA)	100mg/day
Methylphenadate (Concerta)	72mg/day.
Methylphenadate Patch (Daytrana Patch)	30mg/day
Methylphenadate Liquid ER (Quillivant)	60mg/day
<b>NON-STIMULANT &amp; ADHD MEDS</b>	
Clonidine (Catapres) (Kapvay)	0.4mg for children 6-12yrs old and adolescents
Guanfacine (Tenex) (Intuniv)	IR: 4mg for children and adolescents ER: weight based dosing not to exceed 4mg for children and 7mg for adolescents
Atomoxetine (Strattera)	100mg
Bupropion (Wellbutin, Wellbutrin XL, SR)	450mg
<b>MOOD STABILIZERS</b>	
Carbamazepine	< 6 yo: 35mg/kg/day 6-15 yo: 1000mg/day 16-18 yo: 1200mg/day  Therapeutic Range = 4-12 mcg/ml
Lamotrigine (Lamictal)	<u>2-12 Years of age</u> taking valproate: 200mg/day taking other anticonvulsants* but NOT valproate: 400mg/day NOT taking anticonvulsants: 300mg/day  <u>Older than 12 Years of age</u> taking valproate: 200mg/day taking other anticonvulsants* but NOT valproate: 500mg/day NOT taking anticonvulsants: 375mg/day  *carbamazepine, phenytoin, phenobarbital, primidone  <b>Please consult the full prescribing information for titration regimens.</b>
Lithium	<12 yo: safety and efficacy not established if under 25kg: 600mg 25-39kg: 900mg

MEDICATION	SUGGESTED MAXIMUM DAILY DOSAGE
	<ul style="list-style-type: none"> <li>• 40-50kg: 1200</li> <li>• &gt;50kg: 1500mg</li> <li>• final dose should be guided by serum levels</li> </ul> Therapeutic Range = 0.6-1.2 mEq/L
Valproic Acid	<ul style="list-style-type: none"> <li>• &lt;10 yo: safety and efficacy not established</li> <li>• 10 yo: 60mg/kg/day</li> <li>• children's range is up to 1200mg</li> <li>• adolescent's range is up to 2500</li> <li>• final dose should be guided by serum levels</li> </ul> Therapeutic Range = 50-125 mcg/ml
<b>OTHER ANTIANXIETY MEDICATIONS OR SLEEP AIDS</b>	
Diphenhydramine (Benadryl)	300mg
Hydroxyzine (Atarax) Hydroxyzine pamoate (Vistaril)	100mg
Trazodone	6mg/kg for children and adolescents 6-18 yrs old based on TBW to a maximum dose of 200mg/day.
Buspirone (Buspar)	40mg for children 60mg for adolescents
<b>BENZODIAZEPINES</b>	
Alprazolam (Xanax)	0.25mg for situational anxiety
Clonazepam (Klonopin)	2mg
Diazepam (Valium)	10mg
Lorazepam (Ativan)	0.08mg/kg up to a maximum dose of 4mg/day.
<b>MEDICATIONS TO COUNTERACT ANTICHOLINERGIC SIDE EFFECTS</b>	
Benzotropine (Cogentin)	4mg
Amantadine (Symmetrel)	150mg for children 1-9 yrs old, 200mg for >=10 yrs old.
Trihexyphenidyl (Artane)	0.75mg/kg based on TBW for children and adolescents up to a maximum of 30mg /day.
<b>OPIOID ANTAGONIST MEDICATIONS FOR SELF-INJURIOUS BEHAVIOR</b>	
Naltrexone (Revia)	2-3mg/kg/day
<b>Supplements</b>	
Melatonin	6mg/day

**References:**

Clinical Manual of Child and Adolescent Psychopharmacology, Robert L. Findling MD, 2008

Pediatric Psychopharmacology Fast Facts, Daniel F. Connor MD, Bruce M Meltzer, 2006

Clinical Handbook of Psychotropic Drugs for Children and Adolescents 2<sup>nd</sup> Revision, Kalyna Z. Bezchlibnyk-Blutler, Adil S. Virani, 2007

Child and Adolescent Clinical Psychopharmacology 4<sup>th</sup> edition, Wayne Hugo Green, 2007

Psychotropic Medication Utilization Parameters for Foster Children; Texas Department of State Health Services

American Academy of Child and Adolescent Psychiatry Practice Parameters for the assessment and treatment of children and adults with attention-deficit/hyperactivity disorder

Pediatric Lexi-Drugs, Lexi-Comp Institutional

Drugdex Evaluations, Micromedex 1.0