

# Judges' Reference Table for the March 2016 Psychotropic Medication Utilization Parameters for Foster Children

## Stimulants for treatment of ADHD

Drug (generic)	Drug (brand)	FDA Approved Maximum Dosage	Literature Based Maximum Dosage		
			Preschool (Ages 3-5 years)	Child (Ages 6-12 years)	Adolescent (Ages 13-17 years)
Amphetamine mixed salts	Adderall®	Approved for children 3 years and older: 40 mg/day	30 mg	60 mg	60 mg
	Evekeo®				
	Adderall®XR	Approved for children 6 years and older: 30 mg/day	30 mg	60 mg	60 mg
	Dyanavel®XR (oral suspension)	Approved for children 6 years and older: 20 mg/day	30 mg	60 mg	60 mg
	Adzenys®XR-ODT (oral disintegrating tablet)	Approved for children 6 years and older: • Ages 6-12 years: 18.8 mg/day • Ages 13-17 years: 12.5 mg/day	6.3 mg	18.8 mg	12.5 mg
Dextroamphetamine	Dexedrine®	Approved for children 3 years and older: 40 mg/day	30 mg	60 mg	60 mg
	Zenzedi®				
	Procentra® (oral suspension)				
	Dexedrine Spansule®	Age ≥ 6 years: 40 mg/day	30 mg	60 mg	60 mg
Lisdexamfetamine	Vyvanse®	Approved for children 6 years and older: 70 mg/day	30 mg	70 mg	70 mg

## Stimulants for treatment of ADHD (continued)

Drug (generic)	Drug (brand)	FDA Approved Maximum Dosage	Literature Based Maximum Dosage		
			Preschool (Ages 3-5 years)	Child (Ages 6-12 years)	Adolescent (Ages 13-17 years)
Methylphenidate	Ritalin®	Approved for children 6 years and older: 60 mg/day	20 mg	60 mg	100 mg
	Methylin® (chewable and oral suspension)				
	Ritalin®SR				
	Methylin®ER				
	Metadate®ER				
	Ritalin®LA				
	Metadate®CD				
	Quillivant®XR (oral suspension)				
	QuilliChew®ER (chewable)				
	Aptensio®XR				
Concerta®	Approved for children 6 years and older: • Age 6-12 years: 54 mg/day • Age 13-17 years: lesser of 72 mg/day or 2 mg/kg/day, whichever is less	36 mg	108 mg	108 mg	
Daytrana®TD patch	Approved for children 6 years and older: 30 mg/day	20 mg	30 mg	30 mg	
Dexmethylphenidate	Focalin®	Approved for children 6 years and older: 20 mg/day	10 mg	50 mg	50 mg
	Focalin®XR	Approved for children 6 years and older: 30 mg/day	10 mg	50 mg	50 mg

## Other ADHD Treatments

Drug (generic)	Drug (brand)	FDA Approved Maximum Dosage	Literature Based Maximum Dosage		
			Preschool (Ages 3-5 years)	Child (Ages 6-12 years)	Adolescent (Ages 13-17 years)
Atomoxetine	Strattera®	Approved for treatment of ADHD (age 6-17 years): 1.4 mg/kg/day or 100 mg/day, whichever is less	See note *	1.8 mg/kg/day or 100mg	1.8 mg/kg/day or 100mg
Clonidine	Catapres® (IR)	Not approved for treatment of ADHD in children and adolescents	See note *	0.4 mg	0.4 mg
	Kapvay® (ER)	Approved for monotherapy and adjunctive therapy to stimulants for treatment of ADHD (age 6-17 years): 0.4 mg/day	See note *	0.4 mg	0.4 mg
Guanfacine	Tenex® (IR)	Not approved for children and adolescents	See note *	4 mg	4 mg
	Intuniv® (ER)	Approved for monotherapy and adjunctive therapy to stimulants for treatment of ADHD • Age 6-12 years: 4 mg/day • Age 13-17 years: 7 mg/day	See note *	4 mg	7 mg
Bupropion	Wellbutrin®	Not approved for children and adolescents	See note *	6 mg/kg/day or 300 mg	6 mg/kg/day or 300 mg
	Wellbutrin®SR			400 mg	400 mg
	Wellbutrin®XL			450 mg	450 mg
Imipramine	Tofranil®	Approved for treatment of enuresis in children • Age 6-11 years: 2.5 mg/kg/day or 50 mg/day, whichever is less • Age ≥ 12 years: 2.5 mg/kg/day or 75 mg/day, whichever is less  Approved for treatment of depression ≥ 12 years: 100 mg/day	See note *	4 mg/kg/day or 200mg	4 mg/kg/day or 200 mg
Nortriptyline	Aventyl®	Not approved for children and adolescents	See note *	2 mg/kg/day or 100 mg	2 mg/kg/day or 100 mg
	Pamelor®				
	Nortrilen®				

\*Note: There is currently insufficient evidence for use and dosage in this age group. Off label use may occur when other medications have failed.

## Antidepressants, SSRIs

Drug (generic)	Drug (brand)	FDA Approved Maximum Dosage	Literature Based Maximum Dosage		
			Preschool	Child	Adolescent
Citalopram	Celexa®	Not approved for children and adolescents	See note *	Age 6-11 years: 40 mg	Age 12-17 years: 40 mg
Escitalopram	Lexapro®	<ul style="list-style-type: none"> <li>Not approved for children</li> <li>Approved for treatment of MDD in adolescents (age 12-17 years): 20 mg/day</li> </ul>	See note *	Age 6-11 years: 20 mg	Age 12-17 years: 30 mg
Fluoxetine	Prozac®	<ul style="list-style-type: none"> <li>Approved for treatment of MDD (age 8-18 years): 20 mg/day</li> <li>Approved for treatment of OCD (age 7-17 years): 60 mg/day</li> </ul>	See note *	Age 6-11 years: 60 mg	Age 12-17 years: 60 mg
Paroxetine	Paxil®	Not approved for children and adolescents	See note *	See note *	Age 12-17 years: 40 mg
	Paxil®CR			See note *	Age 12-17 years: 50 mg
Fluvoxamine	Luvox®	Approved for treatment of OCD (age 8-17 years):	See note *	Age 8-11 years: 200 mg	Age 12-17 years: 300 mg
	Luvox®CR	<ul style="list-style-type: none"> <li>Ages 8-11 years: 200 mg/day</li> <li>Ages 12-17 years: 300 mg/day</li> </ul>			
Sertraline	Zoloft®	Approved for treatment of OCD (age 6-17 years): 200 mg/day	See note *	Age 6-11 years: 200 mg	Age 12-17 years: 200 mg
Vilazodone	Viibryd®	Not approved for children and adolescents	See note *	See note *	See note *

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### Antidepressants, SNRIs

Drug (generic)	Drug (brand)	FDA Approved Maximum Dosage	Literature Based Maximum Dosage		
			Preschool	Child	Adolescent
Venlafaxine	Effexor®	Not approved for children and adolescents	See note *	Age 7-11 years: 150 mg	Age 12-17 years: 375 mg
	Effexor®XR				
Duloxetine	Cymbalta®	Approved for treatment of Generalized Anxiety Disorder Age 7-17 years: 120 mg/day	See note *	Age 7-11 years: 120 mg	Age 12-17 years: 120 mg
Desvenlafaxine	Pristiq®	Not approved for children and adolescents	See note *	See note *	Age 12-17 years: 100 mg
Levomilnacipram	Fetzima®	Not approved for children and adolescents	See note *	See note *	See note *
Clomipramine	Anafranil®	Approved for treatment of OCD: Age 10-17 years: 3 mg/kg/day or 200 mg/ day, whichever is less	See note *	Age 10-11 years: 200 mg	Age 12-17 years: 200 mg

### Antidepressants, Other Mechanisms

Drug (generic)	Drug (brand)	FDA Approved Maximum Dosage	Literature Based Maximum Dosage		
			Preschool	Child	Adolescent
Mirtazapine	Remeron®	Not approved for children and adolescents	Age 3-5 years: 45 mg	Age 6-11 years: 45 mg	Age 12-17 years: 45 mg
Vortioxetine	Trintellix®	Not approved for children and adolescents	See note *	See note *	See note *

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## Antipsychotics: Second Generation (Atypical)

Drug (generic)	Drug (brand)	FDA Approved Maximum Dosage	Literature Based Maximum Dosage		
			Preschool	Child	Adolescent
Aripiprazole	Abilify® Abilify Discmelt® (oral disintegrating tab) Abilify® (oral solution)	<ul style="list-style-type: none"> <li>Approved for treatment of Bipolar Mania or Mixed Episodes (age 10-17 years) and Schizophrenia (13-17 years): 30 mg/day</li> <li>Approved for treatment of irritability associated with Autistic Disorder (age 6-17 years): 15 mg/day</li> </ul>	Age 4-5 years: 15 mg	Age 6-11 years: 15 mg	Age 12-17 years: 30 mg
Quetiapine	Seroquel® Seroquel®XR	<ul style="list-style-type: none"> <li>Approved for treatment of Bipolar Mania (age 10-17 years): 600 mg/day</li> <li>Approved for treatment of Schizophrenia (13-17 years): 800 mg/day</li> </ul>	Age 5 years: 400 mg	<ul style="list-style-type: none"> <li>Age 6-9 years: 400mg</li> <li>Age 10-11 years: 800 mg</li> </ul>	Age 12-17 years: 800 mg
Olanzapine	Zyprexa® Zyprexa Zydis®	Approved for treatment of Bipolar Mania or Mixed Episodes and Schizophrenia (age 13- 17 years): 20 mg/day	Age 4-5 years: 12.5 mg	Age 6-11 years: 20 mg	Age 12-17 years: 20 mg
Risperidone	Risperdal® Risperdal M-Tab® (oral disintegrating tab) Risperdal® (oral solution)	<ul style="list-style-type: none"> <li>Approved for treatment of Schizophrenia (age 13-17 years) and Bipolar Mania or Mixed Episodes (age 10-17 years): 6mg/day</li> <li>Approved for treatment of irritability associated with autistic disorder (age 5-16 years): 3 mg/day</li> </ul>	Age 4-5 years: 3 mg	Age 6-11 years: 3 mg	Age 12-17 years: 6 mg
Clozapine	Clozaril® FazaClo® (oral disintegrating tablet) Versacloz® oral suspension	Not approved for children and adolescents	See note *	Age 8-11 years: 300 mg	Age 12-17 years: 600 mg
Asenapine	Saphris® (sublingual tablet)	Approved for acute treatment of Bipolar Mania and Mixed Episodes (age 10-17 years): 10 mg twice daily	See note *	Age 10-11 years: 20 mg	Age 12-17 years: 20 mg
Iloperidone	Fanapt®	Not approved for children and adolescents	See note *	See note *	See note *
Paliperidone	Invega®	Approved for treatment of Schizophrenia (age 12-17 years): <ul style="list-style-type: none"> <li>Weight &lt; 51 kg: 6 mg/day</li> <li>Weight ≥ 51 kg: 12 mg/day</li> </ul>	See note *	See note *	Age 12-17 years: 12 mg
Ziprasidone	Geodon®	Not approved for children and adolescents	See note *	Age 10-11 years: 80 mg	Age 12-17 years: 160 mg
Lurasidone	Latuda®	Not approved for children and adolescents	See note *	See note *	See note *
Brexipiprazole	Rexulti®	Not approved for children and adolescents	See note *	See note *	See note *

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### Antipsychotics: First Generation (Typical)

Drug (generic)	Drug (brand)	FDA Approved Maximum Dosage	Literature Based Maximum Dosage		
			Preschool	Child	Adolescent
Chlorpromazine	Thorazine®	<p>Approved for treatment of severe behavioral problems (age 6 months-12 years)</p> <ul style="list-style-type: none"> <li>• Outpatient Children: 0.55 mg/kg every 4-6 hours, as needed</li> <li>• Inpatient Children: 500 mg/day</li> </ul> <p>Approved for the management of manifestations of Psychotic Disorders (age &gt; 12 years): 1000 mg/day</p>	Age 3-5 years: 40 mg	Age 6-12 years: 75 mg	Age 13-17 years: 800 mg
Haloperidol	Haldol®	<p>Approved for treatment of Psychotic Disorders, Tourette's Disorder, and severe behavioral problems (age ≥3 years):</p> <ul style="list-style-type: none"> <li>• Psychosis: 0.15 mg/kg/day</li> <li>• Tourette's Disorder and severe behavioral problems: 0.075 mg/kg/day</li> <li>• Severely disturbed children: 6 mg/day</li> </ul>	Age 3-5 years: 3 mg	Age 6-12 years: 6 mg	Ages 13-17 years: 15 mg
Perphenazine	Trilafon®	<p>Approved for treatment of psychotic disorders (age ≥12 years):</p> <ul style="list-style-type: none"> <li>• Outpatient: 24 mg/day</li> <li>• Inpatient: 64 mg/day</li> </ul>	See note *	See note *	Age 13-17 years: 64 mg
Pimozide	Orap®	<p>Approved for treatment of Tourette's Disorder (age ≥12 years):</p> <p>10 mg/day or 0.2 mg/kg/ day, whichever is less</p>	See note *	Age 7-12 years: 6 mg	Age 13-17 years: 10 mg

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## Mood Stabilizers

Drug (generic)	Drug (brand)	FDA Approved Maximum Dosage	Literature Based Maximum Dosage		
			Preschool	Child	Adolescent
Carbamazepine	Epitol® (tab) Tegretol® (tab, oral suspension, chewable)	Approved for treatment of Seizure Disorders in all ages  • Age < 6 years: 35 mg/kg/day	Age 4-5 years: 35 mg/kg/day	Age 6-12 years: 800 mg	Age 13-17 years: 1000 mg Age 16-17 years: 1200 mg
	Tegretol®XR (tab) Carbatrol® (extended release capsule) Equetro® (extended release capsule)	• Age 6-15 years: 1000 mg/day  • Age >15 years: 1200 mg/day	See note *	See note *	See note *
Divalproex Sodium	Depakote® delayed- release tablets	Approved for treatment of Seizure Disorders (age ≥ 10 years)			
	Depakote® ER extended-release tablets Depakote® sprinkles	Maximum dose based upon serum level: 50-100 µg/mL, or 60 mg/kg/day	See note *	Age 6-12 years: Serum level- 125 µg/ml or 60 mg/kg/day	Age 13-17 years: Serum level- 125 µg/ml or 60 mg/kg/day
Lithium	Eskalith®	Approved for treatment of manic episodes and maintenance of Bipolar Disorder (age ≥ 12 years)  Maximum dose based upon 12 hour post dose serum level: 1.2 mEq/L	See note *	Age 6-12 years: Serum level- 1.2 mEq/L or 1800 mg	Age 13-17 years: Serum level- 1.2 mEq/L or 1800 mg
	Eskalith®CR				
	Lithobid®ER				
Lamotrigine	Lamictal®	Approved for adjunctive therapy for Seizure Disorders:  • Age 2-12: 400 mg/ day • Age >12: 500 mg/day (use > 200mg/day in adults for bipolar depression has not conferred additional efficacy)  Safety and effectiveness for treatment of Bipolar Disorder in patients younger than 18 years had not been established	See note *	Age 6-12 years: 15 mg/kg/day or 500 mg/day	Age 13-17 years: 15 mg/kg/day or 500 mg/day

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## Sedatives/Hypnotics

Drug (generic)	Drug (brand)	FDA Approved Maximum Dosage	Literature Based Maximum Dosage		
			Preschool	Child	Adolescent
Diphenhydramine	Benadryl®	Approved for treatment of insomnia (age ≥12 years): 50 mg at bedtime	Age 3-5 years: 12.5 mg	Age 6-12 years: 25 mg	Age 13-17 years: 50 mg
Trazodone	Desyrel®	Not approved for children or adolescents as a hypnotic	See note *	See note *	Age 13-17 years: 100 mg
Eszopiclone	Lunesta®	Not approved for children or adolescents	See note *	See note *	See note *
Melatonin	No brand name	Regulated by FDA as a dietary supplement and not as a medication (no FDA approved indications)	Age 3-5 years: 3 mg	Age 6-12 years: 6 mg	Age 13-17 years: 6 mg
Ramelteon	Rozerem®	Not approved for children or adolescents	See note *	See note *	See note *
Hydroxyzine	Vistaril®	Approved for treatment of anxiety and tension: <ul style="list-style-type: none"> <li>• Age &lt;6 years: 50 mg/day in divided doses</li> <li>• Age = 6 years: 50-100 mg/day in divided doses</li> </ul> Approved as a sedative when used as a premedication and following general anesthesia: 0.6 mg/kg	Age 3-5 years: 25 mg	Age 6-11 years: 50 mg	Age 12-17 years: 100 mg

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The full report of the *March 2016 Psychotropic Medication Utilization Parameters for Children and Youth in Foster Care* can be found at: [http://www.dfps.state.tx.us/Child\\_Protection/Medical\\_Services/guide-psychotropic.asp](http://www.dfps.state.tx.us/Child_Protection/Medical_Services/guide-psychotropic.asp)