

# *Judges' Reference Table for the September 2013 Psychotropic Medication Utilization Parameters for Foster Children*

## **Stimulants (for treatment of ADHD)**

| Generic Name                   | Trade Name         | FDA Approved Maximum Dosage for Children and Adolescents                          | FDA and/or Literature Based Maximum Dosage Child | FDA and/or Literature Based Maximum Dosage Adolescent |
|--------------------------------|--------------------|---|--|---|
| Amphetamine                    | Adderall           | Approved for children 3 years and older up to 40 mg/day                           | 60   | 60  |
| Amphetamine (extended release) | Adderall XR        | Approved for children 6 years and older up to 30 mg/day                           | 60   | 60  |
| Dexmethylphenidate             | Focalin            | Approved for children 6 years and older up to 20 mg/day                           | 50   | 50  |
| Dexmethylphenidate             | Focalin XR         | Approved for children 6 years and older up to 30 mg/day                           | 50   | 50  |
| Dextroamphetamine              | Dexedrine          | Approved for children 6 years and older up to 40 mg/day                           | 60   | 60  |
| Dextroamphetamine              | Dexedrine Spansule | Approved for children 6 years and older up to 40 mg/day                           | 60   | 60  |
| Lisdexamfetamine               | Vyvanse            | Approved for ADHD for children 6 years and older up to 70 mg/day                  | 70   | 70  |
| Methylphenidate                | Concerta           | Approved for children 6 years and older: Children 54 mg/day; Adolescent 72 mg/day | 108  | 108   |
| Methylphenidate                | Daytrana TD        | Approved for children 6 years and older up to 30 mg/day                           | 30   | 30  |
| Methylphenidate                | Metadate           | Approved for children 6 years and older up to 60 mg/day                           | 100  | 100   |
| Methylphenidate                | Metadate CD        | Approved for children 6 years and older up to 60 mg/day                           | 100  | 100   |
| Methylphenidate                | Methylin           | Approved for children 6 years and older up to 60 mg/day                           | 100  | 100   |
| Methylphenidate                | Methylin ER        | Approved for children 6 years and older up to 60 mg/day                           | 100  | 100   |
| Methylphenidate                | Ritalin            | Approved for children 6 years and older up to 60 mg/day                           | 100  | 100   |
| Methylphenidate                | Ritalin LA         | Approved for children 6 years and older up to 60 mg/day                           | 100  | 100   |
| Methylphenidate                | Ritalin SR         | Approved for children 6 years and old up to 60 mg/day                             | 100  | 100   |

## **Other ADHD Treatments**

| Generic Name                  | Trade Name | FDA Approved Maximum Dosage for Children and Adolescents                    | FDA and/or Literature Based Maximum Dosage Child | FDA and/or Literature Based Maximum Dosage Adolescent |
|-------------------------------|------------|---|--|---|
| Atomoxetine                   | Strattera  | Approved for children 6 years and older up to 1.4 mg/kg/day or ≤ 100 mg/day | 1.8 mg/kg/day or ≤ 100 mg/day                    | 1.8 mg/kg/day or ≤ 100 mg/day                         |
| Bupropion                     | Wellbutrin | Not approved for children and adolescents                                   | 6 mg/kg/day or ≤ 300                             | 6 mg/kg/day or ≤ 300                                  |
| Bupropion SR                  | Wellbutrin | Not approved for children and adolescents                                   | 6 mg/kg/day or ≤ 400                             | 6 mg/kg/day or ≤ 400                                  |
| Bupropion XL                  | Wellbutrin | Not approved for children and adolescents                                   | 6 mg/kg/day or ≤ 450                             | 6 mg/kg/day or ≤ 450                                  |
| Clonidine                     | Catapres   | Immediate release not approved for children and adolescents                 | 0.4  | 0.4   |
| Clonidine (extended release)  | Kapvay     | Extended release approved for children 6 and older up to 0.4 mg/day         | 0.4  | 0.4   |
| Guanfacine                    | Tenex      | Not approved for children and adolescents                                   | 4  | 4   |
| Guanfacine (extended release) | Intuniv    | Approved for ADHD in children 6 years and older up to 4 mg/day              | 4  | 4   |
| Imipramine                    | Tofranil   | Approved for Enuresis in children 6 years and older up to 2.5 mg/kg/day     | 4 mg/kg/day or ≤ 200 mg/day                      | 4 mg/kg/day or ≤ 200 mg/day                           |
| Nortriptyline                 | Aventyl    | Not approved for children and adolescents                                   | 2.5 mg/kg/day or ≤ 100                           | 2.5 mg/kg/day or ≤ 100                                |
| Nortriptyline                 | Nortrilen  | Not approved for children and adolescents                                   | 2.5 mg/kg/day or ≤ 100                           | 2.5 mg/kg/day or ≤ 100                                |
| Nortriptyline                 | Pamelor    | Not approved for children and adolescents                                   | 2.5 mg/kg/day or ≤ 100                           | 2.5 mg/kg/day or ≤ 100                                |

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## **Antidepressants, SSRIs**

| Generic Name | Trade Name | FDA Approved Maximum Dosage for Children and Adolescents   | FDA and/or Literature Based Maximum Dosage Child | FDA and/or Literature Based Maximum Dosage Adolescent |
|--------------|------------|--|--|---|
| Citalopram   | Celexa     | Not approved for children and adolescents  | 40   | 40  |
| Escitalopram | Lexapro    | Not approved for children. Approved for Major Depressive Disorder in adolescents (12-17 years) up to 20 mg/day | 20   | 30  |
| Fluoxetine   | Prozac     | Approved for children 8 years and older for MDD up to 20 mg/day and for OCD up to 60 mg/day.                   | 60   | 60  |
| Fluvoxamine  | Luvox      | Approved for treatment of OCD in ages 8-11 up to 200 mg/day and ages 12-17 up to 300 mg/day                    | 200  | 300   |
| Fluvoxamine  | Luvox CR   | Approved for treatment of OCD in ages 8-11 up to 200 mg/day and ages 12-17 up to 300 mg/day                    | 200  | 300   |
| Paroxetine   | Paxil      | Not approved for children and adolescents  | * (note below)                                   | 40  |
| Paroxetine   | Paxil CR   | Not approved for children and adolescents  | * (note below)                                   | 50  |
| Sertraline   | Zoloft     | Approved for treatment of OCD in children 6 years and older up to 200 mg/day                                   | 200  | 200   |

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

## **Antidepressants, SNRIs**

| Generic Name    | Trade Name | FDA Approved Maximum Dosage for Children and Adolescents | FDA and/or Literature Based Maximum Dosage Child | FDA and/or Literature Based Maximum Dosage Adolescent |
|-----------------|------------|--|--|---|
| Desevenlafaxine | Pristiq    | Not approved for children and adolescents                | * (note below)                                   | 100   |
| Duloxetine      | Cymbalta   | Not approved for children and adolescents                | * (note below)                                   | 60  |
| Venlafaxine     | Effexor XR | Not approved for children and adolescents                | 150  | 375   |

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

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## **Antipsychotics: Second Generation (Atypical)**

| Generic Name           | Trade Name | FDA Approved Maximum Dosage for Children and Adolescents   | FDA and/or Literature Based Maximum Dosage Child | FDA and/or Literature Based Maximum Dosage Adolescent |
|------------------------|------------|--|--|---|
| Aripiprazole           | Abilify    | Approved for Bipolar Mania or Mixed Episodes in pediatric patients (10 to 17 years) and Schizophrenia in adolescents (13-17 years) up to 30mg/day and for irritability associated with autistic disorder (6-17 years) up to 15mg/day | 15   | 30  |
| Asenapine (sublingual) | Saphris    | Not approved for children and adolescents  | * (note below)                                   |   |
| Clozapine              | Clozaril   | Not approved for children and adolescents  | 300  | 600   |
| Clozapine              | Fazaclor   | Not approved for children and adolescents  | 300  | 600   |
| lloperidone            | Fanapt     | Not approved for children and adolescents  | * (note below)                                   |   |
| Olanzapine             | Zyprexa    | Approved for Bipolar Mania or Mixed Episodes and Schizophrenia in adolescents (13-17 years) up to 20 mg/day. Not approved in children  | 12.5   | 20  |
| Paliperidone           | Invega     | Approved for Schizophrenia (12-17 years) up to 12 mg/day   | * (note below)                                   | 12  |
| Quetiapine             | Seroquel   | Approved for Bipolar Mania (10-17 years) and for Schizophrenia in adolescents (13-17 years) up to 600 mg/day. Not approved for children.   | 400  | 800   |
| Risperidone            | Risperdal  | Approved for Bipolar Mania or Mixed Episodes in children and adolescents (10-17 years) and Schizophrenia in adolescents (13-17 years) 6 mg/day and irritability associated with Autistic Disorder (5-16 years) 3 mg/day              | 3  | 6   |
| Ziprasidone            | Geodon     | Not approved for children and adolescents  | 80   | 160   |

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

## **Antipsychotics: First Generation**

| Generic Name   | Trade Name | FDA Approved Maximum Dosage for Children and Adolescents   | FDA and/or Literature Based Maximum Dosage Child | FDA and/or Literature Based Maximum Dosage Adolescent |
|----------------|------------|--|--|---|
| Chlorpromazine | Thorazine  | Approved for treatment of severe behavioral problems in children (6 months to 12 years). Outpatient Children: 0.25mg/pound every 4-6 hours. Inpatient Children: 500mg/day in older children. Adolescents 1000 mg/day                         | 75   | 800   |
| Haloperidol    | Haldol     | Approved for treatment of Psychotic Disorders, Tourette's Disorder, and severe behavioral problems in children 3 years and older. Psychosis: 0.15mg/kg/day. Tourette's and severe behavioral problems: 0.075mg/kg/day. Maximum dose: 6mg/day | 0.15 mg/kg/day up to 7.5                         | 0.15 mg/kg/day up to 15                               |
| Perphenazine   | Trilafon   | Approved for treatment of psychotic disorders in adolescents 12 years and older up to 64mg/day   | 6  | 64  |
| Pimozide       | Orap       | Approved for treatment of Tourette's Disorder in adolescents 12 years and older up to 10mg/day   | 0.2 mg/kg/day up to 6                            | 0.2 mg/kg/day up to 10                                |

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## Mood Stabilizers

| Generic Name        | Trade Name  | FDA Approved Maximum Dosage for Children and Adolescents   | FDA and/or Literature Based Maximum Dosage Child | FDA and/or Literature Based Maximum Dosage Adolescent |
|---------------------|-------------|--|--|---|
| Carbamazepine       | Carbitrol   | Approved for Seizure Disorders in all ages. Maximum dosages; Under 6 years: 35 mg/kg/day, 6-12 years: 800mg/day, 12-15 years: 1000 mg/day, >15 years: 1200 mg/day  | 800  | 1200  |
| Carbamazepine       | Tegretol    | Approved for Seizure Disorders in all ages. Maximum dosages; Under 6 years: 35 mg/kg/day, 6-12 years: 800mg/day, 12-15 years: 1000 mg/day, >15 years: 1200 mg/day  | 800  | 1200  |
| Carbamazepine       | Tegretol XR | Approved for Seizure Disorders in all ages. Maximum dosages; Under 6 years: 35 mg/kg/day, 6-12 years: 800mg/day, 12-15 years: 1000 mg/day, >15 years: 1200 mg/day  | 800  | 1200  |
| Divalproex (sodium) | Depakote    | Approved for Seizure Disorders in 10 years and older Maximum dose based upon serum level. Serum level: 50-100 mcg/ml or 60 mg/kg/day   | Serum level: 50-125 mcg/ml or 60 mg/kg/day       | Serum level: 50-125 mcg/ml or 60 mg/kg/day            |
| Lamotrigine         | Lamictal    | Approved for adjunctive therapy for Seizure Disorders in 2 years and older up to 500 mg/day. Safety and effectiveness for treatment of Bipolar Disorder in patients below 18 years has not been established. | 15 mg/kg/day up to 500                           | 15 mg/kg/day up to 500                                |
| Lithium             | Eskalith    | Approved for manic episodes and maintenance of Bipolar Disorder in 12 years and older up to a blood serum level of 0.6-1.2 mEq/L   | Serum level: 1.2 mEq/L                           | Serum level: 1.2 mEq/L                                |
| Lithium             | Eskalith CR | Approved for manic episodes and maintenance of Bipolar Disorder in 12 years and older up to a blood serum level of 0.6-1.2 mEq/L   | Serum level: 1.2 mEq/L                           | Serum level: 1.2 mEq/L                                |
| Lithium             | Lithobid    | Approved for manic episodes and maintenance of Bipolar Disorder in 12 years and older up to a blood serum level of 0.6-1.2 mEq/L   | Serum level: 1.2 mEq/L                           | Serum level: 1.2 mEq/L                                |
| Oxycarbazine        | Trileptal   | Approved for seizure disorders as monotherapy in age $\geq$ 4 years or adjunctive therapy in age $\geq$ 2 years: 60 mg/kg/day or 1800 mg/day   | 60 mg/kg/day or 1500 mg/day                      | 2100 mg/day   |

## Sedatives/Hypnotics

| Generic Name    | Trade Name | FDA Approved Maximum Dosage for Children and Adolescents  | FDA and/or Literature Based Maximum Dosage Child   | FDA and/or Literature Based Maximum Dosage Adolescent |
|-----------------|------------|---|--|---|
| Diphenhydramine | Benadryl®  | Approved for treatment of insomnia (age $\geq$ 12 years): 50 mg at bedtime  | 25 mg  | 50 mg   |
| Trazadone       | Desyrel®   | Not approved for children or adolescents  | * (note below)                                     | 100 mg  |
| Melatonin       |            | Not reviewed by FDA   | Age 3-6: 3 mg<br>Age $\geq$ 6 years: 6 mg          | 6 mg  |
| Hydroxyzine*    | Vistaril®  | Approved for treatment of anxiety and tension:<br>• Age <6 years: 50 mg/day<br>• Age $\geq$ 6 years: 50-100 mg/day<br><br>Approved as a sedative when used as a premedication and following general anesthesia: 0.6 mg/kg | Age 3-6 years: 25 mg/day<br>Age 6-12: years: 50 mg | 100 mg  |

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