

## Child Behavioral Pharmacy Management Program Changes

This is to let you know of changes the Michigan Pharmacy Quality Improvement Project (PQIP) has made based on feedback received regarding dosing of behavioral health medications for children. These changes affect the high dose tables.

Using recently developed consensus guidelines, Comprehensive NeuroScience (CNS), on behalf of Michigan and other states, convened a stakeholders' workgroup to determine highest appropriate doses of psychotropic medications for children. The dosing table below is a consensus-developed table based on the best evidence to date. Two age bands were established for each class of medication – one for which prescribing any dose is generally not considered usual prescribing (and therefore the highest customary dose is listed as 0) and an older age-band for which prescribing is considered usual when clinically indicated. The tables below, which were reviewed and approved by Michigan's PQIP Workgroup, list the suggested highest customary doses. If you find the need to prescribe doses which are not reflected in the dosing table, the prescriber should clearly document in the patient's record the rationale for the prescribing and may choose to consider a second opinion from a specialist or expert in the area of concern.

### Highest Customary Dose for Children or Adolescents

DRUG	<6 yrs	6-17yrs
<b><u>Antipsychotics</u></b>		
Aripiprazole	0	30
Clozapine	0	600
Fluphenazine	0	10
Fluphenazine Decanoate	0	0
Haloperidol	0	10
Haloperidol Decanoate	0	0
Olanzapine	0	20
Perphenazine	0	40
Quetiapine	0	800
Ziprasidone	0	160

DRUG	<5 yrs	5-17yrs
<b><u>Antipsychotics</u></b>		
Risperidone	0	6
Risperidone Microspheres	0	0

Highest Customary Dose for Children or Adolescents (continued)

DRUG	<4 yrs	4-17yrs
<b>Stimulants and other ADHD agents Stimulant Preparations</b>		
Amphetamine	0	60
Dextroamphetamine	0	60
Mixed Amphetamine Salts	0	60
Dexmethylphenidate	0	40
Methamphetamine	0	0
Methylphenidate SA	22.5	80
Methylphenidate IA	0	100
Methylphenidate	0	108
Modafinil	0	0
<b>Selective Serotonin Reuptake Inhibitor/Non-ADHD Agent</b>		
Atomoxetine	0	100
<b>Alpha-2 Adrenergic Agonists</b>		
Clonidine	0	0.4
Guanfacine	0	4

DRUG	<6 yrs	6-17yrs
<b>Antidepressants</b>		
Amitriptyline	0	100
Amoxapine	0	0
Bupropion	0	300
Citalopram	0	40
Clomipramine	0	100
Desipramine	0	0
Doxepin	0	0
Escitalopram	0	30
Fluoxetine	0	40
Fluvoxamine	0	200
Imipramine	0	200
Maprotiline	0	0
Nortriptyline	0	100
Paroxetine	0	40
Protriptyline	0	0
Sertraline	0	200
Trimipramine	0	0
Venlafaxine	0	300