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Atypical Oral Antipsychotic Medications

Generic Name	Brand Name	Dosage Forms	Starting dose	Max Daily Dose	Notes
Aripiprazole	Abilify	2 mg, 5mg, 10mg, 15 mg, 20 mg, 30 mg Oral dissolving tablet: 10 mg, 15 mg Liquid 1mg/ml	Oral: 2-5 mg	Oral: 30 mg	Can help to lower the prolactin level if it has been raised by other medications Works as partial agonist of Dopamine and Serotonin, whereas other antipsychotic medications are primarily Dopamine antagonists
Asenapine	Saphris	2.5 mg, 5 mg, 10 mg (sublingual)	2.5 mg	20 mg	Sublingual, NOT swallowed; no PO for 10 minutes after; Usually BID dosing
Clozapine	Clozaril	25 mg, 50 mg, 100 mg, 200 mg Oral dissolving tablet: 12.5 mg, 25 mg, 100 mg, 150 mg, 200 mg Liquid 50 mg/ml 25 mg, 50 mg, 100 mg, 200 mg Oral dissolving tablet: 12.5 mg, 25 mg, 100 mg, 150 mg, 200 mg Liquid 50 mg/ml	25 mg	600-900 mg	May cause agranulocytosis, increase seizure risk; Patient-specific registry (REMS) and requires highly regulated monitoring protocol; rarely prescribed by primary care physicians
Lurasidone	Latuda	20 mg, 40 mg, 60 mg, 80 mg, 120 mg	20 mg	160 mg (80-160)	Take with food (at least 350 cal)
Olanzapine	Zyprexa	2.5 mg, 5 mg, 7.5 mg, 10 mg, 15 mg, 20 mg Oral dissolving tablet: 5 mg, 10 mg, 15 mg, 20 mg	5 mg	20-30 mg	Metabolic effects can be prominent, associated with prolactin elevation
Paliperidone	Invega	1.5 mg, 3 mg, 6 mg, 9 mg	1.5-3 mg	12 mg	Metabolite of risperidone with less hepatic metabolism Associated with prolactin elevation Tablets are XR OROS delivery system, an advanced controlled release system
Quetiapine Extended Release	Seroquel XR	XR 50 mg, 150 mg, 200 mg, 300 mg, 400 mg	50 mg	800 mg daily	Allows for once daily quetiapine dosing
Quetiapine	Seroquel	25 mg, 50 mg, 100 mg, 200 mg, 300 mg, 400mg	25-50 mg	800 mg (Divided BID)	Can cause excessive sedation, orthostasis Associated with less EPS
Risperidone	Risperdal	0.25 mg, 0.5 mg, 1 mg, 2mg, 3 mg, 4 mg Oral dissolving tab: 0.5 mg, 1 mg, 2 mg, 3 mg, 4 mg Liquid 1 mg/1 ml	0.25-0.5 mg	4-6 mg (Divided BID)	Associated with prolactin elevation, gynecomastia Dose-dependent EPS
Ziprasidone	Geodon	20 mg, 40 mg, 60 mg, 80 mg	10-20 mg	160 mg (Divided BID)	Can cause QTc prolongation Take with food (at least 500 cal)

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Newest Antipsychotic Medications (Use of these agents in children and adolescents is off-label and not currently mainstream practice)					
Generic Name	Brand Name	Dosage Forms	Starting Dose	Max Dose	Notes
Brexipiprazole	Rexulti	0.25 mg, 0.5 mg, 1 mg, 2 mg, 3 mg, 4 mg			
Cariprazine	Vraylar	1.5 mg, 3 mg, 4.5 mg, 6 mg			
lloperidone	Fanapt	1 mg, 2 mg, 4 mg, 6 mg, 8 mg, 10 mg, 12 mg			Can cause QTc prolongation, orthostasis
Lumateperone	Caplyta	42 mg			

Antipsychotics: Long-Acting Injectable Medications (Consultation with a psychiatrist is recommended prior to initiation and monitoring.)		
Generic Name	Brand Name	Dosing Forms
Aripiprazole	Abilify Maintena	300 mg, 400 mg
Aripiprazole	Abilify Aristada	441 mg, 662 mg, 882 mg, 1064mg
Olanzapine	Zyprexa Relprevv	210 mg, 300 mg, 405 mg
Paliperidone	Invega Sustenna	39 mg, 78 mg, 117 mg, 156 mg, 234 mg
Paliperidone	Invega Trinza	273 mg, 410 mg, 546 mg, 819 mg
Risperidone	Risperdal Consta	12.5 mg, 25 mg, 37.5 mg, 50 mg

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Atypical Antipsychotic FDA Approvals by Age Groups (Empty boxes not FDA approved)						
	Manic/mixed, acute	Manic/mixed, maint.	Bipolar - depressed	Schizoaffective d/o	Schizophrenia	Aggression in ASD
Aripiprazole	≥10	≥10			≥13	≥6
Asenapine	≥10				≥18	
Brexpiprazole					≥18	
Cariprazine	≥18				≥18	
Iloperidone					≥18	
Lumateperone					≥18	
Lurasidone			≥10		≥13	
Olanzapine	≥13			≥13		
Paliperidone			≥18	≥18	≥12	
Quetiapine	≥10 (manic, not mixed)				≥13	
Risperidone	≥10				≥13	≥5
Ziprasidone	≥18				≥18	

Monitoring Guidelines for Most Atypical Antipsychotics (not clozapine):				
	Baseline	3 mo. after starting	6 monthly	Annually
CBC/diff	X			X
Fasting BMP (incl. glucose)			X	X
Fasting Glucose	X			
LFTs	X	X	X	X
Fasting Lipid Panel	X		X	X
Height/weight/BMI	X	X		X
HR/BP	X	X		X
AIMS (for tardive dyskinesia)	X	X		X

Monitoring Guidelines for Most Atypical Antipsychotics (not clozapine):	
Prolactin	EKG
<p>Recommendations vary: Consider checking at baseline and 6 months if taking risperidone/paliperidone or symptomatic (breast enlargement, nipple discharge, changes in menstruation and sexual functioning);</p>	<p>Check if:</p> <ol style="list-style-type: none"> 1) fam hx of prolonged QT or sudden cardiac death in 1st-degree relatives 2) personal hx of murmur, arrhythmia, tachycardia at rest, dizziness/syncope on exertion 3) co-treatment with another QTc-prolonging med