

CLASS 6: CLASS HANDOUT #10: 2ND-GENERATION "ATYPICAL" ANTIPSYCHOTICS

Generic Name	Brand Name	Dosage Range (mg/day)	Side Effects	Relief of Symptoms
Clozapine Recently approved for treatment of recurrent suicidal behavior in individuals with schizophrenia or schizo-affective disorder.	Clozaril Fazaelo Quick dissolving form of clozapine	12.5 to 900	Weight gain; Sedation Salivation; Seizures Danger of agranulocytosis Risk of pancreatitis Weekly, then bi-weekly white blood cell test Sexual dysfunction Warning of rare but potentially fatal heart inflammation (myocarditis), particularly in the first 3-6 weeks of treatment Risk of Type 2 Diabetes	Low EPS; no dyskinesia Improves negative symptoms Improves feeling and thought processes Lowers risk of suicide Takes 6 months or more to show full effectiveness
Risperidone (IM injectable version due in 2004)	Risperdal* Risperdal® M-TAB® (quick dissolving tablets) Risperdal Consta (long-lasting IM)	2 to 16	Moderate weight gain Headache; Sedation Dizziness; Anxiety Sexual dysfunction May cause EPS at higher doses Risk of Type 2 Diabetes	More globally effective than neuroleptics. Improves negative symptoms. No agranulocytosis. No blood tests.
Aripiprazole	Abilify* Abilify IM Abilify DiscMelt (quick dissolving tablets)	15 to 30 once daily	Insomnia Headache Nausea Nervousness	Improves adherence to medication regimen.
Olanzapine	Zyprexa* "Zydis" tablets Relprevv (IM) Symbyax Antidepressant /antipsychotic	5 to 20	Weight gain Sedation; dizziness Less sexual side effects Constipation Risk of Type 2 Diabetes	
Quetiapine Fumarate (Low potency)	Seroquel* Seroquel XR (extended-release tablets)	50 to 750	Less Weight gain Sedation; headache Less sexual side effects Indigestion Risk of Type 2 Diabetes	Weight neutral Less Sexual side effects Improved tolerability

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Lurasidone	Latuda	40 to 80	Akathisia Drowsiness Muscle Stiffness	Weight-neutral
Ziprasidone	Geodon Geodon IM	40 to 160	Headache; sleepiness; Heart rhythm problems; Less sexual side effects	Weight-neutral
Asenapine	Saphris	Sublingual tablets 5 to 10 twice daily	Akathisia, dry mouth, sleepiness, weight gain	
Haloperidone	Fanapt	12-24 twice daily	Fatigue Sleepiness	Weight-neutral, tolerability
Paliperidone	Invega ER Palmitate Invega Sustenna (Long-lasting IM)	3 to 12	Restlessness, EPS Drowsiness Headaches Nausea Rapid heartbeat	
WARNING	<p>The FDA requires all atypical anti-psychotic drugs labeling to include a warning about prescribing the drugs for people at risk for hyperglycemia and diabetes.</p> <p>* FDA approved for treatment of acute bipolar mania</p> <p><u>Source:</u> DiBattista, C. and Schatzberg, A. <u>The Black Book of Psychotropic Dosing and Monitoring</u>, (2010)</p>			

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