

# Antidepressant Comparison: Advanced Clinical Reference



## Comparative Pharmacology and Clinical Applications

This comprehensive reference provides detailed comparisons between antidepressant classes for psychiatric prescribers, with evidence-based clinical pearls and monitoring recommendations.



### Mechanism of Action and Receptor Pharmacology

CLASS	PRIMARY MECHANISM	RECEPTOR PROFILE	CLINICAL IMPLICATIONS
● SSRIs (Chu & Wadhwa, 2023)	Serotonin reuptake inhibition	<ul style="list-style-type: none"> <li>• 5-HT transporter: + +++</li> <li>• NE transporter: +/0</li> <li>• DA transporter: 0 • 5-HT<sub>2C</sub>: 0/+</li> <li>• H<sub>1</sub>: 0/+</li> </ul>	<ul style="list-style-type: none"> <li>• Delayed onset (2-4 weeks)</li> <li>• Sexual dysfunction common</li> <li>• Minimal weight gain (except paroxetine)</li> <li>• Low lethality in overdose</li> </ul>
● SNRIs (Sansone & Sansone, 2014)	Serotonin and norepinephrine reuptake inhibition	<ul style="list-style-type: none"> <li>• 5-HT transporter: + +++</li> <li>• NE transporter: +/+ ++++</li> <li>• DA transporter: 0/+</li> <li>• α<sub>1</sub>: +</li> <li>• H<sub>1</sub>: 0/+</li> </ul>	<ul style="list-style-type: none"> <li>• May help somatic symptoms</li> <li>• Blood pressure effects</li> <li>• Potentially more activating</li> <li>• Withdrawal symptoms common</li> </ul>
● NDRIs (Yu et al., 2020)	Norepinephrine and dopamine reuptake inhibition	<ul style="list-style-type: none"> <li>• NE transporter: ++</li> <li>• DA transporter: ++</li> <li>• 5-HT transporter: 0</li> <li>• nAChR: +</li> <li>• H<sub>1</sub>: 0</li> </ul>	<ul style="list-style-type: none"> <li>• Activating/energizing</li> <li>• Low sexual dysfunction</li> <li>• Weight neutral/loss</li> <li>• Seizure risk at higher doses</li> </ul>
● TCAs (Moraczewski & Aedma, 2023)	Multiple monoamine reuptake inhibition and receptor antagonism	<ul style="list-style-type: none"> <li>• 5-HT transporter: + ++</li> <li>• NE transporter: +++</li> <li>• H<sub>1</sub>: +++</li> <li>• α<sub>1</sub>: +++</li> <li>• mAChR: +++</li> </ul>	<ul style="list-style-type: none"> <li>• Significant side effects</li> <li>• Cardiac conduction effects</li> <li>• Anticholinergic effects</li> <li>• High lethality in overdose</li> </ul>

			overdose
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🟡 MAOIs Monoamine oxidase inhibition

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CLASS	PRIMARY MECHANISM	RECEPTOR PROFILE	CLINICAL IMPLICATIONS
		<ul style="list-style-type: none"> <li>MAO-A: ++++</li> <li>MAO-B: ++/+++</li> <li>Tyramine metabolism: ↓↓↓</li> <li>Indirect effect on all monoamines</li> </ul>	<ul style="list-style-type: none"> <li>Dietary restrictions</li> <li>Drug interactions</li> <li>Hypertensive crisis risk</li> <li>Effective for atypical depression</li> </ul> <p>(Laban &amp; Saadabadi, 2023)</p>
🔴 Atypical Antidepressants	Various mechanisms	<ul style="list-style-type: none"> <li>Varies by agent</li> <li>Often multimodal</li> <li>Receptor-specific effects</li> <li>Less reuptake inhibition</li> </ul>	<ul style="list-style-type: none"> <li>Unique side effect profiles</li> <li>Often used for specific symptoms</li> <li>Variable sexual effects</li> <li>Variable weight effects</li> </ul>



### Comparative Efficacy for Major Depressive Disorder

MEDICATION	OVERALL EFFICACY	MELANCHOLIC FEATURES	ATYPICAL FEATURES	ANXIOUS DISTRESS	MIXED FEATURES
🔵 Escitalopram (Lam & Ali, 2011)	★★★★★ • First-line • Well tolerated • Consistent efficacy	★★★★☆☆ • Moderate efficacy • May need higher doses • Often requires augmentation	★★★★☆ • Moderate efficacy • Weight gain possible • Sedation can help hypersomnia	★★★★☆ • Strong anxiolytic effects • Good for comorbid anxiety • May need higher doses	★★★★☆ • Limited efficacy • May worsen mixed symptoms • Monitor for activation
🔵 Sertraline (Adjei et al., 2023)	★★★★★ • First-line • Well tolerated • Mild DA effects at higher doses	★★★★☆☆ • Moderate efficacy • Higher doses more effective • DA effects may help	★★★★☆ • Moderate efficacy • Less weight gain than paroxetine • Activating at higher doses	★★★★☆ • Strong anxiolytic effects • FDA-approved for multiple anxiety disorders • Good for comorbid	★★★★☆ • Limited efficacy • May worsen mixed symptoms • Monitor for activation

				PTSD/ OCD	
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Fluoxetine(Adjei et al., 2023)

• First-line • Activating profile • Long half life

★★★★☆  
 • Moderate efficacy  
 • Activating properties helpful  
 • May help psychomotor retardation

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 ★★★☆☆  
 • Moderate

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efficacy comorbid OCD  
 • Less effective for hypersomnia • Better than other SSRIs • May worsen insomnia Approved for bipolar depression with olanzapine

★★★★☆  
 • Moderate anxiolytic effects •

Initial activation

may worsen anxiety  
 • Good for

★★★★☆

MEDICATION	OVERALL EFFICACY	MELANCHOLIC FEATURES	ATYPICAL FEATURES	ANXIOUS DISTRESS	MIXED FEATURES
					• Monitor for activation
Venlafaxine (de Silva & Hanwella, 2012)	★★★★★ • Possibly superior efficacy • Dose dependent NE effects • Higher doses more effective	★★★★☆ • Strong efficacy • Dual-action beneficial • Good for severe depression	★★★★☆ • Moderate efficacy • Less effective for hypersomnia • Activating properties	★★★★☆ • Strong anxiolytic effects • FDA-approved for multiple anxiety disorders • Initial activation may worsen anxiety	★★★★☆ • Limited efficacy • May worsen mixed symptoms • Monitor for activation/ switching
Duloxetine (Gartlehner et al., 2009)	★★★★★ • First-line • Balanced 5- HT/NE effects • Good for pain syndromes	★★★★☆ • Strong efficacy • Dual-action beneficial • Good for somatic symptoms	★★★★☆ • Moderate efficacy • Less weight gain than paroxetine • Less effective for hypersomnia	★★★★☆ • Strong anxiolytic effects • FDA-approved for GAD • Good for somatic anxiety	★★★★☆ • Limited efficacy • May worsen mixed symptoms • Monitor for activation/ switching

● Bupropion (Maneetton et al., 2013)	★★★★★ • Second-line Activating profile • Less effective than SSRIs/SNRIs	★★★★★ • Moderate efficacy • Helpful for fatigue/ psychomotor retardation • Less effective for core mood symptoms	★★★★★ • Strong efficacy • Helpful for hypersomnia/ fatigue • Weight neutral/loss	★★★★★ • May worsen anxiety • Activating properties problematic • Not for comorbid anxiety	★★★★★ • Better for mixed features • Less risk of switching • Helpful for ADHD symptoms
□ Amitriptyline (Mathur et al., 2002)	★★★★★ • Effective but not first-line • Significant side effects • Good for pain/ insomnia	★★★★★ • Very strong efficacy • Historically preferred • Sedation helps hypersomnia • Weight gain problematic	★★★★★ • Moderate efficacy • Sedation helps hypersomnia • Weight gain problematic	★★★★★ • Moderate anxiolytic effects • Sedation helps anxiety • Initial anticholinergic effects may worsen	★★★★★ • Limited efficacy • May worsen mixed symptoms • Higher switch risk

□ Phenelzine ★★★★★ • Very effective • Not first-line due to safety ★★★★★	• Moderate efficacy • Less preferred than for atypical ★★★★★	Superior efficacy • Historically preferred ★★★★★ than for atypical ★★★★★	anxiety • Limited efficacy • May worsen anxiolytic effects • mixed Good for social
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MEDICATION	OVERALL EFFICACY	MELANCHOLIC FEATURES	ATYPICAL FEATURES	ANXIOUS DISTRESS	MIXED FEATURES
	• Good for treatment resistant cases	• Historically used for severe cases	• Helps hyperphagia/ hypersomnia	• Good for panic disorder	symptoms • High switch risk
□ Mirtazapine (Mathur et al., 2002)	★★★★★ • Effective • Rapid onset of sleep/ appetite effects • Unique mechanism	★★★★★ • Moderate efficacy • Sedation helps insomnia • Weight gain helps anorexia	★★★★★ • Strong efficacy • Sedation helps hypersomnia • Weight gain problematic	★★★★★ • Strong anxiolytic effects • 5-HT <sub>2A/2C</sub> blockade beneficial • Sedation helps anxiety	★★★★★ • Better than SSRIs/SNRIs • Less activation • Monitor for sedation

## □ Pharmacokinetics and Dosing Considerations

MEDICATION	HALF-LIFE	METABOLISM	DOSING STRATEGY	THERAPEUTIC CONSIDERATIONS
Escitalopram (Drugs.com, 2019)	<ul style="list-style-type: none"> <li>27-32 hours</li> <li>Active S-enantiomer</li> <li>Steady state: 7-10 days</li> </ul>	<ul style="list-style-type: none"> <li>CYP2C19 (major)</li> <li>CYP3A4 (minor)</li> <li>Few active metabolites</li> <li>Minimal inhibition of CYPs</li> </ul>	<ul style="list-style-type: none"> <li>Start: 10mg daily</li> <li>Therapeutic: 10-20mg daily</li> <li>Elderly: 5-10mg daily</li> <li>Once daily dosing</li> </ul>	<ul style="list-style-type: none"> <li>Superior efficacy to citalopram</li> <li>Better tolerability than citalopram</li> <li>Less dose-dependent QT prolongation</li> <li>Fewer drug interactions than most SSRIs</li> </ul>
Sertraline (Singh & Saadabadi, 2023)	<ul style="list-style-type: none"> <li>26 hours</li> <li>N-desmethylsertraline: 62-104 hours</li> <li>Steady state: 7 days</li> </ul>	<ul style="list-style-type: none"> <li>Multiple CYPs</li> <li>CYP2B6, 2C9, 2C19, 2D6, 3A4</li> <li>Weak inhibitor of CYP2D6</li> <li>Moderate inhibitor of CYP2B6</li> </ul>	<ul style="list-style-type: none"> <li>Start: 50mg daily</li> <li>Therapeutic: 50-200mg daily</li> <li>Elderly: 25-50mg daily</li> <li>Once daily dosing</li> </ul>	<ul style="list-style-type: none"> <li>Mild dopaminergic effects at higher doses</li> <li>Dose-dependent efficacy</li> <li>Fewer drug interactions than most SSRIs</li> <li>Good choice with polypharmacy</li> </ul>
Fluoxetine (Durbin, 2022)	<ul style="list-style-type: none"> <li>2-4 days</li> <li>Norfluoxetine: 7-15 days</li> <li>Steady state: 4-5 weeks</li> </ul>	<ul style="list-style-type: none"> <li>CYP2D6 (major)</li> <li>CYP2C9, 3A4 (minor)</li> <li>Strong inhibitor of CYP2D6</li> <li>Moderate inhibitor of CYP2C9, 3A4</li> </ul>	<ul style="list-style-type: none"> <li>Start: 20mg daily</li> <li>Therapeutic: 20-80mg daily</li> <li>Elderly: 10mg daily</li> <li>Once daily dosing</li> </ul>	<ul style="list-style-type: none"> <li>Long half-life beneficial for adherence</li> <li>Significant drug interactions</li> <li>Weekly dosing possible for maintenance</li> <li>Activating profile</li> </ul>

MEDICATION	HALF-LIFE	METABOLISM	DOSING STRATEGY	THERAPEUTIC CONSIDERATIONS
Venlafaxine (Singh & Saadabadi, 2024)	<ul style="list-style-type: none"> <li>5 hours</li> <li>O-desmethylvenlafaxine: 11 hours</li> <li>Steady state: 3-4 days</li> </ul>	<ul style="list-style-type: none"> <li>CYP2D6 (major)</li> <li>CYP3A4 (minor)</li> <li>Active metabolite (desvenlafaxine)</li> <li>Weak inhibitor of CYP2D6</li> </ul>	<ul style="list-style-type: none"> <li>Start: 37.5-75mg daily</li> <li>Therapeutic: 150-375mg daily</li> <li>Elderly: 37.5mg daily</li> <li>BID dosing (IR), daily (XR)</li> </ul>	<ul style="list-style-type: none"> <li>Dose-dependent NE effects (&gt;150mg)</li> <li>XR formulation better tolerated</li> <li>Significant discontinuation syndrome</li> <li>BP monitoring at higher doses</li> </ul>

<input type="checkbox"/> Duloxetine	<ul style="list-style-type: none"> <li>• 12 hours</li> <li>• No significant active metabolites</li> <li>• Steady state: 3-5 days</li> </ul>	<ul style="list-style-type: none"> <li>• CYP1A2 (major)</li> <li>• CYP2D6 (major)</li> <li>• Moderate inhibitor of CYP2D6</li> <li>• Smoking reduces levels (CYP1A2)</li> </ul>	<ul style="list-style-type: none"> <li>• Start: 30mg daily</li> <li>• Therapeutic: 60-120mg daily</li> <li>• Elderly: 30mg daily</li> <li>• Once or twice daily dosing</li> </ul>	<ul style="list-style-type: none"> <li>• Balanced 5-HT/NE effects at all doses</li> <li>• Enteric coating (don't crush/chew)</li> <li>• Take consistently with/ without food</li> <li>• FDA-approved for pain conditions</li> </ul>
<input type="checkbox"/> Bupropion	<ul style="list-style-type: none"> <li>• IR: 14 hours</li> <li>• SR: 21 hours</li> <li>• XL: 24 hours</li> <li>• Active metabolites: hydroxybupropion</li> </ul>	<ul style="list-style-type: none"> <li>• CYP2B6 (major)</li> <li>• Multiple active metabolites</li> <li>• Moderate inhibitor of CYP2D6</li> <li>• Minimal effect on other CYPs</li> </ul>	<ul style="list-style-type: none"> <li>• IR: 100mg TID (max 450mg/day)</li> <li>• SR: 150mg BID (max 400mg/day)</li> <li>• XL: 150-300mg daily</li> <li>• Allow 8 hours between doses</li> </ul>	<ul style="list-style-type: none"> <li>• Seizure risk dose dependent</li> <li>• Different formulations not equivalent mg-per mg</li> <li>• Morning dosing to prevent insomnia</li> <li>• Avoid in eating disorders (seizure risk)</li> </ul>
<input type="checkbox"/> Amitriptyline <b>(Thour &amp; Marwaha, 2023)</b>	<ul style="list-style-type: none"> <li>• 10-50 hours</li> <li>• Nortriptyline: 18-44 hours</li> <li>• Steady state: 4-8 days</li> </ul>	<ul style="list-style-type: none"> <li>• CYP2D6 (major)</li> <li>• CYP2C19, 3A4 (minor)</li> <li>• Active metabolite (nortriptyline)</li> <li>• Substrate of P glycoprotein</li> </ul>	<ul style="list-style-type: none"> <li>• Start: 25-50mg at bedtime</li> <li>• Therapeutic: 75-300mg daily</li> <li>• Elderly: 10-25mg at bedtime</li> <li>• Once daily dosing at bedtime</li> </ul>	<ul style="list-style-type: none"> <li>• Therapeutic plasma level: 80-200 ng/mL</li> <li>• Significant anticholinergic effects</li> <li>• Significant antihistaminic effects</li> <li>• Significant cardiac effects</li> </ul>

<input type="checkbox"/> Phenelzine	<p>weeks</p> <ul style="list-style-type: none"> <li>• Steady state: 7-10 days</li> <li>• 11.6 hours</li> <li>• MAO recovery: 2</li> </ul>	<p>irreversible</p> <ul style="list-style-type: none"> <li>• Multiple</li> <li>• Acetylation (major)</li> <li>• MAO inhibition</li> </ul> <p>5</p> <ul style="list-style-type: none"> <li>• Start: 15mg TID</li> </ul>	<ul style="list-style-type: none"> <li>• Therapeutic: 45-90mg daily</li> <li>• Elderly: 15mg</li> <li>• Dietary tyramine</li> </ul>	<p>restrictions</p> <ul style="list-style-type: none"> <li>• Numerous drug interactions</li> <li>• 2-week washout</li> </ul>
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MEDICATION	HALF-LIFE	METABOLISM	DOSING STRATEGY	THERAPEUTIC CONSIDERATIONS
		<ul style="list-style-type: none"> <li>metabolic pathways</li> <li>• Minimal CYP involvement</li> </ul>	<ul style="list-style-type: none"> <li>daily-BID</li> <li>• Divided dosing (TID QID)</li> </ul>	<ul style="list-style-type: none"> <li>before/after other antidepressants</li> <li>• BP monitoring required</li> </ul>

<input type="checkbox"/> Mirtazapine (Jilani et al., 2024)	<ul style="list-style-type: none"> <li>20-40 hours</li> <li>Demethylmirtazapine: similar</li> <li>Steady state: 5-6 days</li> </ul>	<ul style="list-style-type: none"> <li>CYP1A2, 2D6, 3A4</li> <li>Multiple pathways</li> <li>Minimal effect on CYPs</li> <li>Few significant interactions</li> </ul>	<ul style="list-style-type: none"> <li>Start: 15mg at bedtime</li> <li>Therapeutic: 15-45mg daily</li> <li>Elderly: 7.5-15mg at bedtime</li> <li>Once daily dosing at bedtime</li> </ul>	<ul style="list-style-type: none"> <li>Sedation decreases at higher doses</li> <li>Weight gain dose dependent</li> <li>Orally disintegrating tablet available</li> <li>Less sexual dysfunction than SSRIs</li> </ul>
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## Adverse Effects and Management Strategies

MEDICATION CLASS	COMMON ADVERSE EFFECTS	SERIOUS ADVERSE EFFECTS	MANAGEMENT STRATEGIES	CONTRAINdications
<input type="checkbox"/> SSRIs (Santarsieri & Schwartz, 2015)	<ul style="list-style-type: none"> <li>Nausea/GI distress</li> <li>Sexual dysfunction</li> <li>Insomnia/somnolence</li> <li>Headache</li> <li>Activation/jitteriness</li> </ul>	<ul style="list-style-type: none"> <li>Serotonin syndrome</li> <li>Hyponatremia</li> <li>Abnormal bleeding</li> <li>QT prolongation (citalopram)</li> <li>Discontinuation syndrome</li> </ul>	<ul style="list-style-type: none"> <li>GI effects: take with food, temporary</li> <li>Sexual dysfunction: dose reduction, drug holiday, add bupropion</li> <li>Insomnia: morning dosing</li> <li>Activation: start low, titrate slowly</li> <li>Discontinuation: taper gradually</li> </ul>	<ul style="list-style-type: none"> <li>MAOIs within 14 days</li> <li>Pimozide (with certain SSRIs)</li> <li>Thioridazine (with CYP2D6 inhibitors)</li> <li>Linezolid, IV methylene blue</li> <li>Congenital long QT (citalopram)</li> </ul>
<input type="checkbox"/> SNRIs (Santarsieri & Schwartz, 2015)	<ul style="list-style-type: none"> <li>Nausea/GI distress</li> <li>Sexual dysfunction</li> <li>Increased blood pressure</li> <li>Headache</li> <li>Dry mouth</li> </ul>	<ul style="list-style-type: none"> <li>Serotonin syndrome</li> <li>Hyponatremia</li> <li>Abnormal bleeding</li> <li>Hepatotoxicity (duloxetine)</li> <li>Severe discontinuation syndrome</li> </ul>	<ul style="list-style-type: none"> <li>GI effects: take with food, temporary</li> <li>BP effects: monitor BP, dose reduction</li> <li>Sexual dysfunction: similar to SSRIs</li> <li>Discontinuation: taper very gradually</li> <li>Hepatotoxicity: LFT monitoring</li> </ul>	<ul style="list-style-type: none"> <li>MAOIs within 14 days</li> <li>Uncontrolled hypertension</li> <li>Severe renal impairment (duloxetine)</li> <li>Hepatic impairment (duloxetine)</li> <li>Linezolid, IV methylene blue</li> </ul>

• Insomnia

• Seizures (dose)

• Insomnia: morning

• Seizure disorder

Bupropion

- Headache
- dependent)
- dosing, avoid evening
- Current/prior bulimia or

MEDICATION CLASS	COMMON ADVERSE EFFECTS	SERIOUS ADVERSE EFFECTS	MANAGEMENT STRATEGIES	CONTRAINdications
	<ul style="list-style-type: none"> <li>• Dry mouth</li> <li>• Nausea</li> <li>• Anxiety/agitation</li> </ul>	<ul style="list-style-type: none"> <li>• Hypertension</li> <li>• Psychosis (rare)</li> <li>• Angle-closure glaucoma</li> <li>• Allergic reactions</li> </ul>	<ul style="list-style-type: none"> <li>• Seizure risk: stay within dose limits</li> <li>• Anxiety: start low, titrate slowly</li> <li>• Dry mouth: hydration, sugar-free gum</li> <li>• Headache: usually temporary</li> </ul>	<ul style="list-style-type: none"> <li>anorexia</li> <li>• MAOIs within 14 days</li> <li>• Abrupt discontinuation of alcohol/sedatives</li> <li>• Severe hepatic/renal impairment</li> </ul>
<input type="checkbox"/> TCAs (Moraczewski & Aedma, 2023)	<ul style="list-style-type: none"> <li>• Anticholinergic effects</li> <li>• Sedation</li> <li>• Orthostatic hypotension</li> <li>• Weight gain</li> <li>• Cardiac conduction changes</li> </ul>	<ul style="list-style-type: none"> <li>• Cardiac arrhythmias</li> <li>• Seizures in overdose</li> <li>• Severe anticholinergic toxicity</li> <li>• Paralytic ileus</li> <li>• Serotonin syndrome (with other agents)</li> </ul>	<ul style="list-style-type: none"> <li>• Anticholinergic: hydration, sugar-free gum</li> <li>• Orthostatic hypotension: rise slowly, hydration</li> <li>• Cardiac: baseline ECG, monitoring</li> <li>• Sedation: bedtime dosing</li> <li>• Weight gain: diet, exercise, monitoring</li> </ul>	<ul style="list-style-type: none"> <li>• Recent MI</li> <li>• QT prolongation</li> <li>• Heart block</li> <li>• MAOIs within 14 days</li> <li>• Severe prostatic hypertrophy</li> </ul>
<input type="checkbox"/> MAOIs (Laban & Saadabadi, 2023)	<ul style="list-style-type: none"> <li>• Orthostatic hypotension</li> <li>• Insomnia</li> <li>• Weight gain</li> <li>• Sexual dysfunction</li> <li>• Edema</li> </ul>	<ul style="list-style-type: none"> <li>• Hypertensive crisis</li> <li>• Serotonin syndrome</li> <li>• Hepatotoxicity</li> <li>• Hypoglycemia</li> <li>• Peripheral neuropathy</li> </ul>	<ul style="list-style-type: none"> <li>• Dietary restrictions: low-tyramine diet</li> <li>• Orthostatic hypotension: rise slowly, hydration</li> <li>• Insomnia: morning dosing</li> <li>• Edema: sodium restriction, elevation</li> <li>• BP monitoring: home monitoring</li> </ul>	<ul style="list-style-type: none"> <li>• Pheochromocytoma</li> <li>• Carcinoid tumor</li> <li>• Serotonergic medications</li> <li>• Sympathomimetics</li> <li>• Aged/fermented foods</li> </ul>

Mirtazapine	<ul style="list-style-type: none"> <li>Sedation</li> <li>Weight gain</li> <li>Dry mouth</li> <li>Constipation</li> <li>Dizziness</li> </ul>	<ul style="list-style-type: none"> <li>Agranulocytosis (rare)</li> <li>Severe neutropenia</li> <li>Seizures (rare)</li> <li>Serotonin syndrome (with other agents)</li> <li>Angle-closure glaucoma</li> </ul>	<ul style="list-style-type: none"> <li>Sedation: bedtime dosing, may improve</li> <li>Weight gain: diet, exercise, monitoring</li> <li>Dry mouth: hydration, sugar-free gum</li> <li>Higher doses less sedating (receptor profile)</li> <li>Orally disintegrating tablet for adherence</li> </ul>	<ul style="list-style-type: none"> <li>MAOIs within 14 days</li> <li>Severe hepatic/renal impairment (relative)</li> <li>History of agranulocytosis</li> <li>Angle-closure glaucoma</li> <li>Severe CNS depression</li> </ul>
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MEDICATION CLASS	SIGNIFICANT INTERACTIONS	EFFECT ON OTHER DRUGS	COMBINATION STRATEGIES	PREGNANCY CONSIDERATIONS
SSRIs (Dobrea et al., 2024)	<ul style="list-style-type: none"> <li>MAOIs: serotonin syndrome</li> <li>TCAs: ↑ TCA levels</li> <li>Warfarin: ↑ bleeding risk</li> <li>Tramadol: seizure/ serotonin syndrome risk</li> <li>NSAIDs: ↑ bleeding risk</li> </ul>	<ul style="list-style-type: none"> <li>Fluoxetine/ paroxetine: strong CYP2D6 inhibition</li> <li>Fluvoxamine: strong CYP1A2, 2C19 inhibition</li> <li>Sertraline: mild moderate CYP2D6 inhibition</li> <li>Escitalopram: minimal CYP inhibition</li> </ul>	<ul style="list-style-type: none"> <li>With bupropion: ↓ sexual dysfunction</li> <li>With mirtazapine: ↓ sexual dysfunction, ↑ efficacy</li> <li>With antipsychotics: monitor for ↑ levels</li> <li>With anticonvulsants: generally safe</li> <li>With stimulants: monitor for serotonin syndrome</li> </ul>	<ul style="list-style-type: none"> <li>Category C</li> <li>Paroxetine: Category D</li> <li>Third trimester: PPHN risk, neonatal adaptation syndrome</li> <li>Breastfeeding: sertraline preferred</li> <li>Pregnancy registries available</li> </ul>

<input type="checkbox"/> SNRIs <b>(Leonard, 2024)</b>	<ul style="list-style-type: none"> <li>MAOIs: serotonin syndrome</li> <li>TCAs: ↑ TCA levels</li> <li>Warfarin: ↑ bleeding risk</li> <li>Tramadol: seizure/ serotonin syndrome risk</li> <li>NSAIDs: ↑ bleeding risk</li> </ul>	<ul style="list-style-type: none"> <li>Duloxetine: moderate CYP2D6 inhibition</li> <li>Venlafaxine: mild CYP2D6 inhibition</li> <li>Desvenlafaxine: minimal CYP inhibition</li> <li>Levomilnacipran: minimal CYP inhibition</li> </ul>	<ul style="list-style-type: none"> <li>With bupropion: ↓ sexual dysfunction, caution with BP</li> <li>With mirtazapine: ↓ sexual dysfunction, ↑ efficacy</li> <li>With antipsychotics: monitor for ↑ levels</li> <li>With anticonvulsants: generally safe</li> <li>With stimulants: monitor BP, serotonin syndrome</li> </ul>	<ul style="list-style-type: none"> <li>Category C</li> <li>Third trimester: similar risks to SSRIs</li> <li>Limited data compared to SSRIs</li> <li>Breastfeeding: limited data</li> <li>Pregnancy registries available</li> </ul>
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Bupropion inhibition
 

- MAOIs: minimal effect on hypertensive crisis
- other CYPs

 Antipsychotics: ↑ seizure risk
 

- Levodopa: ↑ adverse effects
- Ritonavir: ↑
- Moderate CYP2D6 ↓ efficacy of

tamoxifen (CYP2D6) ↑ levels of TCAs, 8
 

- With SSRIs/SNRIs: ↓ sexual dysfunction, ↑

• efficacy
 

- With antipsychotics: monitor for ↑
- Category C
- Limited human data
- No clear association with major

malformations
 

- Breastfeeding: limited data

#### NexGen Psychiatry Starter Kit

MEDICATION CLASS	SIGNIFICANT INTERACTIONS	EFFECT ON OTHER DRUGS	COMBINATION STRATEGIES	PREGNANCY CONSIDERATIONS
	bupropion levels <ul style="list-style-type: none"> <li>Carbamazepine: ↓ bupropion levels</li> </ul>	antipsychotics, β blockers	levels, seizure risk <ul style="list-style-type: none"> <li>With stimulants: monitor for ↑ BP, seizure risk</li> <li>With anticonvulsants: monitor for ↓ bupropion efficacy</li> <li>With NRT: approved for smoking cessation</li> </ul>	<ul style="list-style-type: none"> <li>Pregnancy registry available</li> </ul>

<input type="checkbox"/> TCAs <b>(Moraczewski &amp; Aedma, 2023)</b>	<ul style="list-style-type: none"> <li>MAOIs: serotonin syndrome, hyperpyrexia</li> <li>SSRIs/SNRIs: ↑ TCA levels</li> <li>Class I antiarrhythmics: ↑ cardiac effects</li> <li>Anticholinergics: ↑ anticholinergic effects</li> <li>Clonidine: hypertensive crisis</li> </ul>	<ul style="list-style-type: none"> <li>Minimal effect on CYP enzymes</li> <li>Additive effects with other anticholinergics</li> <li>Additive effects with other sedatives</li> <li>Additive QT prolongation</li> <li>Antagonize guanethidine, clonidine</li> </ul>	<ul style="list-style-type: none"> <li>With SSRIs: monitor TCA levels, start low</li> <li>With antipsychotics: ↑ anticholinergic, sedation, QT</li> <li>With anticonvulsants: monitor TCA levels</li> <li>With stimulants: monitor for cardiac effects</li> <li>With thyroid: augmentation strategy</li> </ul>	<ul style="list-style-type: none"> <li>Category C</li> <li>First trimester: possible ↑ malformations</li> <li>Third trimester: neonatal adaptation syndrome</li> <li>Breastfeeding: nortriptyline preferred</li> <li>Limited recent data</li> </ul>
<input type="checkbox"/> MAOIs <b>(Laban &amp; Saadabadi, 2023)</b>	<ul style="list-style-type: none"> <li>Serotonergic agents: fatal serotonin syndrome</li> <li>Sympathomimetics: hypertensive crisis</li> <li>Meperidine/tramadol: fatal reactions</li> <li>Dopaminergic agents: hypertensive crisis</li> <li>Tyramine containing foods: hypertensive crisis</li> </ul>	<ul style="list-style-type: none"> <li>Irreversible inhibition of MAO</li> <li>↑ effects of all monoamines</li> <li>↑ effects of sympathomimetics</li> <li>↑ effects of indirect-acting sympathomimetics</li> <li>↑ hypoglycemic effects of insulin/sulfonylureas</li> </ul>	<ul style="list-style-type: none"> <li>2-week washout before/after other antidepressants</li> <li>5-week washout after fluoxetine</li> <li>With stimulants: generally contraindicated</li> <li>With anticonvulsants: generally safe</li> <li>With bupropion: contraindicated</li> </ul>	<ul style="list-style-type: none"> <li>Category C</li> <li>Very limited human data</li> <li>Generally avoided during pregnancy</li> <li>Breastfeeding: generally avoided</li> <li>Consider alternatives when possible</li> </ul>

<input type="checkbox"/> Mirtazapine • MAOIs: serotonin syndrome • Clonidine: ↓ clonidine effects	Warfarin: rare cases • Minimal effect on CYP enzymes	inhibition or induction 9 • With SSRIs/SNRIs: ↓	sexual dysfunction, ↑ efficacy • With bupropion: • Category C • Limited human data	No clear association with major malformations
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NexGen Psychiatry Starter Kit

MEDICATION CLASS	SIGNIFICANT INTERACTIONS	EFFECT ON OTHER DRUGS	COMBINATION STRATEGIES	PREGNANCY CONSIDERATIONS
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	<ul style="list-style-type: none"> <li>of ↑ INR</li> <li>• Benzodiazepines: ↑ sedation</li> <li>• Alcohol: ↑ sedation</li> </ul>	<ul style="list-style-type: none"> <li>• Minimal effect on other drugs</li> <li>• Additive effects with other sedatives</li> <li>• Additive effects with other antihistamines</li> </ul>	<ul style="list-style-type: none"> <li>↓ weight gain, ↑ efficacy</li> <li>• With antipsychotics: monitor for ↑ sedation, weight</li> <li>• With anticonvulsants: generally safe</li> <li>• With TCAs: monitor for ↑ sedation, anticholinergic</li> </ul>	<ul style="list-style-type: none"> <li>• Breastfeeding: limited data</li> <li>• Consider risk/benefit carefully</li> </ul>
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## Neuropsychiatric Effects and Cognitive Impact

MEDICATION CLASS	COGNITIVE EFFECTS	NEUROPSYCHIATRIC EFFECTS	LONG-TERM CONSIDERATIONS	PATIENT SELECTION FACTORS
SSRIs (Rosenblat et al., 2015)	<ul style="list-style-type: none"> <li>• Minimal cognitive impairment</li> <li>• Possible word finding difficulties</li> <li>• Possible emotional blunting</li> <li>• Improved cognition with depression remission</li> <li>• Concentration difficulties (initial)</li> </ul>	<ul style="list-style-type: none"> <li>• Activation syndrome (10-25%)</li> <li>• Apathy/indifference</li> <li>• Emotional blunting</li> <li>• Rare SIADH/ hyponatremia</li> <li>• Rare extrapyramidal symptoms</li> </ul>	<ul style="list-style-type: none"> <li>• Generally well tolerated long-term</li> <li>• Sexual dysfunction often persists</li> <li>• Possible bone density effects</li> <li>• Possible weight gain over time</li> <li>• Discontinuation syndrome risk</li> </ul>	<ul style="list-style-type: none"> <li>• First-line for most depression</li> <li>• Good for anxious depression</li> <li>• Caution in bipolar disorder</li> <li>• Caution in elderly (falls, hyponatremia)</li> <li>• Avoid in sexual dysfunction</li> </ul>
SNRIs (Rosenblat et al., 2015)	<ul style="list-style-type: none"> <li>• Minimal cognitive impairment</li> <li>• Possible improvement in attention</li> <li>• Possible emotional blunting</li> <li>• Improved cognition with depression remission</li> <li>• Concentration difficulties (initial)</li> </ul>	<ul style="list-style-type: none"> <li>• Activation syndrome (15-30%)</li> <li>• Increased blood pressure</li> <li>• Emotional blunting</li> <li>• Rare SIADH/ hyponatremia</li> <li>• Significant discontinuation syndrome</li> </ul>	<ul style="list-style-type: none"> <li>• BP monitoring recommended</li> <li>• Sexual dysfunction often persists</li> <li>• Discontinuation more difficult than SSRIs</li> <li>• Possible bone density effects</li> <li>• Generally stable efficacy</li> </ul>	<ul style="list-style-type: none"> <li>• Good for pain comorbidity</li> <li>• Good for fatigue/ low energy</li> <li>• Caution in uncontrolled hypertension</li> <li>• Caution in bipolar disorder</li> <li>• Avoid in significant cardiovascular disease</li> </ul>

MEDICATION CLASS	COGNITIVE EFFECTS	NEUROPSYCHIATRIC EFFECTS	LONG-TERM CONSIDERATIONS	PATIENT SELECTION FACTORS
	<ul style="list-style-type: none"><li>• Minimal cognitive impairment</li><li>• Possible improvement in attention</li><li>• Activating effects</li><li>• Improved concentration</li><li>• No emotional blunting</li></ul>	<ul style="list-style-type: none"><li>• Insomnia (common)</li><li>• Anxiety/agitation</li><li>• Rare psychosis</li><li>• Rare seizures (dose dependent)</li><li>• No sexual dysfunction</li></ul>	<ul style="list-style-type: none"><li>• Weight neutral/ weight loss</li><li>• No sexual dysfunction</li><li>• No discontinuation syndrome</li><li>• Stable efficacy long term</li><li>• Continued seizure risk</li></ul>	<ul style="list-style-type: none"><li>• Good for fatigue/ low energy</li><li>• Good with sexual dysfunction concerns</li><li>• Good for atypical depression</li><li>• Avoid in seizure disorders</li><li>• Avoid in eating disorders</li></ul>
<input type="checkbox"/> TCAs (Moraczewski & Aedma, 2023)	<ul style="list-style-type: none"><li>• Significant cognitive impairment</li><li>• Anticholinergic effects</li><li>• Memory impairment</li><li>• Confusion (especially elderly)</li><li>• Sedation</li></ul>	<ul style="list-style-type: none"><li>• Delirium risk</li><li>• Significant sedation</li><li>• Rare induction of mania</li><li>• Rare extrapyramidal symptoms</li><li>• Cardiac conduction changes</li></ul>	<ul style="list-style-type: none"><li>• Anticholinergic burden increases over time</li><li>• Tolerance to some side effects</li><li>• Weight gain often continues</li><li>• Cardiac monitoring recommended</li><li>• Possible dementia risk</li></ul>	<ul style="list-style-type: none"><li>• Consider for treatment resistant cases</li><li>• Good for pain syndromes</li><li>• Avoid in elderly</li><li>• Avoid in cardiac disease</li><li>• Avoid in prostatic hypertrophy</li></ul>
<input type="checkbox"/> MAOIs (Laban & Saadabadi, 2023)	<ul style="list-style-type: none"><li>• Minimal cognitive impairment</li><li>• Possible improvement in attention</li><li>• Insomnia can affect cognition</li><li>• Orthostatic hypotension effects</li><li>• Improved cognition with depression remission</li></ul>	<ul style="list-style-type: none"><li>• Insomnia (common)</li><li>• Orthostatic hypotension</li><li>• Rare hypertensive crisis</li><li>• Activation</li><li>• Higher switch risk in bipolar</li></ul>	<ul style="list-style-type: none"><li>• Dietary restrictions ongoing</li><li>• Drug interaction risk ongoing</li><li>• Weight gain may continue</li><li>• BP monitoring required</li><li>• Peripheral neuropathy risk</li></ul>	<ul style="list-style-type: none"><li>• Consider for atypical depression</li><li>• Consider for treatment resistant cases</li><li>• Good for social anxiety</li><li>• Avoid in non adherent patients</li><li>• Avoid in elderly (falls risk)</li></ul>



### Mirtazapine

- Sedation (dose dependent)
- Minimal cognitive impairment at higher doses
- Improved sleep architecture
- Antihistaminic effects
- Significant sedation (lower doses)
- Less sedation at higher doses
- Rare neutropenia • Vivid dreams
- Minimal activation 11

- Weight gain often continues
- Tolerance to sedation develops • Stable efficacy long term
- Minimal discontinuation syndrome
- Good for insomnia/anxiety • Good for appetite/weight loss
- Good for elderly (minimal drug interactions)
- Avoid with

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MEDICATION CLASS	COGNITIVE EFFECTS	NEUROPSYCHIATRIC EFFECTS	LONG-TERM CONSIDERATIONS	PATIENT SELECTION FACTORS
	<ul style="list-style-type: none"> <li>• Improved cognition with depression remission</li> </ul>		<ul style="list-style-type: none"> <li>• Minimal sexual dysfunction</li> </ul>	<ul style="list-style-type: none"> <li>significant weight concerns</li> <li>• Avoid when sedation problematic</li> </ul>



### Clinical Pearls and Practical Considerations

MEDICATION	UNIQUE ADVANTAGES	CLINICAL PEARLS	COMMON PITFALLS	PATIENT EDUCATION POINTS
Escitalopram (Boyce & Ma, 2021)	<ul style="list-style-type: none"> <li>• Cleanest SSRI pharmacologically</li> <li>• Minimal drug interactions</li> <li>• Well-tolerated</li> <li>• Once daily dosing • Generic availability</li> </ul>	<ul style="list-style-type: none"> <li>• 10mg often sufficient</li> <li>• S-enantiomer of citalopram</li> <li>• Less QT concerns than citalopram</li> <li>• Fewer side effects than most SSRIs</li> </ul>	<ul style="list-style-type: none"> <li>• Underdosing in severe depression • Missing early activation syndrome</li> <li>• Overlooking sexual dysfunction</li> <li>• Abrupt</li> </ul>	<ul style="list-style-type: none"> <li>• Take in morning if activating</li> <li>• Sexual side effects common</li> <li>• Full effect takes 2-4 weeks</li> <li>• Don't stop without</li> </ul>

		<ul style="list-style-type: none"> <li>• Good first-line choice</li> </ul>	<ul style="list-style-type: none"> <li>discontinuation</li> <li>• Overlooking emotional blunting</li> </ul>	<ul style="list-style-type: none"> <li>consulting provider</li> <li>• Report any suicidal thoughts</li> </ul>
<input checked="" type="checkbox"/>	<ul style="list-style-type: none"> <li>• Mild dopaminergic effects</li> <li>• Fewer drug interactions than most SSRIs</li> <li>• Good anxiolytic properties</li> <li>• Once daily dosing</li> <li>• Generic availability</li> </ul>	<ul style="list-style-type: none"> <li>• Start 25-50mg, titrate weekly</li> <li>• Therapeutic dose: 50-200mg</li> <li>• Take with food (GI effects)</li> <li>• Liquid formulation available</li> <li>• Good choice with polypharmacy</li> </ul>	<ul style="list-style-type: none"> <li>• Underdosing (50mg often insufficient)</li> <li>• Missing GI side effects</li> <li>• Overlooking sexual dysfunction</li> <li>• Abrupt discontinuation</li> <li>• Overlooking diarrhea</li> </ul>	<ul style="list-style-type: none"> <li>• Take with food to reduce GI effects</li> <li>• Sexual side effects common</li> <li>• Full effect takes 2-4 weeks</li> <li>• Higher doses often more effective</li> <li>• Report any suicidal thoughts</li> </ul>
<input checked="" type="checkbox"/>	<ul style="list-style-type: none"> <li>• Dose-dependent NE effects</li> <li>• Possibly superior efficacy</li> <li>• Multiple formulations</li> <li>• Good anxiolytic properties</li> <li>• Generic availability</li> </ul>	<ul style="list-style-type: none"> <li>• NE effects emerge <math>&gt;150\text{mg}</math> daily</li> <li>• XR formulation better tolerated</li> <li>• Monitor BP at higher doses</li> <li>• Significant discontinuation syndrome</li> <li>• Therapeutic dose: 150-225mg</li> </ul>	<ul style="list-style-type: none"> <li>• Underdosing (75mg often insufficient)</li> <li>• Missing BP elevation</li> <li>• Overlooking discontinuation risk</li> <li>• Abrupt discontinuation</li> <li>• Overlooking drug interactions</li> </ul>	<ul style="list-style-type: none"> <li>• Take with food to reduce GI effects</li> <li>• Never stop abruptly</li> <li>• Report dizziness, BP changes</li> <li>• Higher doses often more effective</li> <li>• XR formulation once daily</li> </ul>

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MEDICATION	UNIQUE ADVANTAGES	CLINICAL PEARLS	COMMON PITFALLS	PATIENT EDUCATION POINTS
<input checked="" type="checkbox"/>	<ul style="list-style-type: none"> <li>• Balanced 5-HT/NE effects at all doses</li> <li>• FDA-approved for pain conditions</li> <li>• Once daily dosing</li> <li>• Less BP effect than venlafaxine</li> <li>• Generic availability</li> </ul>	<ul style="list-style-type: none"> <li>• Start 30mg, increase after 1 week</li> <li>• Therapeutic dose: 60mg</li> <li>• Enteric-coated (don't crush)</li> <li>• Take consistently with/without food</li> <li>• Less discontinuation effects than venlafaxine</li> </ul>	<ul style="list-style-type: none"> <li>• Underdosing (30mg often insufficient)</li> <li>• Missing hepatic contraindications</li> <li>• Overlooking drug interactions</li> <li>• Abrupt discontinuation</li> <li>• Overlooking GI side effects</li> </ul>	<ul style="list-style-type: none"> <li>• Swallow whole, don't crush or chew</li> <li>• Take consistently with/without food</li> <li>• Report any liver problems</li> <li>• Sexual side effects common</li> <li>• Good for pain conditions</li> </ul>

<input type="checkbox"/> Bupropion	<ul style="list-style-type: none"> <li>• No sexual dysfunction</li> <li>• Weight neutral/weight loss</li> <li>• Activating properties</li> <li>• Multiple formulations</li> <li>• Generic availability</li> </ul>	<ul style="list-style-type: none"> <li>• Start low, titrate slowly</li> <li>• XL formulation once daily</li> <li>• Morning dosing to prevent insomnia</li> <li>• Seizure risk dose dependent</li> <li>• Good for fatigue, concentration issues</li> </ul>	<ul style="list-style-type: none"> <li>• Prescribing in seizure disorders</li> <li>• Missing anxiety exacerbation</li> <li>• Overlooking insomnia</li> <li>• Exceeding maximum doses</li> <li>• Overlooking eating disorder history</li> </ul>	<ul style="list-style-type: none"> <li>• Take in morning to prevent insomnia</li> <li>• Different from most antidepressants</li> <li>• No sexual side effects</li> <li>• May help with focus/energy</li> <li>• Don't take late in the day</li> </ul>
<input type="checkbox"/> Amitriptyline	<ul style="list-style-type: none"> <li>• Potent for pain syndromes</li> <li>• Sedating properties</li> <li>• Once daily dosing</li> <li>• Low cost</li> <li>• Generic availability</li> </ul>	<ul style="list-style-type: none"> <li>• Start low (10-25mg), titrate slowly</li> <li>• Bedtime dosing to utilize sedation</li> <li>• Anticholinergic effects dose dependent</li> <li>• Therapeutic plasma levels: 80-200 ng/mL</li> <li>• ECG monitoring recommended</li> </ul>	<ul style="list-style-type: none"> <li>• Prescribing in elderly</li> <li>• Missing cardiac contraindications</li> <li>• Overlooking anticholinergic effects</li> <li>• Overlooking drug interactions</li> <li>• Overlooking overdose lethality</li> </ul>	<ul style="list-style-type: none"> <li>• Take at bedtime</li> <li>• May cause dry mouth, constipation</li> <li>• Avoid alcohol completely</li> <li>• Report any heart palpitations</li> <li>• Keep away from children (lethal in overdose)</li> </ul>

<input type="checkbox"/> Phenelzine	<ul style="list-style-type: none"> <li>• Start low (15mg), titrate slowly</li> <li>• Effective for atypical depression</li> <li>• Effective for treatment-resistant cases</li> <li>• Anxiolytic properties</li> <li>• Social anxiety</li> <li>• Dietary tyramine restrictions essential</li> </ul>	<ul style="list-style-type: none"> <li>• BP monitoring required</li> <li>• Multiple drug interactions</li> </ul>	<ul style="list-style-type: none"> <li>• Missing drug interaction warnings</li> <li>• Overlooking orthostatic hypotension</li> <li>• Inadequate BP</li> <li>• Follow dietary restrictions strictly</li> <li>• Check all medications with provider</li> <li>• Monitor BP</li> </ul>	<ul style="list-style-type: none"> <li>• Report severe</li> </ul>
		13	<ul style="list-style-type: none"> <li>• Missing dietary education</li> </ul>	

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MEDICATION	UNIQUE ADVANTAGES	CLINICAL PEARLS	COMMON PITFALLS	PATIENT EDUCATION POINTS
	<ul style="list-style-type: none"> <li>• efficacy</li> <li>• Unique mechanism</li> </ul>	<ul style="list-style-type: none"> <li>• 2-week washout before/after other antidepressants</li> </ul>	<ul style="list-style-type: none"> <li>• monitoring</li> <li>• Overlooking edema</li> </ul>	<ul style="list-style-type: none"> <li>• headache immediately</li> <li>• Avoid aged/fermented foods</li> </ul>

Mirtazapine	<ul style="list-style-type: none"> <li>• Rapid onset of sleep/appetite effects</li> <li>• Minimal sexual dysfunction</li> <li>• Once daily dosing</li> <li>• Minimal drug interactions</li> <li>• Generic availability</li> </ul>	<ul style="list-style-type: none"> <li>• Start 15mg at bedtime</li> <li>• Less sedating at higher doses (receptor profile)</li> <li>• Weight gain monitoring important</li> <li>• Orally disintegrating tablet available</li> <li>• Good for insomnia, anxiety, appetite stimulation</li> </ul>	<ul style="list-style-type: none"> <li>• Missing paradoxical dose-response for sedation</li> <li>• Overlooking weight gain</li> <li>• Underdosing for depression</li> <li>• Overlooking rare blood dyscrasias</li> <li>• Morning dosing</li> </ul>	<ul style="list-style-type: none"> <li>• Take at bedtime</li> <li>• May increase appetite/weight</li> <li>• Less sexual side effects than most</li> <li>• Higher doses less sedating</li> <li>• Report unusual bruising/infection</li> </ul>
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## Switching and Cross-Titration Protocols

FROM	TO SSRI	TO SNRI	TO BUPROPION	TO MIRTAZAPINE
<b>SSRI (Keks et al., 2016)</b>	<ul style="list-style-type: none"> <li>• Direct switch for most SSRIs</li> <li>• Fluoxetine: taper and wait 2-5 days before starting new SSRI</li> <li>• Start new SSRI at low-moderate dose</li> <li>• Monitor for serotonin syndrome</li> </ul>	<ul style="list-style-type: none"> <li>• Direct switch for most SSRIs</li> <li>• Fluoxetine: taper and wait 2-5 days before starting SNRI</li> <li>• Start SNRI at low dose (venlafaxine 37.5mg, duloxetine 30mg)</li> <li>• Titrate SNRI as tolerated</li> </ul>	<ul style="list-style-type: none"> <li>• Direct switch possible</li> <li>• Start bupropion 150mg daily for 4 days, then increase</li> <li>• Consider overlap for 1-2 weeks if tolerated</li> <li>• Monitor for activation/anxiety</li> </ul>	<ul style="list-style-type: none"> <li>• Direct switch possible</li> <li>• Start mirtazapine 15mg at bedtime</li> <li>• Consider overlap for 1-2 weeks if tolerated</li> <li>• Monitor for excessive sedation</li> </ul>
<b>SNRI (Keks et al., 2016)</b>	<ul style="list-style-type: none"> <li>• Taper SNRI over 2-4 weeks</li> <li>• Start SSRI at low moderate dose when SNRI at 50% dose</li> <li>• Complete SNRI taper as SSRI increased</li> <li>• Monitor for discontinuation symptoms</li> </ul>	<ul style="list-style-type: none"> <li>• Venlafaxine to duloxetine: direct switch possible</li> <li>• Duloxetine to venlafaxine: taper duloxetine by 50%, start venlafaxine 37.5mg</li> <li>• Complete cross titration over 2-4 weeks</li> <li>• Monitor for BP changes</li> </ul>	<ul style="list-style-type: none"> <li>• Taper SNRI over 2-4 weeks</li> <li>• Start bupropion 150mg daily when SNRI at 50% dose</li> <li>• Complete SNRI taper as bupropion increased</li> <li>• Monitor for activation/anxiety</li> </ul>	<ul style="list-style-type: none"> <li>• Taper SNRI over 2-4 weeks</li> <li>• Start mirtazapine 15mg when SNRI at 50% dose</li> <li>• Complete SNRI taper as mirtazapine increased</li> <li>• Monitor for excessive sedation</li> </ul>

FROM	TO SSRI	TO SNRI	TO BUPROPION	TO MIRTAZAPINE
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<b>Bupropion (Huecker et al., 2024)</b>	<ul style="list-style-type: none"> <li>• Direct switch possible</li> <li>• Start SSRI at low moderate dose</li> <li>• Consider overlap for 1-2 weeks if tolerated</li> <li>• Monitor for serotonergic effects</li> </ul>	<ul style="list-style-type: none"> <li>• Direct switch possible</li> <li>• Start SNRI at low dose</li> <li>• Consider overlap for 1-2 weeks if tolerated</li> <li>• Monitor for BP changes</li> </ul>	—	<ul style="list-style-type: none"> <li>• Direct switch possible</li> <li>• Start mirtazapine 15mg at bedtime</li> <li>• Consider overlap for 1-2 weeks if tolerated</li> <li>• Monitor for excessive sedation</li> </ul>
<b>TCA</b>	<ul style="list-style-type: none"> <li>• Taper TCA over 2-4 weeks</li> <li>• Start SSRI at low dose when TCA at 50% dose</li> <li>• Complete TCA taper as SSRI increased</li> <li>• Monitor for anticholinergic withdrawal</li> </ul>	<ul style="list-style-type: none"> <li>• Taper TCA over 2-4 weeks</li> <li>• Start SNRI at low dose when TCA at 50% dose</li> <li>• Complete TCA taper as SNRI increased</li> <li>• Monitor for anticholinergic withdrawal</li> </ul>	<ul style="list-style-type: none"> <li>• Taper TCA over 2-4 weeks</li> <li>• Start bupropion 150mg when TCA at 50% dose</li> <li>• Complete TCA taper as bupropion increased</li> <li>• Monitor for seizure threshold</li> </ul>	<ul style="list-style-type: none"> <li>• Taper TCA over 2-4 weeks</li> <li>• Start mirtazapine 15mg when TCA at 50% dose</li> <li>• Complete TCA taper as mirtazapine increased</li> <li>• Monitor for excessive sedation</li> </ul>
<b>MAOI</b>	<ul style="list-style-type: none"> <li>• Discontinue MAOI</li> <li>• Wait 14 days</li> <li>• Start SSRI at low dose</li> <li>• Titrate SSRI as tolerated</li> <li>• Monitor for serotonin syndrome</li> </ul>	<ul style="list-style-type: none"> <li>• Discontinue MAOI</li> <li>• Wait 14 days</li> <li>• Start SNRI at low dose</li> <li>• Titrate SNRI as tolerated</li> <li>• Monitor for serotonin syndrome</li> </ul>	<ul style="list-style-type: none"> <li>• Discontinue MAOI</li> <li>• Wait 14 days</li> <li>• Start bupropion at low dose</li> <li>• Titrate bupropion as tolerated</li> <li>• Monitor for hypertensive reaction</li> </ul>	<ul style="list-style-type: none"> <li>• Discontinue MAOI</li> <li>• Wait 14 days</li> <li>• Start mirtazapine at low dose</li> <li>• Titrate mirtazapine as tolerated</li> <li>• Monitor for serotonin syndrome</li> </ul>
<b>Mirtazapine</b>	<ul style="list-style-type: none"> <li>• Direct switch possible</li> <li>• Start SSRI at low moderate dose</li> <li>• Consider overlap for 1-2 weeks if tolerated</li> <li>• Monitor for serotonergic effects</li> </ul>	<ul style="list-style-type: none"> <li>• Direct switch possible</li> <li>• Start SNRI at low dose</li> <li>• Consider overlap for 1-2 weeks if tolerated</li> <li>• Monitor for BP changes</li> </ul>	<ul style="list-style-type: none"> <li>• Direct switch possible</li> <li>• Start bupropion 150mg daily</li> <li>• Consider overlap for 1-2 weeks if tolerated</li> <li>• Monitor for activation/anxiety</li> </ul>	—