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LIST OF SELECT MEDICATIONS WITH POTENTIAL TO CAUSE DEPRESSION

DRUG	EXAMPLE	COMMENT
Antiandrogens	Finasteride Dutasteride Bicalutamide Spironolactone Flutamide	<i>Clear evidence of link in some users;</i> Risk of depression in small proportion of users
Retinoids	Isotretinoin Acitretin	<i>Clear evidence of link in some users;</i> Some studies suggest isotretinoin may increase risk of depression by 3 fold; not all studies have shown an increased risk; data better for isotretinoin than acitretin
Interferon <ul style="list-style-type: none">• Alpha interferon• Beta interferon		<i>Clear evidence of link in some users;</i> Up to 40 % of users of alpha interferon may experience depression Link is not as strong for beta interferon

Oral contraceptives		Controversial as may reduce risk of depression in some women; literature does not consistently show a link
Anabolic steroids	Testosterone and other anabolic steroids	<i>Clear evidence of link in some users;</i>
Corticosteroids	Prednisone Dexamethasone Methyprednisone	<i>Clear evidence of link in some users;</i> Higher doses are more likely to cause mood alterations than lower doses
Norplant		Long acting subdermal implant that is used for contraception
Beta blockers	Propranolol Atenolol Bisoprolol	Controversial; Recent data suggests some beta blockers drugs may actually reduce risk of depression
Calcium channel blockers	Nifedipine, Verapamil, Amlodipine	Controversial; Recent data suggests some CCBs may actually reduce risk of depression
ACE Inhibitors	Ramipril, Enalapril	Controversial; Recent data suggests some ACE inhibitors may actually reduce risk of depression
Thiazides	Hydrochlorothiazide	Early data suggested possible link; most studies do not
GnRH agonists	Buserelin, gonadorelin, goserelin, histrelin, leuprorelin, nafarelin, and triptorelin	<i>Clear evidence of link in some users;</i> These drugs create a hypoestrogenic state and may affect mood.

<p>Allergy Medications</p> <ul style="list-style-type: none"> • Montelukast • Antihistamines 	<p>Cetirizine</p>	<p>Clear evidence of link in some users; Montelukast now has boxed warning about mental health side effects including suicidality</p> <p>Many antihistamines may have potential for negative effect on mood</p>
<p>Cholesterol medications (Statins)</p>		<p>New data suggests statins are not linked to depression and may even benefit. More studies needed.</p>
<p>Antimicrobials</p>	<p>Levofloxacin Ciprofloxacin Penicillins Metronidazole Amphotericin (antifungal)</p>	
<p>Anti-seizure medications</p>	<p>Carbamazepine Lamotrigine Pregabalin Topiramate Vigabatrin Gabapentin Tiagabine Phenytoin</p>	<p>Clear evidence of link in some users; CNS suppressants</p>
<p>Antipsychotics</p>	<p>Aripiprazole Quetiapine</p>	<p>Clear evidence of link in some users;</p>
<p>Benzodiazepines</p>	<p>Lorazepam Diazepam Alprazolam</p>	<p>Data is not clear; mostly case reports and observational studies</p> <p>Alprazolam at high doses may even have antidepressant effects</p>

Antiacid medications <ul style="list-style-type: none"> • Proton pump inhibitors • H2 Antagonists 	Omeprazole Esomeprazole Ranitidine Famotidine	<i>Clear evidence of link in some users;</i>
Digoxin		
Pain medications - NSAIDS	Ibuprofen	
Parkinson medication	Levo-dopa Amantadine Tetrabenzine	
Opioids	Fentanyl Codeine Morphine	
Cancer medication	Vincristine Vinblastine Tamoxifen Erlotinib Sorafenib	
Breast cancer medications	Anastrozole (Arimidex) Exemestane (Aromasin) Tamoxifen	Early studies did not suggest tamoxifen had any increased risk. Later studies suggested depression may occur in up to 15% to 20% of tamoxifen-treated patients with breast cancer and that it is often overlooked or erroneously attributed to the illness.
Smoking cessation medications	Varenicline (Chantrix)	Used for smoking cessation
Stimulant medications	Methylphenidate (Ritalin) Modafinil (Provigil)	Used for many indications including ADHD, fatigue, sleep apnea, hypersomnia

Immunosuppressants	Cyclosporine Mycophenolate mofetil	Depression in a small subset of users
Antiviral agents	Efavirenz	Clear evidence of link in some users; Good evidence Both non-nucleoside reverse transcriptase inhibitors (NNRTIs) and protease inhibitors have been associated with depression, but the NNTRI Efavirenz has some of the best evidence.
Antidepressants		May increase suicidality, especially in younger patients.
Anti-migraine medications	<i>The tryptans</i>	