

CRANIUM-Interactions with CPHS Formulary Psychiatric Drugs*
January 14, 2015

No absolute contraindications with any of these medications

METFORMIN

Antidepressants

- **Bupropion (Wellbutrin):** Metformin may increase serum concentration of bupropion
- **Fluoxetine (Prozac):** May increase risk of hypoglycemia with metformin

Mood Stabilizers

- **Lamotrigine (Lamictal):** Metformin may increase serum concentration of lamotrigine

Other

- **Atenolol (Tenormin) and Propranolol (Inderal):** May alter glucose metabolism, prolong hypoglycemia, mask hypoglycemic symptoms
 - **Levothyroxine (T4, Synthroid) & Liothyronine (T3, Cytomel):** May decrease hypoglycemic efficacy of metformin
 - **Nicotine replacement:** Nicotine may increase metformin levels and risk of lactic acidosis
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AMLODIPINE (Norvasc)

Antipsychotics

- **Aripiprazole (Abilify):** Amlodipine may increase the serum concentration of aripiprazole

Antidepressants

- **Duloxetine (Cymbalta) & Fluoxetine (Luvox):** Amlodipine may increase orthostatic hypotensive effect of these medications
- **MAO Inhibitors:** May increase the hypotensive efficacy of amlodipine.

Mood Stabilizers

- **Carbamazepine (Tegretol) & oxcarbazepine (Trileptal):** May decrease the hypotensive efficacy of amlodipine

Other

- **Methylphenidate (Ritalin):** May diminish the antihypertensive efficacy of amlodipine
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ATORVOSTATIN (Lipitor)

Antipsychotics

- **Aripiprazole (Abilify):** Atorvastatin may increase the serum concentration of Aripiprazole

Antidepressants

Fluoxetine (Prozac), Fluvoxamine (Luvox), and Nefazodone (Serzone): May increase statin level and increase risk of myopathy and rhabdomyolysis

Mood Stabilizers

- **Carbamazepine (Tegretol) & Oxcarbazepine (Trileptal):** May diminish antihyperlipidemic efficacy

Other

- **Atenolol (Tenormin) and Propranolol (Inderal):** May decrease antihyperlipidemic efficacy
- **Naloxegol (Movantik):** Atorvastatin may increase concentration of naloxegol.

*Interactions between metformin, amlodipine, and atorvastatin were checked against all medication on the CBHS formulary (<http://www.sfdph.org/dph/files/CBHSdocs/DPHFormularyComparisonforPsychiatricMedicationsDec2013.pdf>) on Epocrates (<http://online.epocrates.com>, January 13, 2015) and Lexicomp (<http://online.lexi.com/crsq/servlet/crlonline>, December 1, 2014)