

MEDICATION INTERACTION GUIDE Hospital Pharmacy Department Last
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This document provides information about potential interactions between commonly prescribed medications. It is intended as a reference for healthcare professionals and should not replace clinical judgment.

KNOWN INTERACTIONS:

Pravastatin + Azithromycin Severity: Minor Effect: May prolong QT interval
Recommendation: Avoid combination if possible

Clopidogrel + Levothyroxine Severity: Moderate Effect: May decrease effectiveness
Recommendation: Monitor closely

Ciprofloxacin + Oxycodone Severity: Severe Effect: May elevate serum potassium levels
Recommendation: Avoid combination if possible

Ciprofloxacin + Azithromycin Severity: Moderate Effect: May enhance hypotensive effects
Recommendation: Consider alternative therapy

Methylprednisolone + Fluoxetine Severity: Moderate Effect: May prolong QT interval
Recommendation: Monitor blood levels regularly

Losartan + Venlafaxine Severity: Severe Effect: May increase risk of bleeding
Recommendation: Monitor renal function

Sertraline + Losartan Severity: Moderate Effect: May enhance hypotensive effects
Recommendation: Avoid combination if possible

Levothyroxine + Azithromycin Severity: Severe Effect: May increase risk of myopathy
Recommendation: Monitor for signs of toxicity

Hydrocodone + Losartan Severity: Minor Effect: May decrease effectiveness
Recommendation: Monitor blood levels regularly

Pravastatin + Levothyroxine Severity: Moderate Effect: May increase risk of myopathy
Recommendation: Monitor blood pressure

Levothyroxine + Ciprofloxacin Severity: Minor Effect: May prolong QT interval
Recommendation: Avoid combination if possible

Ciprofloxacin + Xyzal Severity: Minor Effect: May cause CNS depression
Recommendation: Monitor for signs of toxicity

Levothyroxine + Clopidogrel Severity: Minor Effect: May enhance hypotensive effects
Recommendation: Monitor blood pressure

Hydrocodone + Oxycodone Severity: Severe Effect: May elevate serum potassium levels
Recommendation: Monitor for signs of toxicity

Sertraline + Simvastatin Severity: Moderate Effect: May cause CNS depression
Recommendation: Monitor blood levels regularly

Losartan + Pravastatin Severity: Severe Effect: May increase risk of bleeding
Recommendation: Monitor closely

Simvastatin + Xyzal Severity: Moderate Effect: May increase risk of myopathy
Recommendation: Monitor for signs of toxicity

Sertraline + Levothyroxine Severity: Minor Effect: May decrease effectiveness
Recommendation: Monitor closely

Fluoxetine + Levothyroxine Severity: Severe Effect: May reduce absorption
Recommendation: Adjust dosage as needed

Xyzal + Venlafaxine Severity: Severe Effect: May reduce anticoagulant effectiveness
Recommendation: Monitor closely

SPECIAL POPULATIONS:

Pregnant Women: The following medications should be used with caution or avoided during pregnancy: - Clopidogrel: Contraindicated - Levothyroxine: Limited data available - Sertraline: Limited data available - Azithromycin: Generally considered safe - Losartan: Contraindicated

Elderly Patients: The following medications require dose adjustments or special monitoring in elderly patients: - Ciprofloxacin: Monitor renal function - Azithromycin: Increased risk of falls - Sertraline: Start at lower dose - Oxycodone: May cause confusion - Xyzal: Increased risk of falls