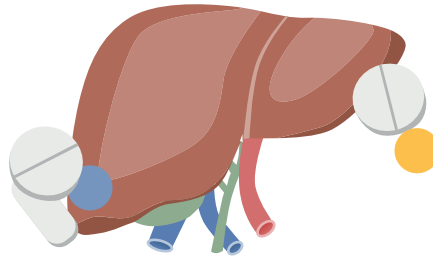


MEDICATION RISKS: HEPATOTOXICITY



Definition

Hepatotoxicity refers to the rapid deterioration in liver function due to the toxic effect of medications and/or chemicals.



Client-related risk factors

- > 60 years old
- Poor nutritional status
- High alcohol intake
- Liver failure, hepatitis, or tuberculosis
- Female sex

Drug-Related Risk Factors

Anti-hypertensives:
ACE inhibitors

Alcohol

Anti-infectives:

- Erythromycin
- Fluconazole
- Itraconazole



Pain:

- NSAIDs
- Acetaminophen

Lithium salts:

- Rifampin
- INH

Psych:

Phenothiazines

Alanine transaminase (ALT)

Normal:

- 7–46 units/L



Levels elevated w/ liver injury

Values to Monitor



Aspartate aminotransferase (AST)

Normal:

- 10–40 units/L



Levels elevated w/ renal injury

Symptoms



Unusual weakness, fatigue



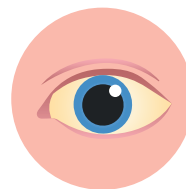
Loss of appetite



Upper abdominal pain



Dark urine



Yellowing of eyes, skin

NOTES

