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Abnormal liver enzymes: A review for clinicians
Kalas A et al. LFT Interpretation

Abstract
Liver biochemical tests are some of the most commonly ordered routine tests in the inpatient and outpatient setting, especially with the automatization of testing in this technological era. These tests include aminotransferases, alkaline phosphatase, gamma-glutamyl transferase, bilirubin, albumin, prothrombin time and international normalized ratio (INR). Abnormal liver biochemical tests can be categorized based on the pattern and the magnitude of aminotransferases elevation. Generally, abnormalities in liver enzymes can indicate liver tissue damage, injury, or disease. Understanding the pattern and magnitude of liver enzymes is crucial for clinicians to make informed decisions and guide appropriate patient management.
Liver enzyme alteration: a guide for clinicians


The functional anatomy of the liver and pathophysiology of liver enzyme alteration are briefly reviewed. Using a schematic approach that classifies enzyme alterations as predominantly hepatocellular or predominantly cholestatic, we review abnormal enzymatic activity within the 2 subgroups, the most common causes of enzyme alteration and suggested initial investigations.

Cited by: 1597  Author: Edoardo Giovanni Giannini, Roberto Testa, ...
Publish Year: 2005

Abnormal liver enzymes: To steroid or not to steroid ...

https://liverfellow.org/post/abnormal-liver-enzymes-dili

Jun 27, 2021 · A 57-year-old woman presents with an acute history of fevers to 101°F, RUQ abdominal pain, fatigue, arthralgias, and elevated liver enzymes. Her symptoms first started two weeks prior to presentation. She does not drink alcohol or use illicit drugs. She has not had any recent travel. She does not take NSAIDs or Tylenol. Her labs on admission are WBC 6.5, Hct 42, Plts 222, ALT 348, AST 225 ...