

Severe ALT/AST Elevations >10x ULN

Differential Diagnoses

Possible Dx	Considerations	Further Testing
Acute viral hepatitis (A,B,C) Other viral: Mononucleosis, CMV, Toxoplasmosis, HIV, HSV	Hep A & B –√vaccines; Hep B – MSM, DM, immunosuppressants. Hep C – IDU.	Acute hepatitis panel, Mono screen, CMV IgM, Toxo IgM, HIV, HSV
Drug Induced Liver Injury (DILI)	Acetaminophen #1. 1000 other drugs have been implicated.	Acetaminophen level within 4 hours
AIH	8:1 ratio women to men Can be deadly if untreated	ANA, smooth muscle Ab, IgG. + Refer for liver bx.
Ischemic hepatitis Hepatic artery occlusion Budd-Chiari Syndrome	Shock, MI, Renal Failure, Cath Procedures, s/p Transplant, Cancers, Infection, Clotting Dx	LDH, Ultrasound/CT
Chemicals/Toxins –Vinyl chloride, alkaloids, mushrooms	Thorough history	Consult specialist
Wilson Disease	Age < 45 with hemolytic anemia	Ceruloplasmin
Fulminant hepatic failure	Severe synthetic function impairment, encephalopathy	Transplant Center/ Determine Eligibility