Acute Hepatitis Testing Guidelines

Washington State Clinical Laboratory Advisory Council Originally published: October, 2000 Reviewed: March, 2005

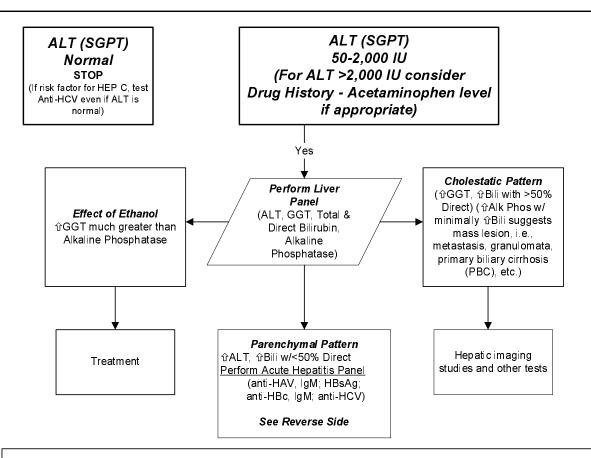
FOR EDUCATIONAL PURPOSES ONLY

The individual clinician is in the best position to determine which tests are most appropriate for a particular patient.

Diagnostic Testing for Hepatitis should be initiated based on a clinical assessment of probability of acute infection including the following criteria:

Symptoms of Hepatitis: Anorexia, nausea, fatigue, malaise, arthralgias, headache, pharyngitis (prodrome), dark urine, clay colored stools Signs of Hepatitis: Jaundice, low grade fever, large tender liver

Risk factors: Known exposure, IV drug abuse, occupational exposure, unsafe sexual behavior, travel history, history of transfusion



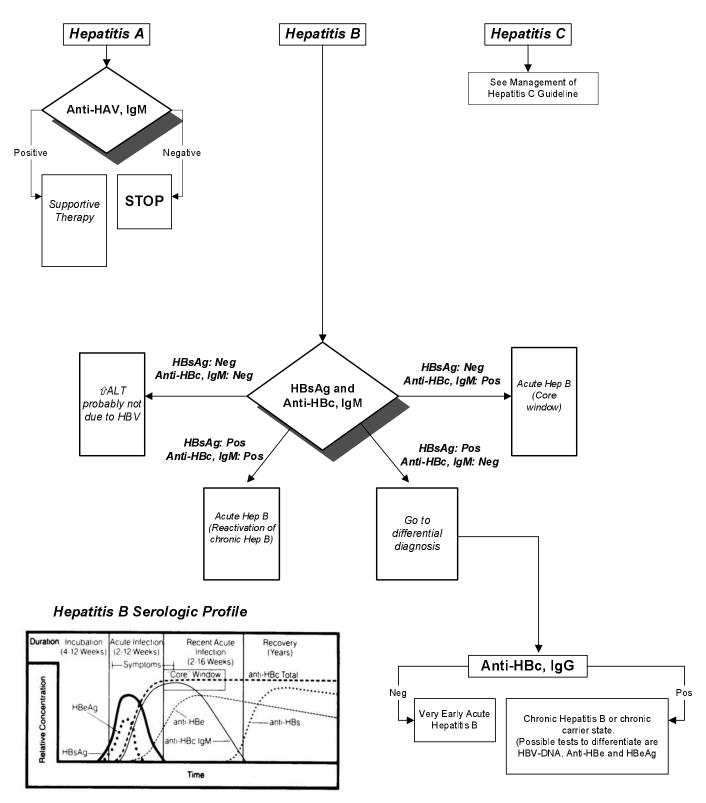
References:

- 1. Sjogren MH. Serologic Diagnosis of Viral Hepatitis. Gastroenterology Clinics of North America. 1994;23(3):457-477.
- 2. Herrera JL. Serologic Diagnosis of Viral Hepatitis. Southern Medical Journal. 1994;87(7):677-684.
- 3. Jacobs DS, et al. Laboratory Test Handbook. Third Edition. 1994.
- 4. Abbott Laboratories. Abbott Diagnostics Educational Series, Hepatitis Learning Guide. 1998.
- 5. Tietz NW. Clinical Guide To Laboratory Tests. Third Edition. 1995.
- 6. Henry, J. and Bernard, John. Clinical Diagnosis and Management by Laboratory Methods, 19th Edition, 1996, Part 6: 1106-1109.
- 7. Advanced Therapeutics Communications. National Hepatitis Detection, Treatment, and Prevention Program. 1993.
- $8. \ \ Adrian\ MD,\ Di Bisceglie\ MD.\ Chronic\ Hepatitis\ B.\ Postgraduate\ Medicine.\ July\ 1995.$
- 9. Isselbach et al. Harrison's Principles of Internal Medicine. 13th Edition. 1994. p. 1465-1470.
- Mahoney, Francis J. Update on Diagnosis, Management and Prevention of Hepatitis B Virus Infection. Clinical Microbiology Reviews, Vol 12, No 2, April, 1999 p. 352-366.

Reviewers:

- 1. Gretch D, MD, PhD. Director of Hepatitis Division, University of Washington Viral Hepatitis Laboratory. Personal Communication. 1999.
- 2. Spitters, Christopher, MD, MPH, Medical Director, Infectious Diseases and Reproductive Health, Washington State Department of Health, Personal Communication, June, 1999.

Acute Hepatitis Panel: Anti-HAV, IgM; HBsAg; Anti-HBc, IgM; Anti-HCV



(Serologic profile in 75-85% of patients with Acute Type B Hepatitis)