Hepatitis E: Testing Algorithm for Diagnosis and Management

- Immunocompetent patients with abnormal liver enzyme levels and at risk for hepatitis E
  - HEVM / Hepatitis E Virus IgM Antibody Screen with Reflex to Confirmation, Serum
  - Reactive antibody result automatically reflexes to antibody confirmation test
  - REACTIVE
  - Automatic reflex to HEVML / Hepatitis E Virus IgM Antibody Confirmation, Serum
  - POSITIVE
  - Active HEV infection
  - NEGATIVE
  - Request HEVQU if abnormal liver enzyme levels persist without alternative diagnosis

- Immunocompromised patients (organ transplant recipients with unexplained abnormal liver enzyme levels) with or without risk factors for hepatitis E
  - HEVQU / Hepatitis E Virus RNA Detection and Quantification by Real-Time RT-PCR, Serum
  - ANY VIRAL LOAD
  - NEGATIVE
  - No evidence of active HEV infection

- Patients with possible resolved hepatitis E (normal or near normal liver enzyme levels)
  - HEVG / Hepatitis E Virus IgG Antibody, Serum
  - NEGATIVE
  - No evidence of active HEV infection