Hepatitis D

Merlin disease code=07052
Case report form (CRF): Viral Hepatitis CRF
MERLIN EXTENDED DATA REQUIRED

Background
An acute viral illness with discrete onset of symptoms and either jaundice or elevated liver enzymes. Symptoms most commonly include fatigue, abdominal pain, loss of appetite/anorexia, nausea, vomiting, or dark urine (tea colored). Illness is always associated with a coexistent hepatitis B infection. Hepatitis D virus (HDV) infection may occur as acute co-infection with hepatitis B virus (HBV), or as super-infection in persons with chronic HBV infection.

Clinical criteria for case classification
Confirmatory:
Both of the following:
- Discrete onset of symptoms
- And either of the following:
  - Jaundice
  - Or elevated liver enzymes.

Presumptive:
Discrete onset of symptoms.

Laboratory criteria for case classification
Both of the following:
- Either of the following as evidence of HBV infection:
  - Positive IgM antibody to HBV core antigen (IgM anti-HBc)
  - Or positive HBV surface antigen (HBsAg)
- And one or more of the following:
  - Positive IgM antibody to HDV (IgM anti-HDV),
  - Or positive HDV RNA by polymerase chain reaction (PCR),
  - Or positive total antibody (IgM and IgG) to HDV (anti-HDV).

Epidemiological criteria for case classification
Not applicable.

Case classification
Confirmed:
A person with confirmatory clinical criteria and laboratory evidence.

Probable:
A person with presumptive clinical criteria and laboratory evidence.

Criteria to distinguish a new case from previous reports
Not applicable.
Comments
Report all available liver enzyme results for every case under liver function tests (Merlin disease code=00000).

See graphic for additional information related to the serological course of disease.