

Laboratory findings

1. *Non-specific signs of inflammation*

- BSG ↑, CRP +, serum iron ↓, copper ↑, haptoglobin ↑, fibrinogen ↓, D-dimer ↑, α_2 -globulins ↑, ChE ↓, anaemia

2. *Cholestasis*

- AP ↑, LAP ↑, γ -GT ↑

3. *Jaundice*

- Serum bilirubin ↑

4. *Tumour markers*

- α_1 FP normal, CEA normal
CA 19–9 ↑, CA 50 ↑

Imaging diagnostics

1. Sonography



2. CT and CT angiography — — — → MR



3. ERCP (or PTC)

Morphological diagnostics

1. Laparoscopy and biopsy
2. Percutaneous biopsy
3. Percutaneous fine-needle biopsy
4. ERC with brush biopsy