

1. Primary hepatotropic viruses

HAV (0.2–0.3%) (6, 38, 68) • HBV (1–2%) (6, 40, 61, 67, 83) •

HCV (ca. 1%) (29, 67, 69, 82) • HDV superinfection (ca. 20%) • HEV (10–20%) (6, 29) • HBV mutants • HCV + HAV (30–40%) (72)

2. Secondary hepatotropic viruses

adenoviruses • Coxsackie (74) • cytomegaloviruses • dengue fever • Epstein-Barr (20) • herpes simplex (type 1,2) (71) • herpesvirus-6 (1) • influenza A (76) • parainfluenza virus • paramyxoviruses • parvovirus B19 • varicella zoster virus • yellow fever (s. tab. 23.1)

3. Bacteria and parasites

leptospira, listeria (70) • malaria • M. tuberculosis (24, 28), rickettsia, syphilis

4. Chemical substances

carbon tetrachloride (53) • chloroform • nitropropane (25) • trinitrotoluene • yellow phosphorus (s. tab. 30.3)

5. Fungal poisons

Amanita phalloides (26, 49, 111, 123) • lepiota (50)

6. Toxins

B. cereus emetic toxin • microcystins of cyanobacteria

7. Medicinal agents

allopurinol • amiodarone • antiretroviral agents • carbamazepine • cotrimoxazole (3) • cyproterone • dapson • didanosine • disulfiram • Ecstasy (112, 116) • enflurane • flutamide • glitazone • gold • halothane • hydroxychloroquine • interferon • isoflurane • isoniazid • kava-kava • ketoconazole • lisinopril • methotrexate • methyldopa • mono-amine oxidase inhibitor • nilutamide • nimesulide • ofloxacin • omeprazole • paracetamol • phenhydane • phenothiazine • phenytoin • pirprofen • propylthiouracil • rifampicin • sulphasalazine • tetracycline • valproic acid (s. tab. 29.4)

8. Alcohol

9. Metabolic causes

acute fatty liver in pregnancy (45) • α_1 -antitrypsin deficiency • amyloidosis (31) • erythropoietic protoporphyria • hereditary fructose intolerance • galactosaemia • HELLP syndrome • Reye's syndrome, tyrosinaemia • Wilson's disease

10. Ischaemia

Budd-Chiari syndrome • heatstroke • ligature of the hepatic artery • shock liver • veno-occlusive disease

11. Malignant infiltration

hepatocellular carcinoma (37) • Hodgkin's disease (16) • leukaemia (4) • massive formation of metastases • melanoma • non-Hodgkin's lymphoma (5, 55, 80) • renal cell carcinoma (19)

12. Autoimmune hepatitis (44)

13. Septic cholangitis

14. Heart failure (77)

15. Jejunio-ileal bypass (11)