

1. Primary sclerosing cholangitis (PSC)

- cause(s) unknown

2. Secondary sclerosing cholangitis (SSC)

- *mechanical causes*
 - choledochal tumour
 - choledocholithiasis
 - papillitis stenosans
 - postoperative factors
 - stricture
- *infectious causes*
 - AIDS
 - bacteria
 - immunodeficiency
 - mycoses
 - parasites
 - viruses (cytomegaly, REO)
- *toxic causes*
 - burn injuries
 - ethanol embolization
 - hydatidal obliteration
 - pharmacons (s. tab. 29.11)
- *vascular causes*
 - autoimmune vasculitis
 - collagenoses
 - cytostatics in hepatic artery
 - ischaemia (shock, surgery)
- *malignant causes*
 - amyloidosis
 - CCC
 - histiocytosis X
 - Hodgkin's lymphoma
 - mastocytosis
- *immunological causes*
 - autoimmune cholangiopathy
 - sarcoidosis
 - transplant rejection
(allograft rejection, graft-versus-host reaction)
- *congenital causes*
 - Alagille syndrome
 - Caroli's disease
 - congenital liver fibrosis
 - cystic fibrosis
 - genetic metabolic ductopenia
 - microhamartoma
 - NAIC (s. fig. 33.18)