

Cholestasis with normal GGT



Not elevated serum total bile acids

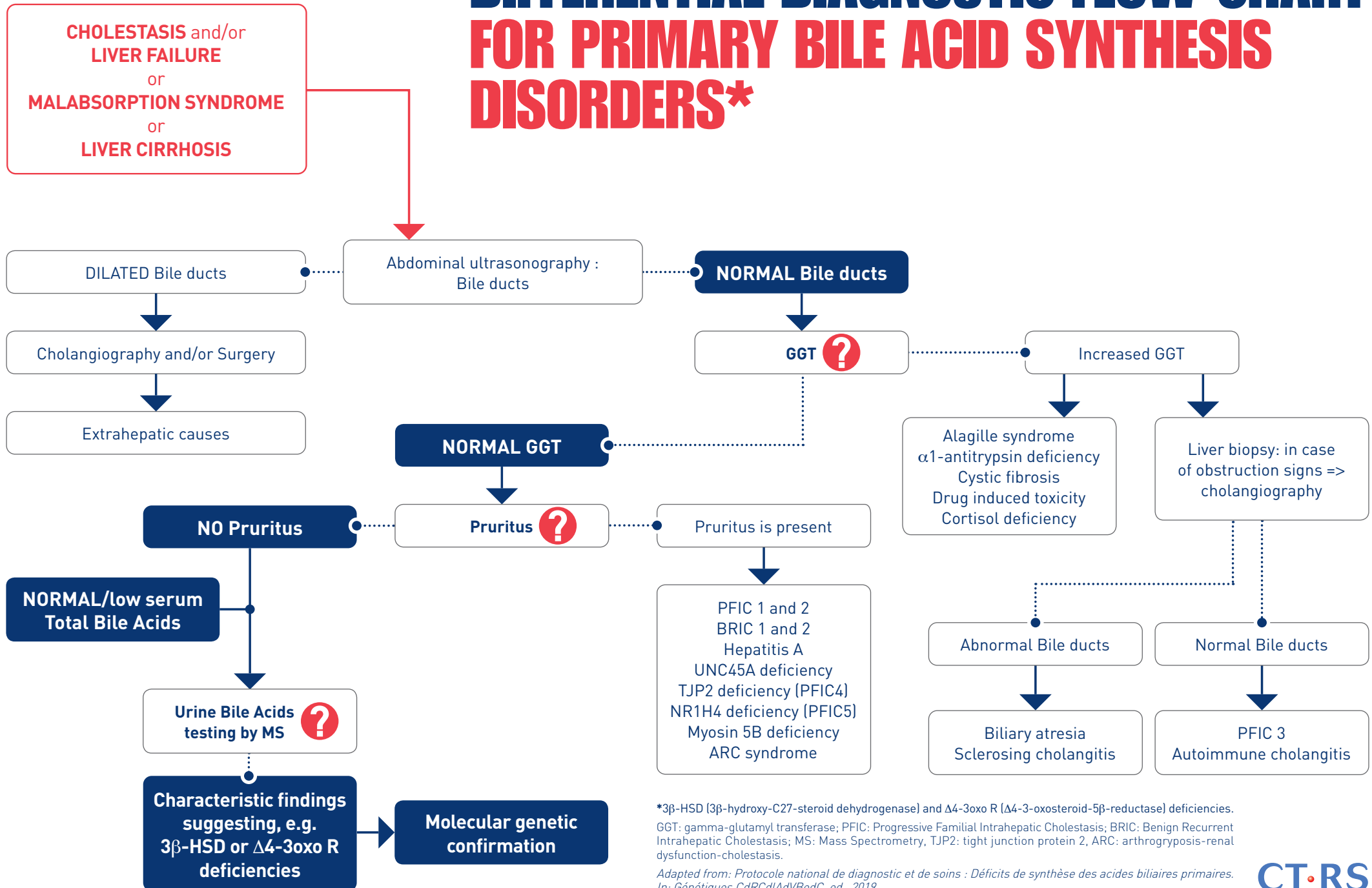


No pruritus...

**HAVE YOU CHECKED
FOR A BILE ACID
SYNTHESIS DISORDER?**



DIFFERENTIAL DIAGNOSTIC FLOW-CHART FOR PRIMARY BILE ACID SYNTHESIS DISORDERS*



*3β-HSD [3β-hydroxy-C27-steroid dehydrogenase] and Δ4-3oxo R [Δ4-3-oxosteroid-5β-reductase] deficiencies.
 GGT: gamma-glutamyl transferase; PFIC: Progressive Familial Intrahepatic Cholestasis; BRIC: Benign Recurrent Intrahepatic Cholestasis; MS: Mass Spectrometry, TJP2: tight junction protein 2, ARC: arthrogyposis-renal dysfunction-cholestasis.

Adapted from: Protocole national de diagnostic et de soins : Déficiences de synthèse des acides biliaires primaires. In: Génétiques CdRCdAdVBedC, ed., 2019.



Cell Therapies Research & Services

Laboratoires C.T.R.S.

63, rue de l'Est
92100 Boulogne Billancourt
France

Phone : +33 (1) 41 22 09 70

Fax : +33 (1) 41 22 02 36

E-mail : ctrs@ctrs.fr

www.ctrs.fr