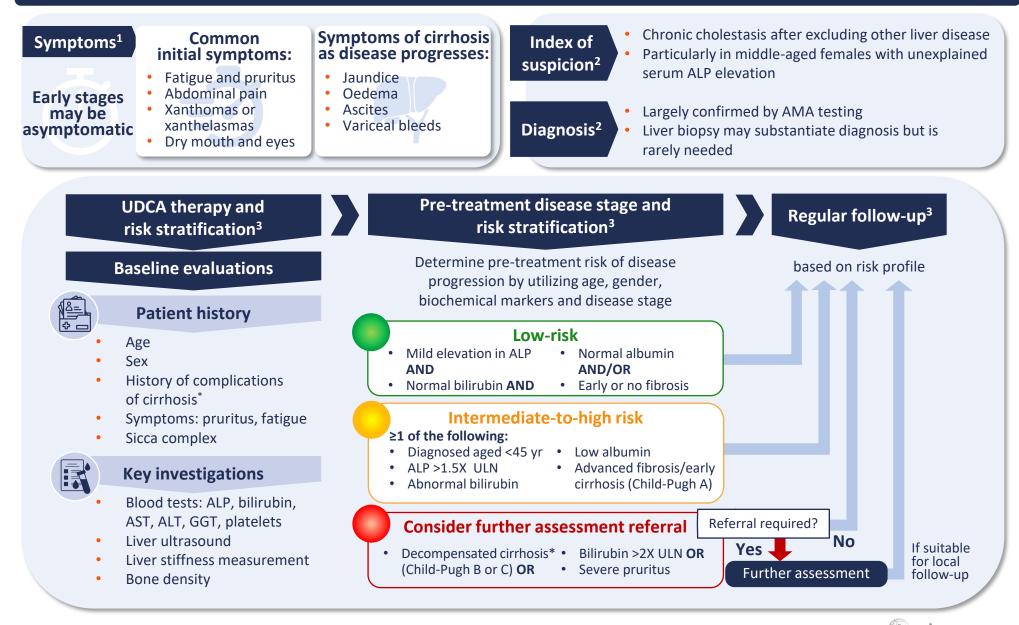


Primary biliary cholangitis: Appraising the changing therapeutic landscape

**Practice aid for the management of patients with primary biliary cholangitis** For more information, visit: <u>www.touchendocrinologyime.org</u> Practice aid for the management of patients with primary biliary cholangitis

# Early diagnosis and pre-treatment risk stratification in PBC are important

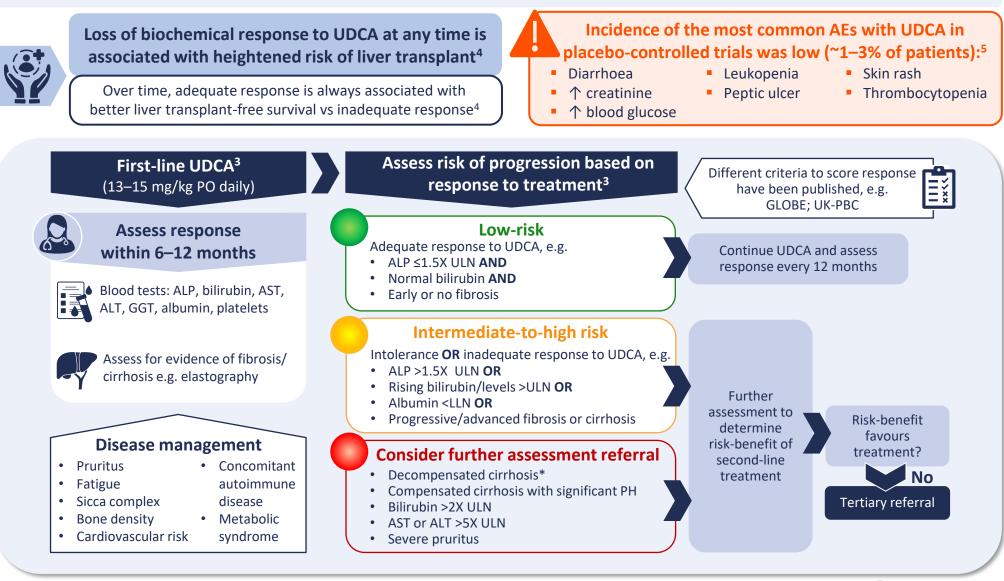


**ENDOCRINOLOGY** 

\*Ascites, variceal bleed or encephalopathy.

### Ongoing monitoring to assess response to first-line UDCA is needed in patients with PBC

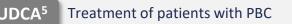
Frontline UDCA is effective, but 25–50% of patients do not respond, and not all can tolerate treatment<sup>4–6</sup>





Practice aid for the management of patients with primary biliary cholangitis

# The established treatment landscape is expanding with four treatments now approved for PBC





**CONTRAINDICATIONS:** Patients with complete biliary obstruction and known hypersensitivity or intolerance to ursodiol, or any components of the formulation

DCA<sup>7</sup>

or with compensated cirrhosis, without evidence of PH, either in combination with UDCA (if inadequate response to UDCA), or as monotherapy in patients unable to tolerate UDCA

Treatment of adults with PBC without cirrhosis

**CONTRAINDICATIONS:** Decompensated cirrhosis (e.g. Child–Pugh Class B/C) or a prior decompensation event; compensated cirrhosis with evidence of PH; complete biliary obstruction



Treatment of adults with PBC either in combination with UDCA (if inadequate response to UDCA), or as monotherapy in patients unable to tolerate UDCA

**CONTRAINDICATIONS:** None Limitations of use: Not recommended in patients with/who develop decompensated cirrhosis (e.g. ascites, variceal bleeding, hepatic encephalopathy)

# Novel treatments for PBC are in development<sup>10–13</sup>

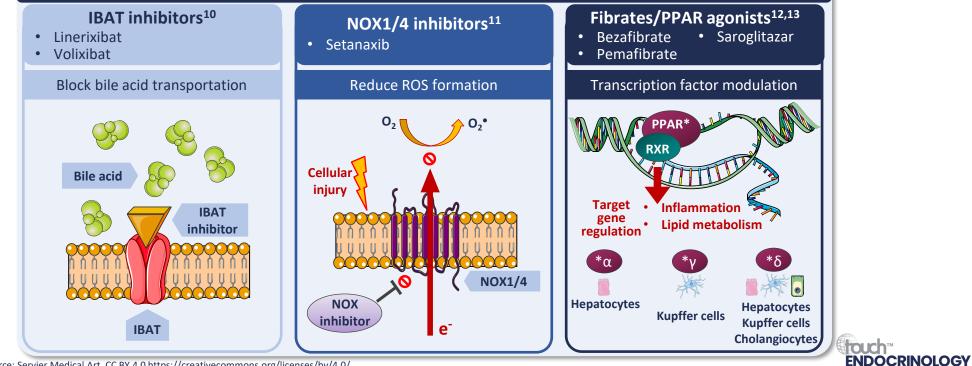


Image source: Servier Medical Art. CC BY 4.0 https://creativecommons.org/licenses/by/4.0/.

# **Abbreviations and references**

### **Abbreviations**

AE, adverse event; ALP, alkaline phosphatase; ALT, alanine aminotransferase; AMA, anti-mitochondrial antibody; AST, aspartate aminotransferase; GGT, gamma-glutamyltransferase; IBAT, ileal bile acid transporter; LLN, lower limit of normal; NOX, nicotinamide adenine dinucleotide phosphate (NAPDH) oxidase; OCA, obeticholic acid; PBC, primary biliary cholangitis; PH, portal hypertension; PO, per os (by mouth); PPAR, peroxisome proliferator-activated receptor; ROS, reactive oxygen species; RXR, retinoid X receptor; UDCA, ursodeoxycholic acid; ULN, upper limit of normal; yr, years.

### References

- 1. American Liver Foundation. Available at <u>https://shorturl.at/7oQCJ</u> (accessed 5 November 2024).
- 2. Lindor KD, et al. *Hepatology*. 2019;69:394–419.
- 3. Hirschfield GM, et al. Expert Rev Gastroenterol Hepatol. 2021;15:929–39.
- 4. Roberts SB, et al. JHEP Reports. 2024;6:1–10.
- 5. FDA. Ursodeoxycholic acid PI. 2023. Available at: <u>www.accessdata.fda.gov/drugsatfda\_docs/label/2023/020675s028lbl.pdf</u> (accessed 24 October 2024).
- 6. van Hooff MC, et al. Eur J Intern Med. 2024;124:14–21.
- 7. FDA. Obeticholic acid PI. 2022. Available at: <a href="http://www.accessdata.fda.gov/drugsatfda\_docs/label/2022/207999s008lbl.pdf">www.accessdata.fda.gov/drugsatfda\_docs/label/2022/207999s008lbl.pdf</a> (accessed 5 November 2024).
- 8. FDA. Elafibranor PI. 2024. Available at: <u>www.accessdata.fda.gov/drugsatfda\_docs/label/2024/218860s000lbl.pdf</u> (accessed 5 November 2024).
- 9. FDA. Seladelpar PI. 2024. Available at: <u>www.accessdata.fda.gov/drugsatfda\_docs/label/2024/217899s000lbl.pdf</u> (accessed 5 November 2024).
- 10. Nevens F, et al. J Hepatol. 2023;78:430-41.
- 11. Thannickal VJ, et al. J Cell Mol Med. 2023;27:471–81.
- 12. Colapietro F, et al. J Transl Autoimm. 2023;6:100188.
- 13. Wu J, et al. *Hemato*. 2022;3:422–33.

The guidance provided by this practice aid is not intended to directly influence patient care. Clinicians should always evaluate their patients' conditions and potential contraindications and review any relevant manufacturer product information or recommendations of other authorities prior to consideration of procedures, medications, or other courses of diagnosis or therapy included here.

Our practice aid coverage does not constitute implied endorsement of any product(s) or use(s). touchENDOCRINOLOGY cannot guarantee the accuracy, adequacy or completeness of any information and cannot be held responsible for any errors or omissions.

