



ICD-11 & Cholangiocarcinoma (CCA)



What is ICD-11?

ICD-11 is the 11th revision of the International Statistical Classification of Diseases and Related Health Problems (ICD) diagnostic classification standard for all clinical and research purposes. It can be used to calculate health trends and statistics globally.^{1,2}



Why is ICD-11 important for CCA?

Cholangiocarcinoma (CCA) is a bile duct cancer that can be divided into **THREE** subtypes. There is no ICD-10 code for perihilar CCA,³ which has led to miscoding of perihilar CCA as intrahepatic CCA, affecting the accuracy of the reported incidence of CCA subtypes.⁴

ICD-11 differentiates between the three different types of CCA with individual codes and definitions⁵:

2C12.10

Intrahepatic cholangiocarcinoma

A carcinoma that arises from the intrahepatic bile duct epithelium in any site of the intrahepatic biliary tree.

2C15.0

Adenocarcinoma of biliary tract, distal bile duct

An adenocarcinoma that arises from the common bile duct distal to the insertion of the cystic duct.

2C18.0

Hilar cholangiocarcinoma

Includes left, right and common hepatic ducts to the origin of the cystic duct.



Doctors should provide sufficient diagnosis details in medical notes regarding the type of CCA.



Clinical coders should adopt the new ICD-11 coding (effective Jan 1, 2022) to ensure perihilar CCA is correctly coded.

The adoption of ICD-11 will enable more accurate CCA recording leading to more robust data collection, which should enable better research into this rare disease.

For more detailed information about ICD-11 and how it is used, read the World Health Organization **reference guide**.

References

1. World Health Organization. International Statistical Classification of Diseases and Related Health Problems (ICD). <https://www.who.int/standards/classifications/classification-of-diseases>. Accessed Aug 16, 2021.
2. World Health Organization. ICD-11 fact sheet. https://icd.who.int/en/docs/icd11factsheet_en.pdf. Accessed Aug 16, 2021.
3. ICD-10 Version:2010. <https://icd.who.int/browse10/2010/en>. Accessed Aug 16, 2021.
4. Selvadurai S, Mann K, Mithra S, et al. Cholangiocarcinoma miscoding in hepatobiliary centres. *Eur J Surg Oncol*. 2021;47(3):635-639. DOI: [10.1016/j.ejso.2020.09.039](https://doi.org/10.1016/j.ejso.2020.09.039)
5. ICD-11 for mortality and morbidity statistics (version : 05/2021). <https://icd.who.int/browse11/l-m/en>. Accessed Aug 16, 2021.