

## Appendix C Liver primary and metastatic carcinoma

### SNOMED coding

| Topographical codes    | SNOMED-RT | SNOMED CT terminology                                 | SNOMED CT Code |
|------------------------|-----------|-------------------------------------------------------|----------------|
| Liver                  | T62000    | Liver structure (body structure)                      | 10200004       |
| Left lobe of liver     | T62020    | Structure of left lobe of liver (body structure)      | 69842003       |
| Right lobe of liver    | T62010    | Structure of right lobe of liver (body structure)     | 48521005       |
| Intrahepatic bile duct | T62110    | Intrahepatic biliary tract structure (body structure) | 90140006       |
| Extrahepatic bile duct | T64000    | Extrahepatic duct structure (body structure)          | 16014003       |
| Gall bladder           | T63000    | Gallbladder structure (body structure)                | 28231008       |

| Morphological codes                                                       | SNOMED-RT | SNOMED CT terminology                                                          | SNOMED CT Code |
|---------------------------------------------------------------------------|-----------|--------------------------------------------------------------------------------|----------------|
| <b>Epithelial tumours: hepatocellular</b>                                 |           |                                                                                |                |
| Hepatocellular carcinoma                                                  | M81703    | Hepatocellular carcinoma (morphologic abnormality)                             | 25370001       |
| Hepatocellular carcinoma, fibrolamellar variant                           | M81713    | Hepatocellular carcinoma, fibrolamellar (morphologic abnormality)              | 15619004       |
| <b>Epithelial tumours: biliary</b>                                        |           |                                                                                |                |
| Biliary intra-epithelial neoplasia, high grade                            | M81482    | High grade glandular intraepithelial neoplasia (morphologic abnormality)       | 818948002      |
| Intraductal papillary neoplasm with high grade intra-epithelial neoplasia | M85032    | Noninfiltrating intraductal papillary adenocarcinoma (morphologic abnormality) | 30566004       |

|                                                                    |        |                                                                                    |            |
|--------------------------------------------------------------------|--------|------------------------------------------------------------------------------------|------------|
| Mucinous cystic neoplasm with high grade intraepithelial neoplasia | M84702 | Mucinous cystadenocarcinoma, non-invasive (morphologic abnormality)                | 128900005  |
| Intrahepatic cholangiocarcinoma                                    | M81603 | Cholangiocarcinoma (morphologic abnormality)                                       | 70179006   |
| Combined hepatocellular-cholangiocarcinoma                         | M81803 | Combined hepatocellular carcinoma and cholangiocarcinoma (morphologic abnormality) | 52178006   |
| Intraductal papillary neoplasm with associated invasive carcinoma  | M85033 | Intraductal papillary adenocarcinoma with invasion (morphologic abnormality)       | 64524002   |
| Mucinous cystic neoplasm with associated invasive carcinoma        | M84703 | Mucinous cystadenocarcinoma (morphologic abnormality)                              | 79143006   |
| Perihilar cholangiocarcinoma (Klatskin tumour)                     | M81623 | Cholangiocarcinoma (morphologic abnormality)                                       | 70179006   |
| Adenocarcinoma (gall bladder, extrahepatic ducts)                  | M81403 | Adenocarcinoma (morphologic abnormality)                                           | 1187332001 |
| Neuroendocrine carcinoma                                           | M82463 | Neuroendocrine carcinoma (morphologic abnormality)                                 | 1286767006 |
| Metastatic adenocarcinoma                                          | M81406 | Adenocarcinoma, metastatic (morphologic abnormality)                               | 4590003    |

## Procedure

Local P codes should be recorded. At present, P codes vary according to the SNOMED system in use in different institutions.

ICD codes – include specific codes for intrahepatic and perihilar cholangiocarcinoma.<sup>1</sup>

## Reference

1. Shijie Cai S, Sivakumar S. The 11th revision of the International Statistical Classification of Disease and Related Health Problems and Cholangiocarcinoma. *Hepatobiliary Surg Nutr* 2022;11:276–279.