

**Collaborative Staging Codes**  
**Liver and Intrahepatic Bile Ducts**  
**C22.0-C22.1**

C22.0 Liver

C22.1 Intrahepatic bile duct

**Liver and Intrahepatic Bile Ducts**  
**CS Tumor Size**  
**SEE STANDARD TABLE**

**Liver and Intrahepatic Bile Ducts**  
**CS Extension (Revised: 08/18/2006)**

**Note 1:** In codes 30, 40, and 65, "multiple (satellite) nodules/tumors" includes satellitosis, multifocal tumors, and intrahepatic metastases.

**Note 2:** Major vascular invasion (code 63) is defined as invasion of the branches of the main portal vein (right or left portal vein, not including sectoral or segmental branches) or as invasion of one or more of the three hepatic veins (right, middle, or left). Invasion of hepatic artery or vena cava is coded to 66.

Code	Description	TNM	SS77	SS2000
10	Single lesion (one lobe) WITHOUT intrahepatic vascular invasion, including vascular invasion not stated	T1	L	L
20	Single lesion (one lobe) WITH intrahepatic vascular invasion	T2	L	L
30	Multiple (satellite) nodules/tumors (one lobe) WITHOUT intrahepatic vascular invasion, including vascular invasion not stated	*	L	L
40	Multiple (satellite) nodules/tumors (one lobe) WITH intrahepatic vascular invasion	*	L	L
50	Confined to liver, NOS Localized, NOS	T1	L	L
51	More than one lobe involved by contiguous growth (single lesion) WITHOUT vascular invasion, including vascular invasion not stated	T1	RE	RE
52	More than one lobe involved by contiguous growth (single lesion) WITH vascular invasion	T2	RE	RE

53	Extension to gallbladder, extent within liver not stated	T1	RE	RE
54	Single lesion with extension to gallbladder + [(10) or (51)]	T1	RE	RE
55	Single lesion with extension to gallbladder + [(20) or (52)]	T2	RE	RE
56	Extension to gallbladder + [(30) or (40)]	*	RE	RE
58	Extrahepatic bile ducts	T2	RE	RE
63	Major vascular invasion: major branch(es) of portal or hepatic vein(s) (see Note 2)	T3	RE	RE
64	Direct extension/perforation of visceral peritoneum	T4	RE	RE
65	Multiple (satellite) nodules/tumors in more than one lobe of liver or on surface of parenchyma Satellite nodules, NOS	*	D	RE
66	Extension to hepatic artery or vena cava	T4	RE	RE
67	(63) + (65)	T3	D	RE
70	Diaphragm	T4	RE	RE
75	Lesser omentum Ligament(s): Coronary Falciform Round [of liver] Hepatoduodenal Hepatogastric Triangular Parietal peritoneum	T4	RE	RE
76	[(65) or (67)] + any of [(64) or (66) or (70) or (75)]	T4	D	RE
80	Further contiguous extension: Pancreas Pleura Stomach Other contiguous extension	T4	D	D
95	No evidence of primary tumor	T0	U	U
99	Unknown extension Primary tumor cannot be assessed Not documented in patient record	TX	U	U

**Liver and Intrahepatic Bile Ducts****CS TS/Ext-Eval (Revised: 08/21/2006)**

Code	Description	Staging Basis
0	No surgical resection done. Evaluation based on physical examination, imaging examination, or other non-invasive clinical evidence. No autopsy evidence used	c
1	No surgical resection done. Evaluation based on endoscopic examination, diagnostic biopsy, including fine needle aspiration biopsy, or other invasive techniques including surgical observation without biopsy. No autopsy evidence used	p
2	No surgical resection done, but evidence derived from autopsy (tumor was suspected or diagnosed prior to autopsy).	p
3	Surgical resection performed WITHOUT pre-surgical systemic treatment or radiation OR surgical resection performed, unknown if pre-surgical treatment or radiation performed. Evidence acquired before treatment, supplemented or modified by the additional evidence acquired during and from surgery, particularly from pathologic examination of the resected specimen	p
5	Surgical resection performed WITH pre-surgical systemic treatment or radiation, BUT tumor size/extension based on clinical evidence.	c
6	Surgical resection performed WITH pre-surgical systemic treatment or radiation; tumor size/extension based on pathologic evidence.	y
8	Evidence from autopsy only (tumor was unsuspected or undiagnosed prior to autopsy)	a
9	Unknown if surgical resection done Not assessed; cannot be assessed Unknown if assessed Not documented in patient record	c

**Liver and Intrahepatic Bile Ducts****CS Lymph Nodes (Revised: 05/06/2004)**

**Note:** Code only regional nodes and nodes, NOS, in this field. Distant nodes are coded in the field  
Mets at DX.

Code	Description	TNM	SS77	SS2000
00	None; no regional lymph node involvement	N0	NONE	NONE
10	Regional lymph node(s): Hepatic NOS: Hepatic artery Hepatic pedicle Inferior vena cava Porta hepatis (hilar) [in hilus of liver] Hepatoduodenal ligament Periportal Portal vein Regional lymph node(s), NOS	N1	RN	RN
80	Lymph nodes, NOS	N1	RN	RN
99	Unknown; not stated Regional lymph node(s) cannot be assessed Not documented in patient record	NX	U	U

**Liver and Intrahepatic Bile Ducts****Reg LN Pos**

SEE STANDARD TABLE

**Liver and Intrahepatic Bile Ducts****Reg LN Exam**

SEE STANDARD TABLE

**Liver and Intrahepatic Bile Ducts****CS Mets at DX (Revised: 05/31/2006)**

Code	Description	TNM	SS77	SS2000
00	No; none	M0	NONE	NONE
10	Distant lymph node(s), NOS	M1	D	D
11	Distant lymph node(s): Cardiac Lateral (aortic) (lumbar) Pericardial (pericardiac)	M1	RN	D

11 cont'd	Posterior mediastinal (tracheoesophageal) including juxtaphrenic nodes Retroperitoneal, NOS	M1	RN	D
12	Distant lymph node(s): Coronary artery Renal artery	M1	RN	D
13	Distant lymph node(s): Aortic (para-, peri-) Diaphragmatic, NOS Peripancreatic (near head of pancreas only)	M1	D	D
15	Distant lymph node(s) other than codes 10-13, including inferior phrenic nodes	M1	D	D
40	Distant metastasis except distant lymph node(s) (codes 10- 15) Distant metastasis, NOS Carcinomatosis	M1	D	D
50	(40) + any of [(10) or (11) or (15)] Distant lymph node(s) plus other distant metastases	M1	D	D
52	(40) + [(12) or (13)] Distant lymph node(s) plus other distant metastases	M1	D	D
99	Unknown if distant metastasis Primary tumor cannot be assessed Not documented in patient record	MX	U	U

**Site Specific Surgery Codes****Liver and Intrahepatic Bile Ducts****C220–C221**

(Except for M9750, 9760-9764, 9800-9820, 9826, 9831-9920, 9931-9964, 9980-9989)

**Codes**

- 00 None; no surgery of primary site; autopsy ONLY
  - 10 Local tumor destruction, NOS
    - 11 Photodynamic therapy (PDT)
    - 12 Electrocautery; fulguration (includes use of hot forceps for tumor destruction)
    - 13 Cryosurgery
    - 14 Laser
    - 15 Alcohol (Percutaneous Ethanol Injection-PEI)
- [SEER Note: Code 15 Alcohol (Percutaneous Ethanol Injection-PEI) can also be described as an “intratumoral injection of alcohol” or “alcohol ablation”]
- 16 Heat-Radio-frequency ablation (RFA)
  - 17 Other (ultrasound, acetic acid)

**No specimen sent to pathology from surgical events 10–17**

- 20 Wedge or segmental resection, NOS
  - 21 Wedge resection
  - 22 Segmental resection, NOS
    - 23 One
    - 24 Two
    - 25 Three
    - 26 Segmental resection AND local tumor destruction

**Specimen sent to pathology from surgical events 20–26**

- 30 Lobectomy, NOS
    - 36 Right lobectomy
    - 37 Left lobectomy
    - 38 Lobectomy AND local tumor destruction
- [SEER Note: Code 30 also referred to as simple lobectomy]

- 50 Extended lobectomy, NOS (extended: resection of a single lobe plus a segment of another lobe)
  - 51 Right lobectomy
  - 52 Left lobectomy
  - 59 Extended lobectomy AND local tumor destruction
- 60 Hepatectomy, NOS
  - 61 Total hepatectomy and transplant

- 65    Excision of a bile duct (for an intrahepatic bile duct primary only)
  - 66    Excision of a bile duct PLUS partial hepatectomy
- 75    Bile duct and hepatectomy WITH transplant
- 90    Surgery, NOS
- 99    Unknown if surgery performed; death certificate ONLY