

**Collaborative Staging Codes
Liver and Intrahepatic Bile Ducts**

C22.0-C22.1

C22.0 Liver

C22.1 Intrahepatic bile duct

CS Tumor Size	CS Site-Specific Factor 1- Alpha Fetoprotein (AFP)	The following tables are available at the collaborative staging website: Histology Exclusion Table AJCC Stage Extension Size Table
CS Extension	CS Site-Specific Factor 2- Fibrosis Score	
CS TS/Ext-Eval	CS Site-Specific Factor 3	
CS Lymph Nodes	CS Site-Specific Factor 4	
CS Reg Nodes Eval	CS Site-Specific Factor 5	
Reg LN Pos	CS Site-Specific Factor 6	
Reg LN Exam		
CS Mets at DX		
CS Mets Eval		

Liver and Intrahepatic Bile Ducts

CS Tumor Size

SEE STANDARD TABLE

Liver and Intrahepatic Bile Ducts

CS Extension

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 vein 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
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) + 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

* For Extension codes 30, 40, 56, and 65 ONLY, the T category is assigned based on the value of CS Tumor Size, as shown in the Extension Size Table for this site.

Liver and Intrahepatic Bile Ducts

CS TS/Ext-Eval

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 systemic 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

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
CS Reg Nodes Eval
SEE STANDARD TABLE

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

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) 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

Liver and Intrahepatic Bile Ducts
CS Mets Eval
SEE STANDARD TABLE

Liver and Intrahepatic Bile Ducts
CS Site-Specific Factor 1 Alpha Fetoprotein (AFP)

Code	Description
000	Test not done
010	Positive/elevated
020	Negative/normal; within normal limits
030	Borderline; undetermined whether positive or negative
080	Ordered, but results not in chart
999	Unknown or no information Not documented in patient record

Liver and Intrahepatic Bile Ducts
CS Site-Specific Factor 2 Fibrosis Score

Note: AJCC classifies fibrosis scores 0-4 (none to moderate fibrosis) as F0, and fibrosis scores 5-6 (severe fibrosis or cirrhosis) as F1. Fibrosis score is also called Ishak score.

Code	Description
000	F0: Fibrosis score 0-4 (none to moderate fibrosis)
001	F1: Fibrosis score 5-6 (severe fibrosis or cirrhosis)
999	Fibrosis score not recorded Insufficient information Not documented in patient record

Liver and Intrahepatic Bile Ducts
CS Site-Specific Factor 3

Code	Description
888	Not applicable for this site

Liver and Intrahepatic Bile Ducts
CS Site-Specific Factor 4

Code	Description
888	Not applicable for this site

Liver and Intrahepatic Bile Ducts

CS Site-Specific Factor 5

Code	Description
888	Not applicable for this site

Liver and Intrahepatic Bile Ducts

CS Site-Specific Factor 6

Code	Description
888	Not applicable for this site

Collaborative Staging Codes

Gallbladder

C23.9

C23.9 Gallbladder

CS Tumor Size	CS Site-Specific Factor 1	The following tables are available at the collaborative staging website: Histology Exclusion Table AJCC Stage
CS Extension	CS Site-Specific Factor 2	
CS TS/Ext-Eval	CS Site-Specific Factor 3	
CS Lymph Nodes	CS Site-Specific Factor 4	
CS Reg Nodes Eval	CS Site-Specific Factor 5	
Reg LN Pos	CS Site-Specific Factor 6	
Reg LN Exam		
CS Mets at DX		
CS Mets Eval		

Gallbladder

CS Tumor Size

SEE STANDARD TABLE

Gallbladder

CS Extension

Code	Description	TNM	SS77	SS2000
00	In situ; non-invasive; intraepithelial	Tis	IS	IS
10	Invasive tumor confined to: Lamina propria Mucosa, NOS Submucosa (superficial invasion)	T1a	L	L
20	Muscularis propria	T1b	L	L
30	Localized, NOS	T1NOS	L	L
40	Perimuscular connective tissue	T2	RE	RE
50	Invasion of/through serosa (visceral peritoneum)	T3	L	RE
55	(40) + (50)	T3	RE	RE
60	Extension into liver, NOS	T3	RE	RE
61	Extension into liver less than or equal to 2 cm	T3	RE	RE
62	Extension to ONE of the following: Ampulla of Vater Duodenum Extrahepatic bile duct(s) Omentum, NOS Greater Lesser Pancreas Small intestine, NOS	T3	RE	RE

65	Extension to ONE of the following WITHOUT extension to any structure in (62): Colon Stomach	T3	RE	RE
66	Extension to cystic artery/vein WITHOUT extension to any structure in [(62) to (65)]	T3	RE	D
67	[(60) or (61)] PLUS extension to ONE structure in codes [(62) to (65)]	T3	RE	RE
68	(66) + [(60) or (61)]	T3	RE	D
71	Extension into liver greater than 2 cm WITHOUT extension to any structure in codes [(62) to (66)]	T3	D	D
72	Extension into liver greater than 2 cm PLUS extension to ONE structure in codes [(62) to (66)]	T3	D	D
73	Extension to two or more structures in codes [(62) to (66)], WITH or WITHOUT extension into liver of any depth	T4	D	D
75	Extension to: Hepatic artery Portal vein	T4	RE	D
78	(75) + any of [(60) to (73)]	T4	D	D
80	Further contiguous extension, including: Abdominal wall Diaphragm	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

Gallbladder

CS TS/Ext-Eval

SEE STANDARD TABLE

Gallbladder

CS Lymph Nodes

Note: Code only regional nodes and nodes, NOS, in this field. Distant nodes are coded in the field Mets at DX. Also note that celiac and superior mesenteric nodes are listed in this field rather than Mets at DX, because AJCC classifies them as N1 and not M1.

Code	Description	TNM	SS77	SS2000
00	None; no regional lymph node involvement	N0	NONE	NONE
10	Regional lymph node(s): Cystic duct (Calot's node) Node of foramen of Winslow (omental) (epiploic) Pericholedochal (common bile duct)	N1	RN	RN

11	Regional lymph node(s): Porta hepatis (portal) (periportal) (hilar) (in hilus of liver)	N1	D	RN
20	Regional lymph node(s): Pancreaticoduodenal	N1	RN	RN
21	Regional lymph node(s): Periduodenal Peripancreatic (near head of pancreas only)	N1	D	RN
25	(11) + (20)	N1	D	RN
30	Regional lymph node(s), NOS	N1	RN	RN
50	Celiac lymph node(s)	N1	D	D
60	Superior mesenteric lymph node(s)	N1	D	D
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

Gallbladder
CS Reg Nodes Eval
SEE STANDARD TABLE

Gallbladder
Reg LN Pos
SEE STANDARD TABLE

Gallbladder
Reg LN Exam
SEE STANDARD TABLE

Gallbladder
CS Mets at DX

Code	Description	TNM	SS77	SS2000
00	No; none	M0	NONE	NONE
10	Distant lymph node(s), including: Para-aortic Peripancreatic (along body and tail of pancreas only) Distant lymph node(s), NOS	M1	D	D
40	Distant metastases except distant lymph node(s) (code 10) Distant metastasis, NOS Carcinomatosis	M1	D	D
50	(10) + (40) Distant lymph node(s) plus other distant metastases	M1	D	D

99	Unknown if distant metastasis Distant metastasis cannot be assessed Not documented in patient record	MX	U	U
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Gallbladder
CS Mets Eval
SEE STANDARD TABLE

Gallbladder
CS Site-Specific Factor 1

Code	Description
888	Not applicable for this site

Gallbladder
CS Site-Specific Factor 2

Code	Description
888	Not applicable for this site

Gallbladder
CS Site-Specific Factor 3

Code	Description
888	Not applicable for this site

Gallbladder
CS Site-Specific Factor 4

Code	Description
888	Not applicable for this site

Gallbladder
CS Site-Specific Factor 5

Code	Description
888	Not applicable for this site

Gallbladder
CS Site-Specific Factor 6

Code	Description
888	Not applicable for this site

Collaborative Staging Codes
Extrahepatic Bile Duct(s)

C24.0

C24.0 Extrahepatic bile duct

CS Tumor Size	CS Site-Specific Factor 1	The following tables are available at the collaborative staging website: Histology Exclusion Table AJCC Stage
CS Extension	CS Site-Specific Factor 2	
CS TS/Ext-Eval	CS Site-Specific Factor 3	
CS Lymph Nodes	CS Site-Specific Factor 4	
CS Reg Nodes Eval	CS Site-Specific Factor 5	
Reg LN Pos	CS Site-Specific Factor 6	
Reg LN Exam		
CS Mets at DX		
CS Mets Eval		

Extrahepatic Bile Duct(s)

CS Tumor Size

SEE STANDARD TABLE

Extrahepatic Bile Duct(s)

CS Extension

Code	Description	TNM	SS77	SS2000
00	In situ; non-invasive; intraepithelial	Tis	IS	IS
10	Invasive tumor of extrahepatic bile duct(s) (cholechochal, common, cystic, and hepatic) confined to: Lamina propria Mucosa, NOS Submucosa (superficial invasion)	T1	L	L
20	Muscularis propria	T1	L	L
30	Localized, NOS	T1	L	L
40	Beyond wall of bile duct Periductal/fibromuscular connective tissue	T2	RE	RE
60	Gallbladder Liver, porta hepatis Pancreas	T3	RE	RE
61	Unilateral branches of hepatic artery (right or left) Unilateral branches of portal vein (right or left)	T3	RE	RE
65	Colon, NOS Transverse including flexure Duodenum, NOS Omentum, NOS Lesser Stomach, distal	T4	RE	RE
66	Common hepatic artery Hepatic artery, NOS Main main portal vein or its branches bilaterally Portal vein, NOS	T4	RE	RE

70	Other parts of colon Greater omentum Stomach, proximal	T4	D	RE
75	Abdominal wall	T4	D	D
80	Further 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

Extrahepatic Bile Duct(s)

CS TS/Ext-Eval

SEE STANDARD TABLE

Extrahepatic Bile Duct(s)

CS Lymph Nodes

Note: Code only regional nodes and nodes, NOS, in this field.

Code	Description	TNM	SS77	SS2000
00	No regional lymph node involvement	N0	NONE	NONE
15	Regional lymph node(s): Cystic duct (node of the neck of the gallbladder) (Calot's node) Hepatic Hilar (in the hepatoduodenal ligament) Node of the foramen of Winslow (omental) (epiploic) Pancreaticoduodenal Pericholedochal (node around common bile duct) Periduodenal Peripancreatic (near head of pancreas only) Periportal Porta hepatis (portal) (hilar) (in hilus of liver) Regional lymph node(s), NOS	N1	RN	RN
35	Regional lymph node(s): Celiac Superior mesenteric	N1	D	D
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

Extrahepatic Bile Duct(s)
CS Reg Nodes Eval
SEE STANDARD TABLE

Extrahepatic Bile Duct(s)
Reg LN Pos
SEE STANDARD TABLE

Extrahepatic Bile Duct(s)
Reg LN Exam
SEE STANDARD TABLE

Extrahepatic Bile Duct(s)
CS Mets at DX

Code	Description	TNM	SS77	SS2000
00	No; none	M0	NONE	NONE
10	Distant lymph node(s) including: Para-aortic Peripancreatic (along body and tail of pancreas only) Distant lymph node(s), NOS	M1	D	D
40	Distant metastases except distant lymph node(s) (code 10) Distant metastases, NOS Carcinomatosis	M1	D	D
50	(10) + (40) Distant lymph node(s) plus other distant metastases	M1	D	D
99	Unknown if distant metastasis Distant metastasis cannot be assessed Not documented in patientrecord	MX	U	U

Extrahepatic Bile Duct(s)
CS Mets Eval
SEE STANDARD TABLE

Extrahepatic Bile Duct(s)
CS Site-Specific Factor 1

Code	Description
888	Not applicable for this site

**Extrahepatic Bile Duct(s)
CS Site-Specific Factor 2**

Code	Description
888	Not applicable for this site

**Extrahepatic Bile Duct(s)
CS Site-Specific Factor 3**

Code	Description
888	Not applicable for this site

**Extrahepatic Bile Duct(s)
CS Site-Specific Factor 4**

Code	Description
888	Not applicable for this site

**Extrahepatic Bile Duct(s)
CS Site-Specific Factor 5**

Code	Description
888	Not applicable for this site

**Extrahepatic Bile Duct(s)
CS Site-Specific Factor 6**

Code	Description
888	Not applicable for this site