



NIDDK
 Liver Transplantation Database
PATHOLOGY AND FINAL DIAGNOSIS FORM
 for
THE NATIVE LIVER
 01/30/1991

COMPLETION LOG

Data Collector ID _____
 Center Initials

DATE

Data Collection ____/____/____

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<p><u>FORM KEYS</u></p> <p>Patient ID _____</p>

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- __ 3.1 Biliary atresia (intrahepatic - syndromatic)
- __ 3.2 Biliary atresia (intrahepatic - nonsyndromatic)
- __ 3.3 Biliary atresia (extrahepatic)
- __ 3.4 Biliary atresia (combined intra- and extrahepatic)
- __ 3.5 Choledochal cyst
- __ 3.6 Cystic fibrosis
- __ 3.7 Histiocytosis X
- __ 3.8 Primary biliary cirrhosis
- __ 3.9 Sclerosing cholangitis - intrahepatic only
- __ 3.10 Sclerosing cholangitis - extrahepatic only
- __ 3.11 Sclerosing cholangitis - intra- and extrahepatic
- __ 3.12 Secondary biliary cirrhosis _____
specify cause (30 char)
- __ 3.13 Other _____
specify (30 char)

4. METABOLIC DISORDERS

- __ 4.1 Alpha-1-antitrypsin deficiency (homozygous)
- __ 4.2 Alpha-1-antitrypsin deficiency (heterozygous)
- __ 4.3 Glycogen storage disease - type I
- __ 4.4 Glycogen storage disease - type IV
- __ 4.5 Hyperlipidemia (LDL receptor deficiency)
- __ 4.6 Hemochromatosis (primary, genetic)
- 4.6.1 Specify tissue iron level if available _____ (dry wt)
- __ 4.7 Hemochromatosis (secondary) _____
specify (30 char)
- __ 4.8 Neurovisceral storage disease
- 4.8.1 Were enzyme studies done? Yes__ No__
- __ 4.9 Tyrosinemia
- __ 4.10 Wilson's disease
- 4.10.1 Specify tissue copper level if available _____ (dry wt)
- __ 4.11 Familial cholestasis (including Byler's disease) _____
specify (30 char)
- __ 4.12 Other _____
specify (30 char)

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SURGICAL # _____ - _____

5. NEOPLASTIC

__ 5.1 Angiosarcoma

5.1.1 Toxin exposure?	Yes__	No__
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__ 5.2 Hemangioma

__ 5.3 Hepatocellular adenoma(s)

__ 5.4 Hepatocellular carcinoma (non-cirrhotic liver)

__ 5.5 Hepatocellular carcinoma (cirrhotic liver)

__ 5.6 Hepatocellular carcinoma (fibrolamellar type)

__ 5.7 Hepatoblastoma

__ 5.8 Cholangiocarcinoma (hilar type)

__ 5.9 Cholangiocarcinoma (peripheral type)

__ 5.10 Carcinoid - primary

__ 5.11 Carcinoid - metastatic

__ 5.12 Epithelioid hemangioendothelioma

__ 5.13 Combined hepatocellular and cholangiocarcinoma

__ 5.14 Evidence of extracapsular extension

__ 5.15 Evidence of hilar nodal metastasis

__ 5.16 Microscopic vascular invasion

__ 5.17 Other _____
 specify (30 char)

6. OTHER

__ 6.1 Budd-Chiari syndrome (outflow obstruction) _____
 specify cause (30 char)

__ 6.2 Alcoholic cirrhosis

__ 6.3 Cryptogenic cirrhosis

__ 6.4 Chronic toxin or drug exposure - agent and duration _____
 specify (30 char)

__ 6.5 Intrahepatic veno-occlusive disease

__ 6.6 Focal nodular hyperplasia(s)

__ 6.7 Nodular transformation

__ 6.8 Biliary cystic disease _____
 specify (30 char)

__ 6.9 Congenital hepatic fibrosis

__ 6.10 Sarcoidosis

__ 6.11 Amyloidosis

__ 6.12 Other _____
 specify (30 char)

SURGICAL # _____ - _____

III. IS TISSUE AVAILABLE FOR FURTHER STUDY? Yes__ No__

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IF YES, check the form of tissue storage

<input type="checkbox"/>	1. Paraffin embedded, formalin fixed	
<input type="checkbox"/>	2. Paraffin, embedded, other fixative _____	specify (30 char)
<input type="checkbox"/>	3. Frozen in OCT compound	
<input type="checkbox"/>	4. Bulk frozen	
<input type="checkbox"/>	5. Bulk formalin fixed	
<input type="checkbox"/>	6. Fixed for electron microscopy, fixative _____	specify (30 char)
<input type="checkbox"/>	7. Plastic embedded: 1. EM <input type="checkbox"/> 2. Light <input type="checkbox"/>	
<input type="checkbox"/>	8. Other _____	specify (30 char)

IV. FINAL DIAGNOSIS

This diagnosis should be the best and final diagnosis as suggested by the clinical, serum biochemical, serologic, and histologic evaluation, and as the result of a consensus of opinion of the clinician and the pathologist. The primary diagnosis should be that disease for which the transplant was performed.

1. Primary diagnosis: enter code from the list of Liver Disease Diagnoses; and specify as appropriate.

Code	Specification
	(for #5, 9, 12, 17, 19, 20, 27, 28, 32, 35)
1.1 _____	_____
	specify (30 char)

2. Basis for diagnosis (check all that apply)

2.1 Liver pathology (gross and microscopic)

2.2 Laboratory test results

2.3 Radiology

2.4 Clinical history

2.5 Other _____

specify (30 char)

3. Secondary diagnoses: enter code from the list of Liver Disease Diagnoses, and specify as appropriate.

Code	Specification
	(for #5, 9, 12, 17, 19, 20, 27, 28, 32, 35)
3.1 _____	_____
3.2 _____	_____
3.3 _____	_____
	specify (30 char)

4. If malignancy present in original liver, was this known before surgery?

Yes___ No___ Not applicable___

SURGICAL # _____ - _____

V. COMMENTS: Yes___ No___

LIVER DISEASE DIAGNOSES

1. Acute hepatitis A
2. Acute hepatitis B
3. Acute hepatitis B and D
4. Acute hepatitis C
5. Acute hepatitis other (specify: e.g. drug or toxin, presumed viral, CMV, EBV, etc.)
6. Acute hepatitis of unknown cause
7. Alcoholic liver disease (Laennec's cirrhosis)
8. Alpha-1-antitrypsin deficiency
9. Benign tumor (specify: e.g. adenoma)
10. Biliary atresia
11. Budd-Chiari syndrome
12. Chronic cholestatic syndrome of childhood (specify: e.g. Bylers, Alagilles, non-syndromatic paucity of bile ducts, etc.)
13. Chronic autoimmune (lupoid) hepatitis/cirrhosis
14. Chronic hepatitis B/cirrhosis
15. Chronic hepatitis B and D/cirrhosis
16. Chronic hepatitis C/cirrhosis
17. Chronic hepatitis/cirrhosis other (specify: e.g. drug or toxin, presumed viral, etc.)
18. Chronic hepatitis/cirrhosis of unknown cause
19. Congenital biliary and fibrocystic disease (specify: e.g. congenital hepatic fibrosis, Caroli's disease, polycystic liver disease, choledochal cyst, etc.)
20. Glycogen storage disease (specify type)
21. Hemochromatosis
22. Homozygous hypercholesterolemia
23. Hyperalimentation-induced liver disease
24. Malignancy, cholangiocarcinoma
25. Malignancy, fibrolamellar hepatocellular carcinoma
26. Malignancy, hepatocellular carcinoma
27. Malignancy, other (specify: e.g. angiosarcoma, hemangioendothelioma, hepatoblastoma, etc.)
28. Metastatic malignancy (specify: e.g. carcinoma of breast, colon, lung, etc.)
29. Neonatal or pediatric post-hepatitic cirrhosis
30. Primary biliary cirrhosis
31. Primary sclerosing cholangitis
32. Secondary biliary cirrhosis (specify cause: e.g. gall stones, stricture, etc.)
33. Tyrosinemia
34. Wilson's disease
35. Other (specify: e.g. trauma, cystic fibrosis, etc.)