PEDIATRIC HEPATITIS OF UNKNOWN ETIOLOGY MEDICAL RECORD ABSTRACTION FORM

CaseID: _____

Form Approved: OMB No. 0920-1011
Exp. Date 01/31/2023

Version 19 Aug 2022

General Instructions:

Please complete the form for all children who meet the case definition: hepatitis of unknown etiology (with or without adenovirus testing) among children <10 years with aspartate aminotransferase (AST) or alanine aminotransferase (ALT) (>500 U/L) since October 1, 2021.

- Yellow fields do not need to be submitted to CDC.
- Greyed out fields do not require information.
- CaseID: Please assign using the letter abbreviation for your state/territory followed by a unique ID (can be either a combination of numeric or alpha characters) assigned by your state
- Several sections may be best completed by a clinician: Clinical Info, Diagnosis & Treatment, Radiologic Findings, Summary of Clinical Assessment.
- Vaccination information should be captured from the state Immunization Information System as the primary source.
- Any relevant information that does not fit in a designated section can be noted in the "Summary of Clinical Assessment" section.
- All dates should be in the format MM/DD/YYYY.

Reminder about adenovirus testing:

- CDC is recommending adenovirus PCR testing on all specimen types including respiratory, stool, and blood (including whole blood, plasma or serum) specimens.
- CDC requests all residual specimens be submitted to CDC.
- Please refer to the specimen protocol for additional instructions on testing/shipping of specimens. Instructions can be found here: Instructions for Adenovirus Diagnostic Testing, Typing, and Submission | CDC

Submission Instructions:

CDC requests submission of completed forms on a rolling basis. Please upload completed forms to the ShareFile folder via one of the following:

1. Scanned/electronic copy of the completed form
2. CSV export from REDCap database (if using CDC REDCap data structure in state/local REDCap instance)

For questions related to form completion or submission instructions, email ncirddvdgast@cdc.gov

PEDIATRIC HEPATITIS OF UNKNOWN ETIOLOGY MEDICAL CHART ABSTRACTION FORM

Version: 19 Aug 2022 *CASE ID:*_____

Date form completed: ____/____/_____

DEMOGRAPHICS

Yellow fields do not need to be submitted to CDC

Patient's name (Last, First, M.I.) _____ **DOB:** ____/____/_____

Age: _____ □ Days □ Months □ Years **Sex assigned at birth:** □ Male □ Female □ Refused □ Don't know

Street Address: **Current gender identity:** □ Male □ Female □ Transgender □ None of these

City: _____ **County:** _____ **State:** _____ **Zip:** _____

Phone (Cell/Home): _____ **Phone (Cell/Home):** _____

Ethnicity: □ Hispanic or Latino □ Not Hispanic or Latino □ Unknown

Race (check all that apply) □ American Indian/Alaska Native □ Native Hawaiian/Pacific Islander □ Asian □ White □ Black/African American □ Other (_____)

SIGNS/SYMPTOM HISTORY

Category of signs/symptoms	Check all that apply:
First Respiratory sign/symptom Onset: _____/_____/_____ □ Unknown	□ Cough □ Congestion □ Rhinorrhea □ Sore throat □ Wheezing □ Shortness of breath □ Conjunctivitis (pink eye)
First GI sign/symptom Onset: _____/_____/_____ □ Unknown	□ Diarrhea □ Nausea □ Vomiting □ Abdominal Pain
First Hepatitis sign/symptom Onset: _____/_____/_____ □ Unknown	□ Dark-colored urine □ Pale stool □ Jaundice or scleral icterus
Date of systemic sign/symptom Onset: _____/_____/_____ □ Unknown	□ Fatigue □ Fever (Max) _____ °F □ Decreased appetite □ Other, specify:

CLINICAL INFORMATION

Yellow fields do not need to be submitted to CDC.
For date of initial evaluations, please note the date that the child first sought medical care for this illness.

Patient Height: _____ □ ft/in □ cm □ Unknown **Patient Weight:** _____ □ lbs □ Kg □ Unknown

Date of initial evaluation (for this illness): _____/_____/_____ □ Unknown

Where was the patient first identified? □ Primary care provider □ Urgent care □ Emergency department □ Hepatologist/subspecialty appointment □ Hospital □ Unknown □ Other, specify _____ Name of facility: _____

Was the patient hospitalized for this illness? □ Yes □ No □ Unknown

If patient was hospitalized:

Hospital: _____ **Medical Record #:** _____

Admission Date (Initial Hospital):____/____/_____ □ Unknown admission date

Was the patient transferred from another hospital? □ Yes □ No □ Unknown

If yes, **which hospital?** _____ **Transfer Date:** ___/___/_____ □ Unknown

Final patient outcome: □ Survived, discharge home □ Survived, discharged other location □ Died ***If yes,* was an autopsy performed?** □ Yes □ No □ Unknown □ Unknown

Date of discharge / death: _____/_____/_____ □ Unknown date of discharge/death

If patient was hospitalized:

ICD-10 discharge codes:

Primary code: Other codes (list up to 10):

Were there additional codes beyond those listed above: □ Yes □ No □ Unknown

PEDIATRIC HEPATITIS OF UNKNOWN ETIOLOGY MEDICAL CHART ABSTRACTION FORM

Version: 19 Aug 2022 *CASE ID:*_____

DIAGNOSES & TREATMENT

Yellow fields do not need to be submitted to CDC.

Was the patient diagnosed with any of the following measures of severity of hepatitis/liver disease:

Hepatomegaly (enlarged liver)	□ Yes □ No □ Unknown
Splenomegaly (enlarged spleen)	□ Yes □ No □ Unknown
Ascites	□ Yes □ No □ Unknown
Acute liver failure (rapid loss of liver function)	□ Yes □ No □ Unknown
Hepatic encephalopathy (loss of brain function due to liver failure)	□ Yes □ No □ Unknown
Hemophagocytic lymphohistiocytosis (buildup of white blood cells in organs)	□ Yes □ No □ Unknown

Was the patient diagnosed with pneumonia at time of clinical presentation/hospitalization? □ Yes □ No □ Unknown

Did patient receive a liver transplant?	□ Yes □ No □ Unkn	If yes, which hospital? _____	**Date of 1st Transplant:** _____/_____/_____ □ Date Unknown
Did patient receive a second transplant?	□ Yes □ No □ Unkn	If yes, which hospital? _____	**Date of 2nd Transplant:** _____/_____/_____ □ Date Unknown

Was the patient treated with:

…cidofovir? □ Yes □ No □ Unknown

…brincidofovir? □ Yes □ No □ Unknown

…steroids? □ Yes □ No □ Unknown *If treated with steroids,* please specify**:** _____

… Intravenous Immunoglobulin (IVIg)? □ Yes □ No □ Unknown

UNDERLYING HEALTH CONDITIONS

Did the patient have any of the following underlying health conditions? □ Yes □ No □ Unknown

If yes, check all that apply:

□ Asthma (or Reactive Airway Disease)
□ Congenital Heart Disease
□ Diabetes Mellitus (Type 1 or 2)
□ Leukemia/Lymphoma
□ Sickle cell anemia
□ Seizure/Seizure disorder
□ Other cancer, specify_____
□ Developmental disorder, specify_____
□ Premature Birth (Gestational age at birth: _____ weeks)
□ History of any transplant, specify _____
□ Other condition, specify _____

ADENOVIRUS TESTING

Provide information on any repeat testing or multiple sample types in the 'Other sample, specify' fields and write-in the specimen type.

Diagnostic Test	Tested/Result	Specimen Collection Date (mm/dd/yyyy)	Is specimen available for shipping to CDC?
Stool	□ Not tested □ Pos □ Neg □ Indeterm □ Pending □ Unkn ***If tested, specify type:*** □ Multipanel PCR □ Other PCR □ Antigen		□ Yes □ No □ Unkn
Respiratory or throat	□ Not tested □ Pos □ Neg □ Indeterm □ Pending □ Unkn ***If tested, specify type:*** □ Multipanel PCR □ Other PCR □ Antigen		□ Yes □ No □ Unkn
Whole blood	□ Not tested □ Pos □ Neg □ Indeterm □ Pending □ Unkn		□ Yes □ No □ Unkn
Plasma	□ Not tested □ Pos □ Neg □ Indeterm □ Pending □ Unkn		□ Yes □ No □ Unkn
Serum	□ Not tested □ Pos □ Neg □ Indeterm □ Pending □ Unkn		□ Yes □ No □ Unkn
Other sample, specify _____	□ Not tested □ Pos □ Neg □ Indeterm □ Pending □ Unkn		□ Yes □ No □ Unkn
Other sample, specify _____	□ Not tested □ Pos □ Neg □ Indeterm □ Pending □ Unkn		□ Yes □ No □ Unkn
Other sample, specify _____	□ Not tested □ Pos □ Neg □ Indeterm □ Pending □ Unkn		□ Yes □ No □ Unkn

Diagnostic test	Value and units	Specimen Collection Date (mm/dd/yyyy)	Specimen type
Blood qPCR	_____ □ copies/mL □ IU/mL		□ Whole blood □ Plasma □ Serum
	_____ □ copies/mL □ IU/mL		□ Whole blood □ Plasma □ Serum
	_____ □ copies/mL □ IU/mL		□ Whole blood □ Plasma □ Serum
	_____ □ copies/mL □ IU/mL		□ Whole blood □ Plasma □ Serum
	_____ □ copies/mL □ IU/mL		□ Whole blood □ Plasma □ Serum
Adenovirus typing results	☐ Not Sent (not typed) ☐ Type 41 ☐ Could not be typed ☐ Other type, specify_____ ☐ Pending		

HEPATITIS VIRUS TESTING

If specimen collection date is not available, use date of laboratory result

Diagnostic Test	Tested/Result	Date Specimen Collected (mm/dd/yyyy)
Hepatitis A		
IgM anti-HAV	□ Not tested □ Pos □ Neg □ Indeterm □ Pending □ Unkn	
IgG anti-HAV	□ Not tested □ Pos □ Neg □ Indeterm □ Pending □ Unkn	
Total anti-HAV	□ Not tested □ Pos □ Neg □ Indeterm □ Pending □ Unkn	
HAV RNA	□ Not tested □ Pos □ Neg □ Indeterm □ Pending □ Unkn	
Hepatitis B		
HBsAg	□ Not tested □ Pos □ Neg □ Indeterm □ Pending □ Unkn	
IgM anti-HBc	□ Not tested □ Pos □ Neg □ Indeterm □ Pending □ Unkn	
Total anti-HBc	□ Not tested □ Pos □ Neg □ Indeterm □ Pending □ Unkn	
HBeAg	□ Not tested □ Pos □ Neg □ Indeterm □ Pending □ Unkn	
HBV DNA	□ Not tested □ Pos □ Neg □ Indeterm □ Pending □ Unkn	
Hepatitis C		
anti-HCV	□ Not tested □ Pos □ Neg □ Indeterm □ Pending □ Unkn	
HCV RNA	□ Not tested □ Pos □ Neg □ Indeterm □ Pending □ Unkn	
Hepatitis D		
anti-HDV	□ Not tested □ Pos □ Neg □ Indeterm □ Pending □ Unkn	
HDV RNA	□ Not tested □ Pos □ Neg □ Indeterm □ Pending □ Unkn	
Hepatitis E		
IgM anti-HEV	□ Not tested □ Pos □ Neg □ Indeterm □ Pending □ Unkn	
IgG anti-HEV	□ Not tested □ Pos □ Neg □ Indeterm □ Pending □ Unkn	
HEV RNA	□ Not tested □ Pos □ Neg □ Indeterm □ Pending □ Unkn	

GASTROINTESTINAL TESTING

Greyed out fields do not require information. If multiple stool samples were collected/tested, mark pathogens detected on any specimen and provide details in the "Summary of Clinical Assessment" section.

Was a stool specimen collected for testing?	□ Yes □ No, skip to next section □ Unknown	Date of first specimen collection _____/_____/_____

Gastrointestinal panel testing

Test Performed	Test Type	Pathogens Detected (check all that apply)		
□ Yes □ No □ Unknown	□ Luminex xTAG □ Biofire / FilmArray □ Other: _____ □ Unknown	□ No pathogens detected □ *Campylobacter* □ *Clostridium difficile* □ *Plesiomonas shigelloides* □ *Salmonella* □ *Yersinia enterocolitica*	□ *Vibrio* □ *Vibrio cholerae* □ Enteroaggregative E. coli (EAEC) □ Enteropathogenic E. coli (EPEC) □ Enterotoxigenic E. coli (ETEC) *lt/st* □ Shiga-like toxin-producing *E. coli* (STEC) □ *E. coli* O157 □ *Shigella*/Enteroinvasive E. coli (EIEC)	□ *Cryptosporidium* □ *Cyclospora cayetanensis* □ *Entamoeba histolytica* □ *Giardia lamblia* □ Astrovirus □ Norovirus GI/GII □ Rotavirus A □ Sapovirus (I, II, IV and V)

Non-panel tests			
Pathogen	**Tested/Result**	**Test Type**	**Details**
Bacterial culture	□ Not tested □ Pos □ Neg □ Indeterm □ Pending □ Unkn		If positive, pathogen:
Norovirus	□ Not tested □ Pos □ Neg □ Indeterm □ Pending □ Unkn	□ PCR □ Other:	□ GI □GII □ Not specified
Sapovirus	□ Not tested □ Pos □ Neg □ Indeterm □ Pending □ Unkn	□ PCR □ Other:	□ I □ II □ III □ IV □ Not specified
Astrovirus	□ Not tested □ Pos □ Neg □ Indeterm □ Pending □ Unkn	□ PCR □ Other:	□ Type: □ Not specified
Rotavirus	□ Not tested □ Pos □ Neg □ Indeterm □ Pending □ Unkn	□ PCR □ EIA □ Other: _____	□ Genotype: □ Not specified
Ova & Parasite	□ Not tested □ Pos □ Neg □ Indeterm □ Pending □ Unkn		If positive, pathogen isolated: _____
C. difficile	□ Not tested □ Pos □ Neg □ Indeterm □ Pending □ Unkn	Name of test: _____	

RESPIRATORY TESTING

Greyed out fields do not require information

Was a respiratory specimen collected for testing?	□ Yes □ No □ Unknown If yes, specify specimen type _____	Date of specimen collection _____/_____/_____

Respiratory panel testing

Test Performed	**Test Type**	**Pathogens Detected (check all that apply)**		
□ Yes □ No □ Unknown	□ Luminex NxTAG RPP □ Luminex NxTAG RPP + SARS-CoV-2 □ Luminex VERIGENE RP Flex □ Biofire / FilmArray RPP □ Biofire / FilmArray PN □ Other: _____ □ Unknown	□ No pathogens detected □ Coronavirus HKU1 □ Coronavirus NL63 □ Coronavirus 229E □ Coronavirus OC43 □ SARS-CoV-2	□ Human Metapneumovirus □ Human Rhinovirus/Enterovirus □ Influenza A □ Influenza A/H1 □ Influenza A/H3 □ Influenza A/H1-2009 □ Influenza B □ Respiratory Syncytial Virus	□ Parainfluenza Virus 1 □ Parainfluenza Virus 2 □ Parainfluenza Virus 3 □ Parainfluenza Virus 4 □ *Bordetella parapertussis* □ *Bordetella pertussis* □ *Chlamydia pneumoniae* □ *Mycoplasma pneumoniae* □ Other :

Other respiratory specimen tests conducted

Pathogen	**Tested/Result**	**Details**	**Date (mm/dd/yyyy)**
SARS-CoV-2 PCR	□ Not tested □ Pos □ Neg □ Indeterm □ Pending □ Unkn		
SARS-CoV-2 Antigen	□ Not tested □ Pos □ Neg □ Indeterm □ Pending □ Unkn		
SARS-CoV-2, Serology (anti-nucleocapsid)	□ Not tested □ Pos □ Neg □ Indeterm □ Pending □ Unkn		
SARS-CoV-2, Serology (anti-spike)	□ Not tested □ Pos □ Neg □ Indeterm □ Pending □ Unkn		
SARS-CoV-2, Other specify_____	□ Not tested □ Pos □ Neg □ Indeterm □ Pending □ Unkn		
Other test (specify): _____	□ Not tested □ Pos □ Neg □ Indeterm □ Pending □ Unkn	If positive, pathogen isolated:	
Other test (specify): _____	□ Not tested □ Pos □ Neg □ Indeterm □ Pending □ Unkn	If positive, pathogen isolated:	

OTHER VIRAL TESTING

Pathogen/ Test Type	Tested/Result	Test/Specimen Type	Date (mm/dd/yyyy)
Cytomegalovirus- PCR	□ Not tested □ Pos □ Neg □ Indeterm □ Pending □ Unkn	□ Whole blood PCR □ Plasma PCR	
Epstein-Barr virus (EBV)- PCR	□ Not tested □ Pos □ Neg □ Indeterm □ Pending □ Unkn	□ Whole blood PCR □ Plasma PCR	
EBV- Viral Capsid Antigen IgG	□ Not tested □ Pos □ Neg □ Indeterm □ Pending □ Unkn		
EBV- Viral Capsid Antigen IgM	□ Not tested □ Pos □ Neg □ Indeterm □ Pending □ Unkn		
EBV- Nuclear Antigen (EBNA) IgG	□ Not tested □ Pos □ Neg □ Indeterm □ Pending □ Unkn		
EBV- Early antigen (EA) IgG	□ Not tested □ Pos □ Neg □ Indeterm □ Pending □ Unkn		
Human herpesvirus 6	□ Not tested □ Pos □ Neg □ Indeterm □ Pending □ Unkn	□ PCR □ Other:	
Human herpesvirus 7	□ Not tested □ Pos □ Neg □ Indeterm □ Pending □ Unkn	□ PCR □ Other:	
Varicella-zoster virus	□ Not tested □ Pos □ Neg □ Indeterm □ Pending □ Unkn	□ PCR □ Other:	
Enterovirus	□ Not tested □ Pos □ Neg □ Indeterm □ Pending □ Unkn	□ PCR □ Other:	
Human immunodeficiency virus	□ Not tested □ Pos □ Neg □ Indeterm □ Pending □ Unkn	□ PCR □ Other:	
Parvovirus B19	□ Not tested □ Pos □ Neg □ Indeterm □ Pending □ Unkn	□ PCR □ Other:	
Herpes simplex virus-1	□ Not tested □ Pos □ Neg □ Indeterm □ Pending □ Unkn	□ PCR □ Other:	
Herpes simplex virus-2	□ Not tested □ Pos □ Neg □ Indeterm □ Pending □ Unkn	□ PCR □ Other:	
Measles	□ Not tested □ Pos □ Neg □ Indeterm □ Pending □ Unkn	□ PCR □ Other:	
Leptospirosis	□ Not tested □ Pos □ Neg □ Indeterm □ Pending □ Unkn	□ PCR □ Other:	

PATIENT HISTORY OF COVID-19

List the most recent positive test. Any additional positive tests can be noted in the "Summary of clinical assessment" section.

Has this patient <u>previously</u> tested positive for SARS-CoV-2? (before current illness)

Positive test	Test Type	Date (most recent, mm/dd/yyyy)
□ Yes □ No □ Unknown	□ PCR □ Antigen □ Serology □ Unknown	□ Date Unknown

LABORATORY MARKERS

Greyed out fields do not require information

Test Name	Initial Value	Date (mm/dd/yyyy)	Highest Value	Date (mm/dd/yyyy)
Alanine aminotransferase (ALT, U/L)				
Aspartate aminotransferase (AST, U/L)				
Total bilirubin (mg/dL)				
Conjugated bilirubin (mg/dL)				
Unconjugated bilirubin (mg/dL)				
INR (International Normalized Ratio)				
Alkaline phosphatase (ALP, U/L)				
Ammonia (µg/dL)				
Prothrombin time (PT)				
White blood cell (WBC) count (Cells x 10^9/L)				
Total Lymphocyte Count (Cells x 10^3/µL)				
Absolute Neutrophil Count (Cells x 10^3/µL)				
Hemoglobin (HGB, g/dL)				
Platelets (Plt, Cells x 10^9/L)				
Sodium (Na, mEq/L)				
Chloride (Cl, mmol/L)				

Potassium (K, mEq/L)				
Carbon dioxide (C02, mmol/L)				
Blood urea nitrogen (BUN, mg/dL)				
Creatinine (mg/dL)				
Glucose (mg/dL)				
Calcium (mg/dL)				
Albumin (g/dL)				
Uric acid (UA, mg/dL)				
Fibrinogen				
C-reactive protein (CRP, mg/dL)				
Erythrocyte Sedimentation Rate (ESR, mm/hr)				
Antinuclear antibody (ANA)				
Smooth muscle antibody (ASMA)				
Liver kidney microsomal antibody (LKM)				
Immunoglobulin (IgG)				

TOXICOLOGY

Provide highest value (and date) and put information on any additional tests in the "Summary of Clinical Assessment" section.

Was a test for acetaminophen drug levels conducted?	□ Yes □ No □ Unkn	If yes, drug level (mcg/mL):_____	Date: _____/_____/_____

RADIOLOGIC FINDINGS

This section is best completed by a clinician. If there are multiple ultrasounds/CTs, list the date of first test and enter dates/ findings of additional tests in the key findings field for that test (i.e. CT, ultrasound, etc.)

Were any of the following conducted:

Imaging Study	**Conducted**	**Date (mm/dd/yyyy)**	**Key Findings**
Abdominal ultrasound	□ Yes □ No □ Unkn		
Abdominal CT scan	□ Yes □ No □ Unkn		
Abdominal MRI	□ Yes □ No □ Unkn		
Other, specify_____	□ Yes □ No □ Unkn		
Other, specify_____	□ Yes □ No □ Unkn		
Other, specify_____	□ Yes □ No □ Unkn		
Other, specify_____	□ Yes □ No □ Unkn		

PATHOLOGIC FINDINGS

Please complete the liver biopsy section or native liver explant section (or both) based on the type of liver tissue specimen collected.

Did the patient have liver tissue analyzed by pathology? □ Yes □ No □ Unknown *(If no, skip to next section)*

Liver biopsy (*complete below for Liver biopsy specimens)*

Liver biopsy specimen collected	□ Yes □ No (If no, skip to native liver explant section) □ Unkn	**Specimen collection date:**

If yes… What were the findings of the liver biopsy (check all that apply)

□ Acute/active hepatitis	□ Fibrosis	□ Macrovesicular steatosis
□ Autoimmune hepatitis	□ Hemophagocytosis	□ Portal inflammation/hepatitis
□ Bile duct injury/inflammation	□ Interface hepatitis	□ Smudge cells
□ Chronic hepatitis	□ Microvesicular steatosis	□ Viral/intranuclear inclusions

…Was there hepatocellular necrosis? □ Yes □ No □ Unknown		
select type (check all that apply): □ Single Cell □ Confluent □ Piecemeal □ Diffuse/Massive	Other findings, specify:	
…What were the results for Adenovirus immunohistochemistry/immunostaining? □ Not tested □ Pos □ Neg □ Indeterm □ Pending □ Unkn		
…Was other immunohistochemistry performed? □ Yes □ No □ Unknown		
If other immunohistochemistry performed, what were the results:		
Pathogen	**Tested/Result**	
HSV1	□ Not tested □ Pos □ Neg □ Indeterm □ Pending □ Unkn	
HSV2	□ Not tested □ Pos □ Neg □ Indeterm □ Pending □ Unkn	
CMV	□ Not tested □ Pos □ Neg □ Indeterm □ Pending □ Unkn	
VZV	□ Not tested □ Pos □ Neg □ Indeterm □ Pending □ Unkn	
Measles	□ Not tested □ Pos □ Neg □ Indeterm □ Pending □ Unkn	
Other pathogen(s), specify:	□ Not tested □ Pos □ Neg □ Indeterm □ Pending □ Unkn	
… Was adenovirus PCR testing conducted?	□ Not tested □ Pos □ Neg □ Indeterm □ Pending □ Unkn	
… Was adenovirus in situ hybridization conducted?	□ Not tested □ Pos □ Neg □ Indeterm □ Pending □ Unkn	
Native liver explant (post liver transplant) ***(Complete below for liver explant specimens)***		
Liver explant specimen collected □ Yes □ No □ Unknown		**Specimen collection date:**
If yes… What were the findings from the liver explant (check all that apply)		
□ Acute/active hepatitis □ Autoimmune hepatitis □ Bile duct injury/inflammation □ Chronic hepatitis	□ Fibrosis □ Hemophagocytosis □ Interface hepatitis □ Microvesicular steatosis	□ Macrovesicular steatosis □ Portal inflammation/hepatitis □ Smudge cells □ Viral/intranuclear inclusions
…Was there hepatocellular necrosis? □ Yes □ No □ Unknown		
select type (check all that apply): □ Single Cell □ Confluent □ Piecemeal □ Diffuse/Massive	Other findings, specify:	
…What were the results for Adenovirus immunohistochemistry/immunostaining? □ Not tested □ Pos □ Neg □ Indeterm □ Pending □ Unkn		
…Was other immunohistochemistry performed? □ Yes □ No □ Unknown		
If other immunohistochemistry performed, what were the results:		
Pathogen	**Tested/Result**	
HSV1	□ Not tested □ Pos □ Neg □ Indeterm □ Pending □ Unkn	
HSV2	□ Not tested □ Pos □ Neg □ Indeterm □ Pending □ Unkn	
CMV	□ Not tested □ Pos □ Neg □ Indeterm □ Pending □ Unkn	
VZV	□ Not tested □ Pos □ Neg □ Indeterm □ Pending □ Unkn	
Measles	□ Not tested □ Pos □ Neg □ Indeterm □ Pending □ Unkn	
Other pathogen(s), specify:	□ Not tested □ Pos □ Neg □ Indeterm □ Pending □ Unkn	
… Was adenovirus PCR testing conducted?	□ Not tested □ Pos □ Neg □ Indeterm □ Pending □ Unkn	
… Was adenovirus in situ hybridization conducted?	□ Not tested □ Pos □ Neg □ Indeterm □ Pending □ Unkn	

SUMMARY OF CLINICAL ASSESSMENT

Use this section to add any additional relevant information and indicate the likely cause of the patient's hepatitis based on the clinician's judgement/assessment

Based on the diagnostic workup, is there a most likely cause of this patient's hepatitis?

□ Hepatitis D
□ Hepatitis E
□ Autoimmune hepatitis
□ Wilson's disease
□ Adenovirus
□ Herpes simplex virus
□ EBV
□ CMV
□ VZV
□ Medication toxicity, if yes specify_____
□ Other viral infection, specify_____
□ Other, specify _____
□ Remains unknown

Any other clinically relevant information?

VACCINATION INFORMATION

Information on vaccinations received should be captured from the state Immunization Information System as the primary source.
For SARS-CoV-2 vaccination, please indicate the vaccine manufacturer for each dose.
Greyed out fields do not require information.

Vaccination	Date Dose 1 (mm/dd/yyyy)	Date Dose 2 (mm/dd/yyyy)	Date Dose 3 (mm/dd/yyyy)	Date Dose 4 (mm/dd/yyyy)	Date Dose 5 (mm/dd/yyyy)
Hepatitis B					
Rotavirus					
DTaP/Tdap					
Hib					
PCV13					
IPV					
MMR					
Varicella					
Hepatitis A					
SARS-CoV-2 *(add vaccine manufacturer below date)*	Manufacturer:	Manufacturer:	Manufacturer:		
Influenza*					
Additional vaccines / doses (list vaccine & date)					

**past year only*