

Attachment B. Pediatric Hepatitis of Unknown Etiology - Exposures Questionnaire (Parental Interview)

Form Approved
OMB No. 0920-0879
Exp. Date 08/31/2026

CASE ID: _____

Version 16 June 2022

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.

Suggested script:

Thank you so much for agreeing to speak with us. Again, my name is _____, and I am working with _____. We are collaborating with the CDC on an investigation of children with hepatitis (severe liver inflammation). It is our hope that by talking with parents like you, we can learn more about what might be causing this illness and help keep people safe. During this conversation, which might take about 45 minutes, I will be asking for more detail about your child's illness, their general health status, and their activities and diet leading up to their illness. I will also ask about the other people living in your home and whether they had any illnesses around the time that your child became sick. Am I speaking with the right person to provide this kind of information? *(If no, ask who would be a better source, and get their name and contact information.)* Thank you.

Please stop me at any time during the interview if a question is unclear. I would like to begin by asking some general information about your child and household.

Contents

INTERVIEW INFORMATION.....	2
PATIENT DEMOGRAPHICS.....	2
HOUSEHOLD STRUCTURE.....	2
PATIENT GENERAL HEALTH INFORMATION.....	3
ELICITATION OF SPECIFIC MEDICATIONS.....	3
PATIENT HISTORY OF PREVIOUS ILLNESSES.....	4
PATIENT HISTORY OF HEPATITIS ILLNESS.....	5
PATIENT EXPOSURES: SCHOOL / DAYCARE / EXTRACURRICULARS.....	6
PATIENT EXPOSURES: ILLNESS IN CLOSE CONTACTS.....	6
PATIENT EXPOSURES: TRAVEL.....	7
PATIENT EXPOSURES: ANIMALS AND INSECTS.....	7
PATIENT EXPOSURES: WATER.....	8
PATIENT EXPOSURES: FOOD.....	8

CDC estimates the average public reporting burden for this collection of information as 45 minutes per response, including the time for reviewing instructions, searching existing data/information sources, gathering and maintaining the data/information needed, and completing and reviewing the collection of information. An agency may not conduct or sponsor, and a person is not required to respond to a collection of information unless it displays a currently valid OMB control number. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing burden to CDC/ATSDR Information Collection Review Office, 1600 Clifton Road NE, MS D-74, Atlanta, Georgia 30333; ATTN: PRA (0920-0879).

PEDIATRIC HEPATITIS OF UNKNOWN ETIOLOGY EXPOSURES QUESTIONNAIRE (PARENTAL INTERVIEW)

Yellow text not to be submitted to CDC
Version 16 June 2022

CASE ID: _____

PATIENT EXPOSURES: OTHER ENVIRONMENTAL EXPOSURES.....	9
PATIENT EXPOSURES: OTHER.....	10
SOCIOECONOMIC STATUS.....	10

INTERVIEW INFORMATION	
Date of interview (mm/dd/yyyy) : ____ / ____ / ____	Interviewer Name : _____
Time of interview: ____:____ AM/PM	Interviewer Institution : _____
Language of interview:	Interviewer Email : _____
Interpreter used?	☐ English ☐ Spanish ☐ Other, specify:
	☐ Yes ☐ No
Relationship of respondent to the case (if not interviewing the case):	

PATIENT DEMOGRAPHICS		
First Name:	Middle Name:	Last Name:
Date of birth (mm/dd/yyyy): ____ / ____ / ____		
What sex was your child assigned at birth? ☐ Male ☐ Female ☐ Refused ☐ Don't know		
Is your child of Hispanic, Latino/a, or Spanish origin?	☐ Hispanic or Latino ☐ Non-Hispanic or Latino (<i>skip to race</i>) ☐ Unknown	
If yes, which country or countries of origin/ancestry?		
Which of the following describe your child's race? <i>Check all that apply</i>	☐ American Indian / Alaska Native ☐ Native Hawaiian / Other Pacific Islander ☐ Asian ☐ White ☐ Black / African American ☐ Other: _____	
Address:	City:	State:
County:	ZIP:	Phone:

HOUSEHOLD STRUCTURE			
Including the patient, how many people live in your household? _____ Please list out ALL of the members of your household <i>Interviewer, please ensure that the parent includes both themselves and the patient in the overall count and below table</i>			
	Relationship to child	Age (yrs)	Occupation (adults)* or name of school/daycare attended (children)**
A			
B			

PEDIATRIC HEPATITIS OF UNKNOWN ETIOLOGY EXPOSURES QUESTIONNAIRE (PARENTAL INTERVIEW)

Yellow text not to be submitted to CDC
Version 16 June 2022

CASE ID: _____

C			
D			
E			
F			
G			
H			

*Probe for informal work arrangements such as in-home daycare. **Occupation should be reported to CDC but daycare name is not required.

Please list out anybody else who cares for your child on a daily or weekly basis (e.g., grandparent, other relative, nanny).			
☐ No one else ☐ Unknown			
	Relationship to child	Age (yrs)	Occupation (adults) or school/daycare attended (children)
A			
B			
C			
D			
E			
F			

PATIENT GENERAL HEALTH INFORMATION

I'd like to ask some general questions about your child's health status prior to this illness.

Does your child have any known food allergies? ☐ Yes ☐ No ☐ Unk If yes, specify:

Has your child ever been diagnosed with any of the following chronic medical conditions? ☐ Yes ☐ No ☐ Unk

If yes, check all that apply

☐ Asthma or Reactive Airway Disease

☐ Congenital Heart Defect

☐ Diabetes Mellitus (Type 1 or 2)

☐ Leukemia/Lymphoma

☐ Immunosuppressive Therapy (steroids, chemotherapy, etc.)

Specify :

☐ Other cancer, specify: _____

☐ Other developmental disorder, specify: _____

☐ Premature Birth (Gestational age at birth: _____ wks)

☐ Seizure / seizure disorder

☐ Sickle cell anemia

☐ Other condition, specify _____

Does your child regularly take any prescription medications?

☐ Yes ☐ No ☐ Unknown

What medication(s):

ELICITATION OF SPECIFIC MEDICATIONS

In the 2 months prior to the onset of your child's illness, did they receive any of the following treatments or medicines?

☐ Yes ☐ No ☐ Unknown If yes, specify below.

If child never took product during time frame, mark "Never" in frequency. Otherwise indicate how often (e.g., daily (1x/day), weekly (1x/week), monthly (1x/month), as needed)

Medication / Drug	First date given (mm/yyyy)	Frequency	Length of use (days)	Brand/Product	Reason
-------------------	----------------------------	-----------	----------------------	---------------	--------

PEDIATRIC HEPATITIS OF UNKNOWN ETIOLOGY EXPOSURES QUESTIONNAIRE (PARENTAL INTERVIEW)

Yellow text not to be submitted to CDC
Version 16 June 2022

CASE ID: _____

Acetaminophen (like Tylenol)		☐ As needed ☐ Weekly ☐ Never	☐ Daily ☐ Monthly ☐ Unknown			
Allergy medicine (like Zyrtec, Claritin, Benadryl)		☐ As needed ☐ Weekly ☐ Never	☐ Daily ☐ Monthly ☐ Unknown			
Aspirin (like Bayer)		☐ As needed ☐ Weekly ☐ Never	☐ Daily ☐ Monthly ☐ Unknown			
Cough syrup (like Robitussin)		☐ As needed ☐ Weekly ☐ Never	☐ Daily ☐ Monthly ☐ Unknown			
Ibuprofen (like Advil or Motrin)		☐ As needed ☐ Weekly ☐ Never	☐ Daily ☐ Monthly ☐ Unknown			
Simethicone drops (like Mylicon)		☐ As needed ☐ Weekly ☐ Never	☐ Daily ☐ Monthly ☐ Unknown			
Any other over-the-counter drugs		☐ As needed ☐ Weekly ☐ Never	☐ Daily ☐ Monthly ☐ Unknown			
Herbal medicine or supplement		☐ As needed ☐ Weekly ☐ Never	☐ Daily ☐ Monthly ☐ Unknown			
Naturopathic or homeopathic medicine (e.g., pulsatilla, belladonna)		☐ As needed ☐ Weekly ☐ Never	☐ Daily ☐ Monthly ☐ Unknown			
Vitamins		☐ As needed ☐ Weekly ☐ Never	☐ Daily ☐ Monthly ☐ Unknown			

Is there any possibility that a friend or family member could have given the child any medication/herbal/supplement not included above during any time in the 2 months prior to your child's illness? ☐ Yes ☐ No

PATIENT HISTORY OF PREVIOUS ILLNESSES				
Has your child <u>ever</u> had COVID-19? ☐ Yes, confirmed ☐ Yes, but not confirmed w/ a test ☐ No ☐ Unknown Please list all known or suspected COVID-19 infections for your child.				
Confirmed with a test? (Yes – PCR, Yes – rapid antigen, Yes – Unk type, No)	Date onset (mm/dd/yyyy)	Highest level of care (home, PCP, etc.)	Symptom status (symptomatic / asx)	Any medications or treatments given
Please describe any <u>other</u> illnesses your child experienced in the 2 months prior to their illness which required treatment or care. ☐ No illnesses ☐ Unknown				
Illness type (e.g., influenza, stomach bug) and clinical diagnosis if available	Date onset (mm/dd/yyyy)	Highest level of care (none, PCP, ED, hospital)		

PEDIATRIC HEPATITIS OF UNKNOWN ETIOLOGY EXPOSURES QUESTIONNAIRE (PARENTAL INTERVIEW)

Yellow text not to be submitted to CDC
Version 16 June 2022

CASE ID: _____

			Any medications or treatments given
Please describe any more-serious-than-usual injuries (requiring stitches or a trip to the doctor) where the skin was broken in the 2 months prior to your child's illness. ☐ No injuries ☐ Unknown			
Location on body	Date (mm/dd/yyyy)	Item causing injury	Treatment & any unusual reaction
Did your child get any piercings in the 2 months before their illness began? ☐ Yes ☐ No ☐ Unknown			
Location on body	Date (mm/dd/yyyy)	Facility name	

PATIENT HISTORY OF HEPATITIS ILLNESS

Approximately when did your child's symptoms begin? (mm/dd/yyyy): ____ / ____ / ____

During your child's illness, did he or she have any of the following symptoms? *Please check all that apply*

- | | | | |
|---|---|-----------------------|---|
| a. Felt feverish or hot | ☐ Yes ☐ No ☐ Unknown | h. Diarrhea | ☐ Yes ☐ No ☐ Unknown |
| b. Temperature $\geq 100^{\circ}\text{F}$ OR 37.8°C | ☐ Yes ☐ No ☐ Unknown | i. Nausea | ☐ Yes ☐ No ☐ Unknown |
| c. Abdominal pain | ☐ Yes ☐ No ☐ Unknown | j. Pale stool | ☐ Yes ☐ No ☐ Unknown |
| d. Conjunctivitis (pink eye / red, irritated eyes) | ☐ Yes ☐ No ☐ Unknown | k. Sore throat | ☐ Yes ☐ No ☐ Unknown |
| e. Cough / runny nose | ☐ Yes ☐ No ☐ Unknown | l. Tiredness/fatigue | ☐ Yes ☐ No ☐ Unknown |
| f. Dark-colored urine | ☐ Yes ☐ No ☐ Unknown | m. Yellow skin / eyes | ☐ Yes ☐ No ☐ Unknown |
| g. Decreased appetite | ☐ Yes ☐ No ☐ Unknown | n. Vomiting | ☐ Yes ☐ No ☐ Unknown |
| o. Other (specify): _____ | ☐ Yes ☐ No ☐ Unknown | | |

Which was the first symptom to appear?

Did you give your child any over-the-counter medications or home treatments for this illness? ☐ Yes ☐ No ☐ Unknown

If yes, what? *Prompt to include herbal/other remedies.*

PEDIATRIC HEPATITIS OF UNKNOWN ETIOLOGY EXPOSURES QUESTIONNAIRE (PARENTAL INTERVIEW)

Yellow text not to be submitted to CDC
Version 16 June 2022

CASE ID: _____

Where did you seek care for your child's illness? (Prompt and mark all that apply below)		
Primary care provider?	☐ Yes ☐ No ☐ Unk	Date (mm/dd/yyyy): ____ / ____ / ____
Urgent care?	☐ Yes ☐ No ☐ Unk	Date (mm/dd/yyyy): ____ / ____ / ____
Emergency department?	☐ Yes ☐ No ☐ Unk	Date (mm/dd/yyyy): ____ / ____ / ____
Other? (specify): _____	☐ Yes ☐ No ☐ Unk	Date (mm/dd/yyyy): ____ / ____ / ____
Was your child prescribed any medications during these visits?		☐ Yes ☐ No ☐ Unknown
If yes, what was prescribed?	☐ Antibiotics (specify name): ☐ Other (specify):	
Was your child admitted to the hospital because of this illness?		☐ Yes ☐ No
If yes, what was the name of the hospital?		
What was the date of admission?	Date (mm/dd/yyyy): ____ / ____ / ____	

PATIENT EXPOSURES: SCHOOL / DAYCARE / EXTRACURRICULARS

Did your child attend in-person school or daycare (including informal daycare arrangement) in the month before they became sick with hepatitis? ☐ Yes ☐ No		If yes, Grade / classroom:	
Name of school/daycare:		Days per week:	Hours/day:
When did your child first start attending daycare or school (including pre-COVID)? Mm/yyyy ____ / ____ ☐ N/A			
Approximately how many months in 2020 did your child attend school or daycare in-person ? If none, mark 0.			
Approximately how many months in 2021 did your child attend school or daycare in-person ? If none, mark 0.			
Approximately how many months in the past 12 months did your child attend school or daycare in-person ? If none, mark 0.			
Were any outbreaks reported by school / daycare in the 2 months prior to onset of your child's illness ? ☐ Yes ☐ No ☐ Unk			
If yes, what was the outbreak cause?	When? (mm/yyyy) (list 3 most recent in order)	Any notes from parent	
A	____ / ____		
B	____ / ____		
C	____ / ____		
Does your child participate in any athletic activities (e.g., soccer, swimming)? ☐ Yes ☐ No ☐ Unk			
If yes, which activities and how often?			
Does your child participate in any non-athletic group activities (e.g., group music class, language school)? ☐ Yes ☐ No ☐ Unk			
If yes, which activities and how often?			

PATIENT EXPOSURES: ILLNESS IN CLOSE CONTACTS

Please provide details for any new illnesses or infections in household members or other close contacts in the 2 months prior to the onset of your child's illness. Close contacts might include grandparents, teachers, or playgroup members. If multiple persons, include as group. ☐ No ill contacts ☐ Unk			
Relationship to child	Illness type (e.g., COVID, stomach bug)	Approximate date of	Do you think this was linked

PEDIATRIC HEPATITIS OF UNKNOWN ETIOLOGY EXPOSURES QUESTIONNAIRE (PARENTAL INTERVIEW)

Yellow text not to be submitted to CDC
Version 16 June 2022

CASE ID: _____

		onset (mm/dd/yyyy)	to your child's illness?

PATIENT EXPOSURES: TRAVEL

In the 2 months before their illness, did your child take any trips where they spent at least one night away from home (including within and outside the US)? ☐ Yes ☐ No ☐ Unk

Dates (mm/dd/yyyy)	Destination	Length (days)	Anything unusual? (illness, insect, animal, activity)

In the 2 months before your child's illness, did any other household member travel away from home (any destination)?

☐ Yes ☐ No ☐ Unk

Relationship to case	Destination	Dates	Length	Anything unusual? (see above)

PATIENT EXPOSURES: ANIMALS AND INSECTS

Did you have any pets or other animals living on your property at the time of your child's illness?

☐ Yes ☐ No ☐ Unk **If yes, please list.**

Type of animal	Animal lives in the house?	Animal sleeps with child?	Any animal illnesses in that timeframe? Date / type
	☐ Yes ☐ No ☐ Unk	☐ Yes ☐ No ☐ Unk	
	☐ Yes ☐ No ☐ Unk	☐ Yes ☐ No ☐ Unk	
	☐ Yes ☐ No ☐ Unk	☐ Yes ☐ No ☐ Unk	
	☐ Yes ☐ No ☐ Unk	☐ Yes ☐ No ☐ Unk	
	☐ Yes ☐ No ☐ Unk	☐ Yes ☐ No ☐ Unk	
	☐ Yes ☐ No ☐ Unk	☐ Yes ☐ No ☐ Unk	

PEDIATRIC HEPATITIS OF UNKNOWN ETIOLOGY EXPOSURES QUESTIONNAIRE (PARENTAL INTERVIEW)

Yellow text not to be submitted to CDC
Version 16 June 2022

CASE ID: _____

	☐ Yes ☐ No ☐ Unk	☐ Yes ☐ No ☐ Unk	
--	---	---	--

In the 2 months before their illness began, did your child have any contact with animals at friends' or relatives' homes? ☐ Yes ☐ No ☐ Unk			
Type of animal	Animal lives in the house?	Animal sleeps with child?	Any animal illnesses in that timeframe? Date / type
	☐ Yes ☐ No ☐ Unk	☐ Yes ☐ No ☐ Unk	
	☐ Yes ☐ No ☐ Unk	☐ Yes ☐ No ☐ Unk	
In the 2 months before their illness, did your child have any contact with other domestic animals (e.g., petting zoo)? ☐ Yes ☐ No ☐ Unk			
If yes, describe date (month/year) and location:			
In the 2 months before their illness began, did your child have any contact with wild animals (deer, birds, squirrels, snakes, etc.)? This could include bites as well as any interaction with animal feces. ☐ Yes ☐ No ☐ Unk			
If yes, describe animal, date, encounter:			
In the 2 months before their illness, did your child have any unusual bug bites, with any reaction? This could include an unusual number of bites at once (e.g., mosquito) or a bug that your child doesn't usually encounter (like a tick, spider, or flea) or that could not be identified, or a reaction that is unusual for your child. ☐ Yes ☐ No ☐ Unk			
If yes, describe date, bug if known, reaction:			

PATIENT EXPOSURES: WATER

What is the water supply to the home? ☐ Municipal (piped) ☐ Well ☐ Hauled water ☐
Other: _____
What is the sewage system? ☐ Municipal sewer ☐ Septic tank ☐
Other: _____
Were there any water or sewer problems in the 2 months prior to your child's illness? ☐ Yes ☐ No ☐ Unk
If yes, what:
In the 2 months prior to their illness, did your child swim or play in any natural bodies of water (creek / river, ocean, lake, etc.)? ☐ Yes ☐ No ☐ Unk If yes, which body of water and date:

PATIENT EXPOSURES: FOOD

Does your child follow any special diets or eat certain types of food? ☐ Yes ☐ No
If yes, specify (e.g., vegetarian, Halal, organic, dairy-free, gluten-free, etc.):
Thinking back to your child's diet around the time of their illness, can you please note how frequently they ate the following food types?

PEDIATRIC HEPATITIS OF UNKNOWN ETIOLOGY EXPOSURES QUESTIONNAIRE (PARENTAL INTERVIEW)

Yellow text not to be submitted to CDC
Version 16 June 2022

CASE ID: _____

<i>Food item</i>	<i>Frequency of consumption (at least once per day, per week, per month, less often, or never)</i>
Infant formula, if yes, brand:	☐ Daily ☐ Weekly ☐ Monthly ☐ Rarely ☐ Never ☐ Unk
Baby food “pouches” (e.g., fruit, veggie, oatmeal, yogurt), if yes, brand(s):	☐ Daily ☐ Weekly ☐ Monthly ☐ Rarely ☐ Never ☐ Unk
Other “toddler” foods (e.g., “puffs”)	☐ Daily ☐ Weekly ☐ Monthly ☐ Rarely ☐ Never ☐ Unk
Honey	☐ Daily ☐ Weekly ☐ Monthly ☐ Rarely ☐ Never ☐ Unk
Soft cheeses (e.g., queso fresco, feta, blue cheese)	☐ Daily ☐ Weekly ☐ Monthly ☐ Rarely ☐ Never ☐ Unk
Yogurt, milk, or other dairy products	☐ Daily ☐ Weekly ☐ Monthly ☐ Rarely ☐ Never ☐ Unk
Unpasteurized (“raw”) milk or other dairy product	☐ Daily ☐ Weekly ☐ Monthly ☐ Rarely ☐ Never ☐ Unk
Uncooked/raw vegetables	☐ Daily ☐ Weekly ☐ Monthly ☐ Rarely ☐ Never ☐ Unk
Fresh or frozen berries	☐ Daily ☐ Weekly ☐ Monthly ☐ Rarely ☐ Never ☐ Unk
Fresh herbs or sprouts	☐ Daily ☐ Weekly ☐ Monthly ☐ Rarely ☐ Never ☐ Unk
Mushrooms or mushroom powder	☐ Daily ☐ Weekly ☐ Monthly ☐ Rarely ☐ Never ☐ Unk
Fish or shellfish	☐ Daily ☐ Weekly ☐ Monthly ☐ Rarely ☐ Never ☐ Unk
Meat or poultry	☐ Daily ☐ Weekly ☐ Monthly ☐ Rarely ☐ Never ☐ Unk
Herbal teas	☐ Daily ☐ Weekly ☐ Monthly ☐ Rarely ☐ Never ☐ Unk
Bottled water Probe for “Real Water” brand bottled alkaline water	☐ Daily ☐ Weekly ☐ Monthly ☐ Rarely ☐ Never ☐ Unk
Foods brought from another country, if yes, specify:	☐ Daily ☐ Weekly ☐ Monthly ☐ Rarely ☐ Never ☐ Unk
Other food item of note not mentioned above. If yes, specify:	☐ Daily ☐ Weekly ☐ Monthly ☐ Rarely ☐ Never ☐ Unk

PEDIATRIC HEPATITIS OF UNKNOWN ETIOLOGY EXPOSURES QUESTIONNAIRE (PARENTAL INTERVIEW)

Yellow text not to be submitted to CDC
Version 16 June 2022

CASE ID: _____

	☐ High school graduate/GED ☐ Technical school	☐ Postgraduate/professional ☐ Unknown/refused
In your [<i>participant's name</i>] home, what is the annual household income before taxes for the last calendar year from all sources, including social security and pensions? [read options]	☐ Less than \$25,000 ☐ Between \$25,000 to <\$50,000 ☐ Between \$50,000 to <\$75,000	☐ \$75,000 or more ☐ Unknown/refused