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

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 <u>ncirddvdgast@cdc.gov</u>.

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).

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

CASE ID:_____

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

INTERVIEW INFORMATION				
Date of interview (mm/dd/yyyy) :	Interviewer Name :			
//	Interviewer Institution :			
Time of interview::AM/PM	Interviewer Email :			
Language of interview:	English Spanish Other, specify:			
Interpretor used?	□ 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?	🗌 Female 🗌 Refused	Don't know			
Is your child of Hispanic, Latino/a, or Spanish origin?	Is your child of Hispanic, Latino/a, or Spanish origin?				
If yes, which country or countries of origin/ancestry?	If yes, which country or countries of origin/ancestry?				
Which of the following describe your child's race? Check all that apply					
	Asian 🗆 White				
	Black / African American Other:				
Address:	City:	State:			
County:	ZIP:	Phone:			

HOUSEHOLD STRUCTURE

Incl	Including the patient, how many people live in your household? Please list out ALL of the members of your household				
Inte	Interviewer, please ensure that the parent includes both themself and the patient in the overall count and below table				
	Relationship to child	Age (yrs)	Occupation (adults)* or name of school/daycare attended (children)**		
Α					
В					

	v text not to be submitted to CDC on 16 June 2022	CASE ID:
с		
D		
E		
F		
G		
н		

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

Ple	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 🛛 Unknow	'n			
	Relationship to child	Age (yrs)	Occupation (adults) or school/daycare attended (children)		
Α					
В					
с					
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? 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 <i>If yes</i> , 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		irst date given nm/yyyy)	Frequency	Length of use (days)	Brand/Product	Reason

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

Version 16 June 2022	CASE II	D:	 	
Acetaminophen (like Tylenol)	 As needed Weekly Never 	□ Daily □ Monthly □ Unknown		
Allergy medicine (like Zyrtec, Claritin, Benadryl)	As neededWeeklyNever	 Daily Monthly Unknown 		
Aspirin (like Bayer)	□ As needed□ Weekly□ Never	□ Daily □ Monthly □ Unknown		
Cough syrup (like Robitussin)	□ As needed □ Weekly 	□ Daily □ Monthly		
	Never	🗆 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? \Box Yes \Box No

PATIENT HISTORY OF P	PATIENT HISTORY OF PREVIOUS ILLNESSES					
Has your child <u>ever</u> had COVID-19? 🛛 Ye	es, confirmed 🛛 Ye	es, but not confirmed w	/ a test 🛛 No	Unknown		
Please list all known or suspected COVID-	19 infections for your chil	d.				
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 other 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 availableDate onset (mm/dd/yyyy)Highest level of care (none, PCP, ED, hospital)						

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-us months prior to your child's illness.			where the skin was broken in the 2				
Location on body	Date (mm/dd/yyyy)	Item causing injury	Treatment & any unusual reaction				
Did your child get any piercings in the 2 m	nonths before their illnes	s 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 ≥ 100 °F OR 37.8 °C	□ Yes □ No Unknown		i.	Nausea		Yes		No		Unknown
с.	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	I.	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
о.	Other (specify):	□ Yes □ No Unknown									
Which	was the first symptom to app	bear?									
Did yo	u give your child any over-the	e-counter medication	s or home treatr	nents	for this illness?	□ Ye	s 🗆] No] Ur	known
If yes,	If yes, what? Prompt to include herbal/other remedies.										

Yellow text not to be submitted to CDC

Version 16 June 2022		C,	ASE ID:				
Where did you seek care for your child's	illness? (Pro	ompt and ma	rk all that a _l	oply 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 🔲 Unkno	wn	
	🗆 Antib	iotics (specify	y name):				
If yes, what was prescribed?	□ Othe	r (specify):					
Was your child admitted to the hospital l	because of t	his illness?			□ Yes	🗆 No	
If yes, what was the name of the hospita	?						
What was the date of admission?		Date (mm/	′dd/yyyy): _	/	/		

PATIENT EXPOSURES: SCHOOL / DAYCARE / EXTRACURRICULARS									
Did your child attend in-person school or daycar daycare arrangement) in the month before they Yes INO		If yes, Grade / clas	sroom:						
Name of school/daycare:		Days per week:		Hours/day:					
When did your child first start attending daycar	e or school (including pre-COVII	D)? Mm/yyyy	/	□	N/A				
Approximately how many months in 2020 did y	our child attend school or dayca	are in-person ? If not	ne, mark 0.						
Approximately how many months in 2021 did y	our child attend school or dayca	are in-person ? If not	ne, mark 0.						
Approximately how many months in the past 12	2 months did your child attend s	school or daycare in	-person? If no	one, mark 0.					
Were any outbreaks reported by school / dayca	re in the 2 months prior to onso	et of your child's illn	ess ? 🗌 Yes	🗆 No	🗌 Unk				
If yes, what was the outbreak cause?	When? (mm/yyyy) (list 3 mos	t recent in order)	Any notes fr	rom parent					
Α	/								
В	/								
С	/								
Does your child participate in any athletic activi	ties (e.g., soccer, swimming)?	🗆 Yes 🛛 No	🗌 Unk						
If yes, which activities and how often?									
Does your child participate in any non-athletic g	group activities (e.g., group mus	ic class, language sc	:hool)? 🛛 Y	∕es □ 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

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

П

CASE ID:______

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

PATIENT EXPO	SURES: 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)?									
Dates (mm/dd/yyyy)	Destination	Length (days)	Anything	unusual? (illness, insect, animal, activity)					
In the 2 months before yo	our child's illness, did any other hou Jnk	usehold member	travel away	r from home (any destination)?					
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								

Yellow text not to be submitted to CDC

Version 16 June 2022				CA	ASE 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 th	neir illness, did your child have	e any contact with other dome	estic animals (e.g., petting zoo)? 🗆 Yes 🗆 No 🛛 Unk						
If yes, describe date (mor	nth/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.									
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. \Box Yes \Box No \Box Unk									

If yes, describe date, bug if known, reaction:

PATIENT EXPOSURES: WATER What is the water supply to the home? \Box Municipal (piped) 🗌 Well □ Hauled water Other: What is the sewage system? \Box Municipal sewer □ Septic tank Other:___ Were there any water or sewer problems in the 2 months prior to your child's illness? \Box Yes \Box 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? \Box Yes \Box 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?

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

CASE ID:

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

Yellow text not to be submitted to CDC Version 16 June 2022	CASE ID:					
Did your child have any notable changes to their diet in the month before their illness began? (E.g., started eating new foods, switched						
brand of staple item) 🗌 Yes	No Unknown					
If yes, please specify:						
Did your child eat any new or unusual foods in the month before their illness began, including any seasonal chocolate (ask specifically						
about Kinder chocolate products), food foraged from the wild (berries, mushrooms), herbal teas or powders, or unpasteurised dairy?						
□ Yes □ No □ Unknown	If yes, describe & date:					
In the month before their illness began, did your child eat any food that was moldy/rancid (sources may include nuts, corn, rice, flour,						
grains, breads, cheeses)? 🗌 Yes	□ No □ Unknown					
If yes, describe & date:						

PATIENT EXPOSURES: OTHER ENVIRONMENTAL EXPOSURES

Did your child or anyone in your household start using any <u>new</u> personal care products (e.g., soaps, lotions) in the 2 months before your child's illness began? Yes No Unsure If yes, specify:								
Did your child ever eat alcohol-based hand sanitizer before their illness?								
□ Yes □ No		wn If yes, speci	y date and wha	at happened:				

PATIENT EXPOSURES: OTHER

What do you think caused your child's hepatitis? Are there any other remarkable events, interactions, or experiences in the few months before your child's illness that haven't been discussed so far that might be important? This may include parties, functions, daytrips, or any new types of toys (like playdough or other molding clay). If yes, please describe:

SOCIOECONOMIC STATUS			
What type of health care insurance does the child currently have? (check all that apply)	 Private (e.g. HMO, PPO, managed of Private (e.g. HMO, PPO, managed of Private assistance program Other, specify: 		
What is the highest grade or year of school completed by the child's parent/guardian?	 No high school Some high school 	 Some college College graduate 	

Yellow text not to be submitted to CDC

Version 16 June 2022	CASE ID:		
	□ High school graduate/GED □ Technical school	Postgraduate/professional	
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	