# Cyclosporiasis National Hypothesis Generating Questionnaire

Form Approved OMB No. 0920-1198 Exp. Date 09/30/2023

General information	on (Questions to be	completed by inte	erviewer before the	questionnaire is a	dministered.)			
1. Classify case bas	ed on CDC case def	inition ( <b>Required</b> ):	☐ Confirmed ☐	Probable				
Laboratory inform	ation:							
2. Date(s) stool col	lected for <i>Cyclospol</i>	ra testing:			-			
3. Test results:	Positive Ne	gative 🔲 Indet	erminate 🔲	Pending				
4. Specify type of to	esting laboratories	and testing metho	d(s) (Check all that	apply including cor	firmatory testing):			
	O&P (e.g. microscopy, stained smears)	GI PCR Panel (e.g. BioFire FilmArray®)	PCR (not part of a panel)	Lab-developed test	Other			
Clinical lab								
Commercial lab								
State lab								
CDC lab								
<ul><li>5. Specify name of</li><li>6. State Lab Access</li></ul>		fection:			Not applicable			
Interviewer inform	nation:							
7. Name:								
8. Agency or organ								
9. Contact phone n								
10. Date of intervie								
11. Before this inte			patient been interv	iewed about his/he	er illness?			
□None	Once		Three or more t		ıknown			
_	_	_	_					
Self	2. Respondent for the current interview was:  Self Parent Spouse Other, specify:							

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### **Begin Interview:**

Hello, my name is [state interviewer name]. I am from [INTERVIEWER HEALTH DEPARTMENT]. We are contacting you because of your (your child's) recent infection with *Cyclospora*, which is a parasite that causes intestinal illness. We are trying to determine how people become infected with *Cyclospora* so we can prevent others from getting sick.

You may have already been contacted by someone at the health department, but I would like to ask you questions in a standard way about your (your child's) illness, and about any travel you may have had or foods you may have eaten before becoming ill. The interview will take about 21 minutes. Your help in the investigation is very important. Your participation is voluntary, and you may refuse to answer any question at any time. All information you give will be kept confidential to the extent permitted by law. No individual names or other identifying information will be used in any official reports about the results of the investigation.

Are you willing to participate in this investigation?

If <u>yes</u>: The questions relate to the 14-day period before you (your child) became ill. Therefore, it may help to have a calendar, recent restaurant and grocery store receipts, or credit card statements nearby. Do you need a few moments to get this information? [Then proceed to start of interview]

If no: Thank you for your time.

### **Section 1: Demographic Data**

I'd like to begin by as	sking a fe	ew demographic questions.			
1. State:	0 -	County:	3.	Zip Code: _	
4. Date of birth:	_/	5. Age:	6. Sex:	Male	☐ Female
7. Do you consider yo	urself of	Hispanic or Latino origin?			
Yes					
□No					
Unknown					
8. How would you de	scribe yo	ur race?			
White		American Indian/Ala	skan Native	☐ Black/	African American
Asian		☐ Native Hawaiian/Oth	ner Pacific Islander	Unkno	own
Other, specify:					

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	: Clinical In			(your child's) illness.
wina	ve some qu	estions a	bout your	(your child s) lillness.
What o	date did you	ı (your ch	ild) first fe	el sick?/ Approximate Date Unknown
Yes	Maybe	No	Don't know	10. Have you (your child) had any of the following symptoms?
				a. Diarrhea (loose, watery stools you do not normally have)?
				a. Date diarrhea started:
				b. Date diarrhea stopped: Ongoi
				b. Weight loss?
				c. Fever?
				d. Fatigue?
				e. Anorexia?
				f. Nausea?
				g. Vomiting?
				h. Abdominal cramps?
П		П		11. Have your (your child's) symptoms stopped?
				a. If yes, date symptoms stopped:
				Unknown
				12. Were you (your child) hospitalized overnight?
				a. How many nights were you (your child) hospitalized?
				b. Admission date:
				c. Hospital name (Optional):

13. \*(Optional – for local analysis) List counties in your <a href="https://example.com/homestate">home state</a> (outside your county of residence) where you (your child) might have purchased or eaten fresh foods during the 14 days before onset of illness.

☐ Did not travel to other counties within home state ☐ Unknown

Counties within home state	Date departed	Date returned	Foods eaten

14. List all states and U.S. cities outside of your home state where you (your child) might have purchased or eaten fresh foods during the 14 days before onset of illness. This includes airports and bus or train stations.

Did not travel to other U.S. states

Unknown

U.S. States	U.S. Cities	Date	Date	Foods eaten
		departed	returned	

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purchased or eaten fresh foods during	

15. List all countries <u>outside the</u> the 14 days before onset of ill		ı (your child) migl	nt have purcha	sed or eaten fresh foods during
☐ Did not tra	evel outside the U	J.S.	Unknown	
Countries outside the U.S.	Date departed	Date returned	Foods eaten	
16. During the 14 days before served (e.g. parties, fairs, cond	certs, tournament	ts, conventions)?	_	vents where fresh food was
Yes	☐ Maybe	□No	Unknown	
16a. Please list the name of th	e event(s), date(s	s), and location(s)		
· · · · · · · · · · · · · · · · · · ·		•		mpanion, co-worker, neighbor, been sick recently with a similar
Yes	☐ Maybe	☐ No	Unknown	
17a. If yes/maybe, please spec	cify if you (your cl	nild) and the othe	r ill person(s):	
Live in the same ho		Attended sar	ne event	Traveled together
, , , , , ,	nother, neighbor,	, friend, etc.). * <b>Pl</b>	ease include th	luding number of ill persons and e STATE ID of the ill contact(s), if ormation.
*Note to Interviewer: To help		e interviewee me		

If yes, thank the interviewee for his/her time and end the interview.

If no, continue with interview on next page.

report international travel outside the U.S. or Canada during the 14 days before onset of illness?

# Section 4: Sources of produce at home

Now I have some questions about where the fresh produce came from that you ate at home during the 14 days before your illness began. This isn't necessarily where you shopped during that 14-day period, but where what you actually ate then came from. I'm going to list several types of stores; for each type, please tell me the names of each store from which you would have eaten food from during the 14 days before you became sick. Please refer to your grocery store receipts or credit card statements to provide a more detailed description.

18. Did you (your child) eat foods from: grocery stores or supermarkets, warehouse stores, small markets (such as gas stations), ethnic specialty markets, health food stores, co-ops, fish or meat specialty shops, farmer's markets or food directly from a farm, home delivery grocery services (e.g. CSA, Amazon Fresh), meal delivery services (e.g. Blue Apron, Meals on Wheels), or any other sources?

Store name	Address	City	State	Zip Code	Date shopped	Foods purchased	*Shopper card #

<sup>\*</sup>By giving your shopper card number, you are permitting retrieval of information regarding your purchases. This information may be shared with other public health officials to help with outbreak investigations.

Refused to give shopper card #

#### Section 5: Sources of produce outside the home

Now I have some questions about where you ate produce outside your home, such as at restaurants or fast food chains during the 14 days before your illness began. I'm going to list several types of restaurants and commercial food establishments; for each type, please tell me the names of each place. Please refer to your restaurant receipts or credit card statements to provide a more detailed description.

19. Did you (your child) eat foods from: national fast food chains, Mexican-style, Italian, seafood, Jamaican/Cuban/Caribbean, Chinese/Indian/Japanese/Asian, Middle Eastern/Arabic/Lebanese/African vegetarian or vegan, barbecue or home-style, steakhouse or grill, all-you-can-eat buffet, sandwich shop or deli, diner, salad bar, take-out, breakfast or brunch, school or institution, food truck, or other restaurants or commercial food establishments?

Restaurant name	Address	City	State	Zip Code	Meal date	Foods eaten

Additional comments:
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Questions to be completed by interviewer:	
Is the case associated with a cluster?	o
If yes, what is the cluster name?	

#### Section 6: Fresh herbs

Now I have some questions about fresh herbs (not canned, cooked, or frozen) that you (your child) may have eaten during the 14 days before your illness began. You could have eaten these herbs either in your home or away from home. I am only interested in fresh herbs that were not grown at home. Please remember that fresh herbs are often served as garnishes on drinks, entrees, desserts, or as part of a dish such as pesto, salsa, or a sauce. As I mention each food item, please answer yes, maybe, no, or don't know as to whether you remember having eaten the food during the 14 days before you became ill.

Yes	Maybe	No	Don't	Did you (your child) eat:	
			know		
				20. Fresh basil?	
				a. Type(s): Sweet basil Purple basil (i.e. purple leaves and stems)	
				Thai basil (i.e. green leaves and purple stems	
				Other, specify:	
				b. If eaten at home, what was the:	
				Brand(s):	
				Place(s) purchased (names, locations):	
				Not applicable (did not eat at home)	
				c. If eaten <u>outside the home</u> :	
				List the name(s) of establishment(s) and location(s):	
				Not applicable (did not eat outside the home)	
				21. Fresh cilantro?	
				a. If eaten at home, what was the:	
				Brand(s):	
			Place(s) purchased (names, locations):		
<u> </u>			Not applicable (did not eat at home)		
			b. If eaten <u>outside the home</u> :		
				List the name(s) of establishment(s) and location(s):	
				Not applicable (did not eat outside the home)	
				22. Fresh parsley?	
				23. Fresh oregano?	
				24. Fresh thyme?	
				25. Fresh mint?	
				26. Fresh dill?	
				27. Fresh sage?	
				28. Fresh rosemary?	
				29. Other fresh herbs?	
				a. Type(s): Unknown	

Additional comments about fresh herbs:

### Section 7: Fresh berries and fruit

Now I have some questions about fresh berries and other fruit (not canned, cooked, or frozen) that you (your child) may have eaten during the 14 days before your illness began. You could have eaten this fruit either in your home or away from home. I am only interested in fresh fruits that were not grown at home. Please remember that fruit and berries are often used in smoothies or as garnishes on top of or on the sides of salads and desserts.

Yes	Maybe	No	Don't	Did you (your child) eat:	
			know		
				30. Fresh red raspberries?	
				a. If eaten at home, what was the:	
				Brand(s):	
				Place(s) purchased (names, locations):	
				Not applicable (did not eat at home)	
				b. If eaten <u>outside the home</u> :	
				List the name(s) of establishment(s) and location(s):	
				Not applicable (did not eat outside the home)	
				31. Fresh blackberries?	
				a. If eaten <u>at home</u> , what was the:	
				Brand(s):	
				Place(s) purchased (names, locations):	
				Not applicable (did not eat at home)	
				b. If eaten <u>outside the home</u> :	
				List the name(s) of establishment(s) and location(s):	
				Not applicable (did not eat outside the home)	
_ <u> </u>				32. Fresh black raspberries?	
_ <u> </u>				33. Fresh golden raspberries?	
_ <u> </u>				34. Fresh strawberries?	
_ <u> </u>				35. Fresh blueberries?	
<u> </u>				36. Fresh boysenberries?	
				37. Other fresh berries	
				a. Type(s): Unknown	
<u> </u>				38. Apples?	
<u> </u>				39. Grapes?	
<u> </u>				40. Pears?	
<u> </u>				41. Peaches?	
<u> </u>				42. Nectarines?	
<u> </u>				43. Plums?	
	닏ᆜ	┝	$\square$	44. Oranges?	
<u> </u>	닏ᆜ	$\vdash \sqsubseteq$	닏ᆜ	45. Grapefruit?	
<u> </u>	닏ᆜ	$\vdash \sqsubseteq$	닏ᆜ	46. Tangerines?	
<u> </u>		┝		47. Fresh lemon or lime? This could include a garnish on a drink.	
_닏_	┝	닏		48. Cherries?	
_닏_	┝	닏ᆜ	┝	49. Cantaloupe?	
	닏ᆜ	┝	$\square$	50. Honeydew melon?	
	닏ᆜ	┝	$\square$	51. Watermelon?	
	닏ᆜ	┝	$\square$	52. Precut melon or melon salad?	
_닏_	┝	닏		53. Other melon?	
<u> </u>	┝	닏ᆜ	ᆜ	54. Pineapple?	
		$   \square $		55. Mango?	

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Yes	Maybe	No	Don't know	Did you (your child) eat:
				56. Coconut (whole or shredded)?
				57. Other fruit?
	, —			a. Types:  Kiwi Papaya Guava Pomegranate Other, specify:
Additio	nal comme	ents abo	ut fresh fri	ui <del>t:</del>
Section Now I h eaten d home o remem	8: Leafy g nave some luring the or away fro ber to incl	greens (e question 14 days om home lude gree	e.g. iceberg ns about lo before you e. I am onl ens you mi	g, romaine, mesclun, cabbage, spinach) eafy greens (not canned, cooked, or frozen) that you (your child) may have ur illness began. You could have eaten these leafy greens either in your y interested in leafy greens that were not grown at home. Please ight have eaten on sandwiches or burgers or as a garnish.
Yes	Maybe	No	Don't know	Did you (your child) eat:
				58. Pre-made, single serving salads (e.g. ready to eat salads with toppings, meats, and dressing?)
				a. What were the:  Ingredients (lettuce, cabbage, carrots, etc.):  Brand(s):  Place(s) purchased (names, locations):
				59. Iceberg lettuce?
				a. If eaten at home, what was the:  Type(s): Prepackaged Head/Loose Topping/Garnish Unknown  Brand(s):  Place(s) purchased (names, locations):  Not applicable (did not eat at home)  b. If eaten outside the home:  List the name(s) of establishment(s) and location(s):
				☐ Not applicable (did not eat outside the home)
				60. Romaine lettuce?
				a. If eaten at home, what was the:  Type(s): Prepackaged Head/Loose Topping/Garnish Unknown  Brand(s): Place(s) purchased (names, locations): Not applicable (did not eat at home)  b. If eaten outside the home:
				List the name(s) of establishment(s) and location(s):
				Not applicable (did not eat outside the home)
П				61. Mesclun lettuce (e.g. spring mix, field greens, baby greens)?
	<u>,                                    </u>			a. If eaten at home, what was the:  Type(s): Prepackaged Head/Loose Topping/Garnish Unknown  Brand(s): Place(s) purchased (names, locations):

Not applicable (did not eat at home)

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	b. If eaten <u>outside the home</u> :
	List the name(s) of establishment(s) and location(s):
	☐ Not applicable (did not eat outside the home)
	62. Fresh cabbage?
	a. Type(s): Red Green Savoy (aka curly) Napa
	☐ Bok choy ☐ Brussel sprouts ☐ Other, specify:
	b. If eaten at home, what was the:
	Brand(s):
	Place(s) purchased (names, locations):
	☐ Not applicable (did not eat at home)
	c. If eaten <u>outside the home</u> :
	List the name(s) of establishment(s) and location(s):
	☐ Not applicable (did not eat outside the home)
	63. Fresh spinach?
	a. If eaten at home, what was the:
	Type(s): Prepackaged Head/Loose Topping/Garnish
	Unknown
	Brand(s):
	Place(s) purchased (names, locations):
	Not applicable (did not eat at home)
	b. If eaten <u>outside the home</u> :
	List the name(s) of establishment(s) and location(s):
	Not applicable (did not eat outside the home)
	64. Other lettuce or leafy greens?
	a. Type(s): Arugula Endive Mustard greens Radicchio
	Kale Other, specify:
	65. Other prepackaged salad mix (not previously identified above)?
	a. What were the:
	Ingredients (lettuce, cabbage, carrots, etc.):
	Brand(s):
	Place(s) purchased (names, locations):
Additional comments about leafy gr	eens:

### **Section 9: Other fresh vegetables**

Now I have some questions about fresh vegetables (not canned, cooked, or frozen) that you (your child) may have eaten during the 14 days before your illness began. You could have eaten these vegetables either in your home or away from home. I am only interested in vegetables that were not grown at home. Please include vegetables that were eaten alone or as part of a dish.

Yes	Maybe	No	Don't	Did you (your child) eat:	
			know		
				66. Cucumbers?	
				67. Zucchini?	
				68. Squash?	
				69. Bell peppers?	
				a. Type(s): Red Green Orange Yellow Unknown	
				70. Hot chili/chili peppers (e.g. jalapenos or serranos)?	
				71. Celery?	
				72. "Mini" carrots	
				73. Other fresh carrots?	

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	74. Other raw root vegetables?
	a. Type(s): Radishes Beets Turnips Unknown
	Other, specify:
	75. Fresh, raw peas? (May be shelled or in the pod)
	a. Type(s): Garden peas Snow peas (i.e. flat, shiny pods containing
	peas) Sugar snap peas (i.e. plump, crisp, edible pods) Unknown
	Other, specify:
	a. If eaten at home, what was the:
	Brand(s):
	Place(s) purchased (names, locations):
	Not applicable (did not eat at home)
	b. If eaten <u>outside the home</u> :
	List the name(s) of establishment(s) and location(s):
	Not applicable (did not eat outside the home)
	76. Broccoli?
	77. Cauliflower?
	78. Sprouts?
	79. Raw onions? (Of note: green onions/scallions are addressed in the
	next question)
	a. Type(s): White Yellow Red/Purple Unknown
	Other, specify:
<u> </u>	80. Raw green onions/scallions?
	81. Fresh tomatoes?
	a. Type(s): Red round Roma (oval-shaped) Grape/Cherry (bite-
	sized) Unknown Other, specify:
	82. Salsa or pico de gallo (not from a jar)?
	a. If eaten <u>at home</u> , what was the:
	Brand(s):
	Place(s) purchased (names, locations):
	Not applicable (did not eat at home)
	b. If eaten <u>outside the home</u> :
	List the name(s) of establishment(s) and location(s):
	Not applicable (did not eat outside the home)
	83. Fresh guacamole (not from a jar)?
	a. If eaten <u>at home</u> , what was the:
	Brand(s):
	Place(s) purchased (names, locations):
	Not applicable (did not eat at home)
	b. If eaten <u>outside the home</u> :
	List the name(s) of establishment(s) and location(s):
	Not applicable (did not eat outside the home)
Additional comments, including oth	er tynes of fresh vegetables:

these interviews together, we may need to talk to you again about a few details. Would you like to provide any additional thoughts about anything we've discussed or about this outbreak investigation?

This completes the interview. Thank you very much for your time. Depending on what we find when we put