

Invasive Cronobacter Infection in Infants Case Report Form NOTE: Enter all dates as MM/DD/YYYYY

ADMINISTRATIVE									
Case state ID: NNDSS ID:									
			PulseN	let ID:		Date form completed:			
	ssociated No	with an outbreak? Unknown							
			ILLNE	SS HISTORY					
Date of onset of illness (MM/DD/YYYY): Age at onset of illness (If <60 days, please describe age in number of days):							Days Months		
Sex: Male Female Other Unknown	Male Hispanic or Latino Female Not Hispanic or Latino Other Unknown			hat apply): can American ian or Islander	Middle Eas Unknown	Indian or Alaskan Native stern or North African e, specify:			
State of Reside	nce:			State where illnes	ss occurred: _				
		zed at the time of illr Unknown				ized as a result of this infec Unknown			
Type of hospita Hospital inte NICU	Sp	(select one): ecial care nursery wborn nursery	Regular Unknow		Admission date:				
Clinical syndrome (select all that apply): Sepsis (bacteremia) Necrotizing Enterocolitis (NEC) Urinary tract infection Other (specify): Meningitis Skin or soft tissue infection Diarrhea Unknown									
Complications (select all that apply): Death: Seizures Ventricular shunt Yes, (MM/DD/YYYY): Brain abscess Unknown No Brain infarct Other (specify): Hydrocephalus Hydrocephalus									
			MEDIC	AL HISTORY					
Birth history: Cesarean de Vaginal deliv Unknown	-	Was the infant a: Singleton Multiple Unknown	Gestational aç	ge (weeks) at birt	:h:	Birth weight:	_ grams		
Did mother receive antibiotics during labor or delivery?									
Yes (reason:; drug(s):) No Unknown									
Previous diagnoses or treatments (select all that apply): None Mechanical ventilation Immunocompromising condition (e.g. Primary immunodeficiency) Gastrointestinal (GI) surgery Non-GI surgery (specify):									
Did the patient receive any medications by mouth or feeding tube in the 10 days prior to illness onset? Yes No Unknown									
If yes, please list oral medications given: Has the infant ever been treated with steroids? Yes No Unknown Did the infant receive gastric acid suppressing medications in the 10 days prior to illness onset?									
Yes No Unknown prior to liliness onset? Yes No Unknown									

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If yes, what source(s) of breast milk? Mother's milk Donor milk Informally shared breast milk Unk Was the infant exclusively breast fed? Yes No Unk Was expressed breast milk consumed (i.e., pumped and fed through bottle or tube)? Yes No Unk If yes, was pumped milk from multiple pumping sessions ever combined and then stored for later use? Was powdered infant formula or powdered breast milk fortifier used in the 10 days before liness began, including in the preparation of infant cereal? Wis powdered infant formula or powdered breast milk fortifier used in the 10 days before liness began including in the preparation of infant cereal? Did the infant consume liquid formula in the 10 days before illness began? Yes No Unk Did the infant consume any solid foods, including cereal, in the 10 days before illness began? Yes No Unk If yes, specify types of solid food: Infant cereal Pures Solid table food Unknown If infant cereal was consumed, type of liquid used for preparing infant cereal (select all that apply) Ready-to-feed Liquid formula Powdered formula (mixed with water) Water Unknown Was water used to prepare infant formula? Yes No Unk Type of water used for preparing infant formula (select all that apply) Public water system (e.g. tap water from a municipal system) Individual water system (e.g. tap water from a municipal system) Individual water system (e.g. tap water from a municipal system) Individual water system (e.g. tap water from a municipal system) Individual water system (e.g. tap water from a municipal system) Individual water system (e.g. the water from a municipal system) Individual water system (e.g. the water from a municipal system) Individual water system (e.g. the water from a municipal system) Individual water system (e.g. the water from a municipal system) Individual water system (e.g. the water from a municipal system) Individual water system (e.g. the water from a municipal system) Individual water system (e.g. the water from a municipal system) Individual water system (e.g. the water from a	FEEDING HISTORY									
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Stirred with a utensil	How were formula and water	r mixed? (select all that a	pply)							
Was anything ever added to breast milk or formula (besides water) during the 10 days before illness? If yes, please select all that apply: Powdered fortifier (e.g., powdered formula or fortifier to boost nutrition) Liquid fortifier Vitamins or iron Please provide infant formula preparation details (regardless of type) What frequency was formula prepared? Bottle/individual feed Batch Unknown Refrigerator Cooler with ice or ice packs Maximum storage time of prepared, Maximum storage time of prepared, Maximum storage time of prepared, Where was prepared formula stored? (select all that apply) Refrigerator Cooler with ice or ice packs What temperature was formula at time	Stirred with a utensil	Unknown		machine						
If yes, please select all that apply: Powdered fortifier (e.g., powdered formula or fortifier to boost nutrition) Liquid fortifier Please provide infant formula preparation details (regardless of type) What frequency was formula prepared? Bottle/individual feed Batch Unknown Maximum storage time of prepared, Maximum storage time of prepared, Maximum storage time of prepared, Momercial infant milk thickener Juice Unknown Other (specify): Unknown Other (select all that apply) Refrigerator Cooler with ice or ice packs What temperature was formula at time	Was anything over added to br	aget milk or formula (bas	idos water) during t	ho 10 days						
Powdered fortifier (e.g., powdered formula or fortifier to boost nutrition) Liquid fortifier Vitamins or iron Please provide infant formula preparation details (regardless of type) What frequency was formula prepared? Bottle/individual feed Batch Unknown Where was prepared formula stored? (select all that apply) Refrigerator Cooler with ice or ice packs Maximum storage time of prepared, Maximum storage time of prepared, What temperature was formula at time		sast fillik of forfitula (besi	ides water) during t	ne ro days	•	Yes	No	Unknown		
formula or fortifier to boost nutrition) Liquid fortifier Vitamins or iron Other (specify): Please provide infant formula preparation details (regardless of type) What frequency was formula prepared? Bottle/individual feed Batch Unknown Where was prepared formula stored? (select all that apply) Refrigerator Cooler with ice or ice packs Unknown What temperature was formula at time	If yes, please select all that	apply:								
Liquid fortifier Vitamins or iron Other (specify): Please provide infant formula preparation details (regardless of type) What frequency was formula prepared? Bottle/individual feed Batch Unknown Maximum storage time of prepared, Maximum storage time of prepared, Witamins or iron Other (specify): Outside of refrigerator/cooler Unknown What temperature was formula at time				kener						
Please provide infant formula preparation details (regardless of type) What frequency was formula prepared? Bottle/individual feed Batch Unknown Maximum storage time of prepared, Maximum storage time of prepared, Maximum storage time of prepared, Where was prepared formula stored? (select all that apply) Coulside of refrigerator/cooler Unknown What temperature was formula at time		,				fv)·				
What frequency was formula prepared? Bottle/individual feed Batch Unknown Maximum storage time of prepared, Where was prepared formula stored? (select all that apply) Refrigerator Cooler with ice or ice packs Unknown What temperature was formula at time	•			me)	- Ctrici (opeci	.,,,.				
Bottle/individual feed Batch Unknown Maximum storage time of prepared, Refrigerator Cooler with ice or ice packs Unknown Outside of refrigerator/cooler Unknown What temperature was formula at time	•				lect all that ar	nn/v)				
Batch Unknown Maximum storage time of prepared,		-			•		/cooler			
Unknown Maximum storage time of prepared, Maximum storage time of prepared, What temperature was formula at time				3			300101			
	Unknown		•							
refrigerated formula room temperature formula of feeding?				pared,			as formula	a at time		
0-24 hours >48 hours 0-2 hours >6 hours Warmed Cold	<u> </u>	•			•		(Cold		
24-48 hours Unknown 2-6 hours Unknown Room temperature Unknown	24-48 hours Unknown	2-6 hou	rs Unknowr	1	Room te	emperatur	e l	Jnknown		

Was clean pump kit ever	reassembled while still	Unknown							
Please provide environmental details									
Please provide infant formula product details Complete product name (including brand, type, and variety):									
Product manufacturer: Abbott Nutrition Mead Johnson Nutrition	on/Reckitt Benckiser	Nestle USA Perrigo Com		Unkno Other,	own , (specify):				
Type of product: Powder Ready-to-feed	Liquid concentrate Liquid fortifier	Other, (spec	:ify):		Size of container:	lbs oz fl. oz	OR	grams ml	
Lot number(s), if known:					Use by	Date:			
Dates consumed:			known date		_				
Complete product name (including brand, type, and variety):									
Product manufacturer: Abbott Nutrition Mead Johnson Nutrition	on/Reckitt Benckiser	Nestle USA Perrigo Com		Unkno Other,	own ; (specify):				
Type of product: Powder Ready-to-feed	Liquid concentrate Liquid fortifier	Other, (spec	cify):		Size of container:	lbs oz fl. oz	OR	grams ml	
Lot number(s), if known:	Lot number(s), if known: Use by Date:								
Dates consumed: to Unknown dates consumed									
Complete product name (including brand, type, and variety):									
Product manufacturer: Abbott Nutrition Mead Johnson Nutrition	on/Reckitt Benckiser	Nestle USA Perrigo Com		Other, Unkno	, (specify): own				
Type of product: Powder Ready-to-feed	Liquid concentrate Liquid fortifier	Other, (spec	:ify):		Size of container:	lbs oz fl. oz	OR	grams ml	
Lot number(s), if known:					Use by	Date:		_	
Dates consumed: to Unknown dates consu			es consum	ied					

Specimen Collection

Lab ID:	Specimen Source:							
	Blood	ngeal swab						
	Cerebrospina Stool		eal swab clinical source (<i>specify)</i> :					
	Urine	Other	clinical source (specify).					
	5 11							
Collection Date:	Results:	Test Type:	Was antibiotic testing completed?					
	Positive	Culture	Yes					
	Negative	PCR	No Helmoure					
	Unknown	Another Method	Unknown					
If yes, antibiotics with	intermediate resistance	e:						
If yes, antibiotics with	complete resistance:							
ii yes, ailibiolics willi	complete resistance.							
Lab ID:	Specimen Source	e:						
	Blood	Phary	ngeal swab					
	Cerebrospina	Cerebrospinal fluid (CSF) Tracheal swab						
	Stool	Stool Other clinical source (specify):						
	Urine							
Collection Date:	Results:	Test Type:	Was antibiotic testing completed?					
	Positive	Culture	Yes					
	Negative	PCR	No					
	Unknown	Another Method	Unknown					
If yes, antibiotics with	intermediate resistanc	e:	•					
• ,								
If yes, antibiotics with	complete resistance:							
n you, analouou man								
-								
Lab ID:	Specimen Source	:e:						
200 151	Blood							
	Cerebrospina		eal swab					
Stool Other clinical source (specify): Urine								
							Collection Date:	Results:
	Positive	Culture	Yes					
	Negative	PCR	No					
	Unknown	Another Method	Unknown					
If you antibiotics with	intermediate resistand	1						
ii yes, aiilibiolics willi	intermediate resistant	e.						
If yes, antibiotics with	complete resistance:							