	State	ID: Initia	
		Community-Asso	ciated CP-CRE Interview
		Са	L Log
Telephone nu	umber:		
	Date	Time 1	Time 2
(1	mm/dd/yy)	(circle am or pr	n)
Day 1: _		am/pm	am/pm
Day 2: _		am/pm	am/pm
Day 3: _		am/pm	am/pm
Day 4: _		am/pm	am/pm
Day 5: _		am/pm	am/pm
Call no more weekday betv	than 10 time ween 5-8pm	es with 2 attempts per o ; and one weekend day	lay for 5 days over a two week period: (Sat: 9am-6pm or Sun: 1pm-8pm).
Call no more weekday betv Call back	than 10 time ween 5-8pm at	es with 2 attempts per o ; and one weekend day (day)	lay for 5 days over a two week period: (Sat: 9am-6pm or Sun: 1pm-8pm). (time)
Call no more weekday betv Call back Call back	than 10 time ween 5-8pm at at	es with 2 attempts per o ; and one weekend day	lay for 5 days over a two week period: (Sat: 9am-6pm or Sun: 1pm-8pm). (time) (time)
Call no more weekday betv Call back Call back Call back	than 10 time ween 5-8pm at at at	es with 2 attempts per o ; and one weekend day (day) (day)	lay for 5 days over a two week period: (Sat: 9am-6pm or Sun: 1pm-8pm). (time) (time)
Call no more weekday betw Call back Call back Call back Person to spe	than 10 time ween 5-8pm at at at eak with:	es with 2 attempts per o ; and one weekend day (day) (day) (day)	lay for 5 days over a two week period: (Sat: 9am-6pm or Sun: 1pm-8pm). (time) (time) (time)
Call no more weekday betw Call back Call back Call back Person to spe	than 10 time ween 5-8pm at at at eak with:	es with 2 attempts per o ; and one weekend day (day) (day) (day)	lay for 5 days over a two week period: (Sat: 9am-6pm or Sun: 1pm-8pm). (time) (time) (time)
Call no more weekday betw Call back Call back Call back Call back Person to spe Patient	than 10 time ween 5-8pm at at at eak with:	es with 2 attempts per of ; and one weekend day (day) (day) (day) entia or deceased from C	lay for 5 days over a two week period: (Sat: 9am-6pm or Sun: 1pm-8pm). (time) (time) (time) RF MuGSI data)
Call no more weekday betw Call back Call back Call back Call back Person to spe Patient	than 10 time ween 5-8pm at at at eak with:	es with 2 attempts per o ; and one weekend day (day) (day) (day)	lay for 5 days over a two week period: (Sat: 9am-6pm or Sun: 1pm-8pm). (time) (time) (time) RF MuGSI data)
Call no more weekday betw Call back Call back Call back Call back Person to spe Patient Proxy (patie	than 10 time ween 5-8pm at at at eak with: ent with deme nt or guardia	es with 2 attempts per of ; and one weekend day (day) (day) (day) entia or deceased from C	lay for 5 days over a two week period: (Sat: 9am-6pm or Sun: 1pm-8pm). (time) (time) (time) RF MuGSI data) rs of age)

State ID:	Date of incident specimen collection://
	State ID:

Patient ID:	S	tate ID:	Date	of incident speci	men collection	n://
ENROLLEE	INTERVIEW – 7	This portion	WILL BE TRAN	ISFERRED TO C	DC	
SECTION 1:	IDENTIFIERS (TO BE FILLED	OUT BY EIP S	TAFF)		
1. Patient II	D:					
2. State ID:						
3. Provider	ID:					
4. Lab ID: _						
5. Specime	n ID (accessior	number):				
6. Date of ir	ncident specim	en collection :	/ (mm/dd/yyyy)	/		
7. Age (yea	rs)					
8. Sex	□ Male □	Female				

HAVE A CALENDAR IN FRONT OF YOU.

I will ask you questions about [you/your child's] visits to healthcare, activities of people living in [you/your child's] household, occupation, travel, other potentially relevant activities, and other aspects of [your/your child's] health. It may be difficult to remember, but I would like your best guess for each question. I will be asking you about specific dates around the time [you/your child] tested positive for the CRE germ. For your reference, the germ was identified from [you/your child] on [incident specimen collection date] _______ at [facility] _______. During this interview, I will call the test for the CRE germ a "positive test for CRE." The questions I ask you will pertain to a time period up to three years before the positive test for CRE. If you have a calendar, planner, or health records (including things like medical bills or health insurance statements from that time), it may be helpful to get those items to help recall events. Do you need a minute to go get any of these items?

If interviewees gravitate toward answering that they don't know/are unsure how to answer questions, encourage them to try to remember one way or another. [See Interviewer Manual]

Section 2: Screening for healthcare exposures in the past year

(Note to interviewer: this is a screening section to confirm the findings from medical record review that the MuGSI case is community-associated):

First, I am going to ask you some brief questions about selected healthcare visits and treatments.

A. Did you/your child stay overnight in a hospital in the <u>12 months before the positive test for CRE</u>? This includes hospitals in the United States and in other countries.

□ Yes □ No □ DK □ Refused

a. <u>If YES</u>, Where were you/your child hospitalized? _____

Patient ID:	State ID:	Date of incident specimen collection:	7	/
				/

- B. Did you/your child stay overnight in a nursing home in the <u>12 months before the positive test for</u> <u>CRE</u>? This includes nursing homes in the United States and in other countries.
 Yes
 No
 DK
 Refused
- C. Did you/your child have surgery in the <u>12 months before the positive test for CRE</u>?

□ Yes □ No □ DK □ Refused

a. <u>If YES</u>, What kind of surgery did you/your child have? ______. [Reference CRF instructions to verify that the surgery reported qualifies under MuGSI criteria. If not, change the answer to "No" and record additional details in the comments section.]

D. Were you/your child receiving dialysis at the time of the positive test for CRE?

□ Yes □ No □ DK □ Refused

E. I am going to ask about medical devices. These are types of medical equipment that are put in your body to either give you things, like food or medications or oxygen, or take things out, like collect blood or urine. <u>On the day of your/your child's positive test for CRE or in the 2 days before the positive test for CRE</u>, did you/your child have any medical devices in your body?

□ Yes □ No □ DK □ Refused

a. If YES, What type of medical device did you/your child have?

[Reference CRF instructions to verify that the medical device reported qualifies under MuGSI criteria. If not, change the answer to "No" and record additional details in the comments section.]

[If the patient answered "YES" to any of the questions in the screening section, then STOP the interview after saying "Thank you for your time. We are only interviewing people who have not had any of these healthcare encounters. We will contact you if we have further questions." If the patient answered "No", "DK", "Refused", then continue the interview and go to Section 3: Healthcare exposures.]

Section 3: Healthcare exposures

I will now ask you additional questions about your/your child's healthcare in the past.

- I have already asked you about medical devices during the two days before the positive test for CRE. Did you/your child have any medical devices in your body in the <u>12 months before the</u> positive test for CRE?
 - □ Yes □ No □ DK □ Refused

a. <u>If YES</u>, specify: _____.

I will now ask you about hospitalizations, staying in a nursing home, surgeries, home medical care, and medical procedures <u>before the positive CRE test.</u>

Had you/your child <u>ever</u> stayed overnight in a hospital <u>before the positive test for CRE</u>?
 Yes
 No
 DK
 Refused

Patient ID:	State ID:	Date of incident specimen collection:	1	/
		bate of meldent specifien concetion.	//	

- a. If YES, when was your/your child's most recent stay in a hospital? (mm/dd/yy) ____
- Had you/your child <u>ever</u> stayed overnight in a nursing home <u>before the positive test for CRE</u>?
 Yes
 No
 DK
 Refused
 - a. If YES, when was your/your child's most recent stay in a nursing home? (mm/dd/yy)
- 4. Did you/your child receive dialysis in the <u>12 months before the positive test for CRE?</u> □ Yes □ No □ DK □ Refused
- 5. Did you/your child go to a clinic or infusion center to have medications injected through your/your child's veins in the <u>12 months before the positive test for CRE?</u> Medications commonly injected through the veins include those given for cancer chemotherapy and some antibiotics. [If needed an infusion clinic is a place outside of the hospital that provides medications through your veins; chemotherapy is medication given for cancer treatment; antibiotics are medicines that fight infections caused by bacteria in humans and animals by either killing the bacteria or making it difficult for the bacteria to grow and multiply.]
 Yes
 No
 DK
 Refused
 - a. If YES, what was the reason for visiting this clinic or facility?
- 6. Did you/your child have any wounds that would not heal for more than two weeks, like a foot ulcer, in the <u>12 months before the positive test for CRE?</u>
 Yes No [skip to Q10] DK [skip to Q10] Refused [skip to Q10]
- 7. Who took care of the wound? This includes care in a clinic, the hospital, or your/your child's home. [note: wound care specialists can come from a variety of healthcare professions such as physicians, nurses, physical/occupational therapists, and pharmacists] (check all that apply).
 - □ Self
 - □ Relative or friend
 - □ Wound care specialist
 - □ Other (specify: _____)
 - 🗆 DK
 - Refused
- 8. Did this involve hydrotherapy or whirlpool therapy [**if needed** techniques that involves the use of water to aid with cleaning or healing]?
 - □ Yes □ No □ DK □ Refused
- 9. Was a wound VAC used during your/your child wound care [**If needed** a wound VAC is a device consisting of a machine that connects to a dressing over a wound and sucks fluid out of the wound to help the wound heal more quickly]?.
 - □ Yes □ No □ DK □ Refused
- 10. Did you/your child receive any care from home healthcare providers (for example, visiting nurses, wound care providers) in the <u>12 months before the positive test for CRE?</u>
 □ Yes
 □ No
 □ DK
 □ Refused

Patient ID:	State ID:	Date	of incident specime	n collection://
a. <u>If</u> 	YES, can you describe	the services th	ney provided for y	vou/your child?
look i befor	nside your bowel, stom e the positive test for C	ach, lungs, etc	. (e.g. endoscopy	ires where a doctor used a scope to v, colonoscopy) in the <u>12 months</u>
a. <u>If `</u>	YES, what was the nam	e of the proce	dure?	
Section 4: T Next, I will as		ation about trav	el and residence	outside of the United States (U.S).
<u>CRÉ</u> □ Ye	<u>?</u> s [complete the table]	□ No [skip	-	3 years before the positive test for DK [skip to Section 5]
🗆 Re	fused [skip to Section	5]		

a. <u>If YES</u>, What country or countries did you/your child visit? During what year or years did you/your child go to [country]?

Country	Years
a)	to
b)	to

13. Did you/your child receive any dental or medical care during your travels outside of the U.S. in the <u>3 years before the positive test for CRE?</u> This includes but not limited to dental cleanings or dental procedures, visits to outpatient clinics, overnight stays in hospitals, surgeries, endoscopies, cosmetic surgery, medication infusions, or other types of medical or dental care.
Yes O No [skip to Section 5] O DK [skip to Section 5] Refused [skip to Section 5]

If YES, [use the table below to record responses to the following questions]:

- a. In what country did you/your child receive your dental care/healthcare?
- b. What type of care did you/your child receive?
- c. Approximately what year or years did you/your child receive dental care/healthcare?
- d. Was getting medical care one of the reasons why you/your child travelled? [medical tourism]

13a. Country	13b. Dental care/Healthcare Received	13c. Years	13d. Medical tourism?
	 Hospitalization Surgery Other procedure (specify: 	to	□ Yes □ No
	Dental care		

	Patient ID:	State ID:	Date of incident specimen	collection:	//	
--	-------------	-----------	---------------------------	-------------	----	--

Other healthcare (specify:	
)	

Section 5: Antibiotics

Next, I will ask for information about antibiotics. Antibiotics are medicines that fight infections caused by bacteria in humans and animals by either killing the bacteria or making it difficult for the bacteria to grow and multiply.

- 14. Did you/your child take antibiotics in the 12 months before the positive test for CRE? For example, people commonly take antibiotics for urinary tract infections, sore throats, sinus infections, boils or other skin infections, and for dentistry purposes.
 - □ Yes □ No [skip to Section 6] □ DK [skip to Section 6] □ Refused [skip to Section 6]

<u>If YES</u>,

- a. Why did you/your child take antibiotics? (check all that apply):
 - □ Urinary tract infection
 - □ Dental cleaning
 - Oral surgery
 - □ Ear, sinus, or other upper respiratory infection
 - Pneumonia
 - □ Skin infection
 - Acne
 - Other infection (specify: ______
 - Other reason (specify: ______
 - 🗆 DK
 - Refused
- b. What antibiotics did you/your child take? [do NOT read list below; check all that apply] □ DK □ Refused

	Ciprofloxacin or Cipro	Nitrofurantoin
Amoxicillin/Clavulanate	Clarithromycin	Norfloxacin or Norflox
Ampicillin	Cleocin	Ofloxacin or Oflox
Augmentin	Clindamycin	Omnicef
Azithromycin	Dapsone	Penicillin or Pen VK
Bactrim	Doxycycline	Pediazole
🗆 Biaxin	□ Duricef	Septra
Ceclor	Erythromycin	□ Suprax
Cefaclor	Erythromycin/sulfa	Tetracycline
Cefadroxil	Flagyl	🗆 Tequin
Cefdinir	□ Floxin	
Ceftin	□ Keflex	□ Trimethoprim-sulfamethoxazole
Cefixime	Keftab	🗆 Zagam
Cefuorixime	Levofloxacin	Zithromax or Z-Pak
Cefzil	Levaquin	Other antibiotic 1
		(specify :)
Cefprozil	Macrodantin or macrobid	Other antibiotic 2
		(specify:)
Cephalexin	Monurol	
Cephradine	Metronidazole	

Patient ID:	State ID:	Date of incident specimen collection: / /

Section 6: Occupation:

For the next questions, I will ask you for information about your/your child's occupation and related activities in the <u>12 months before the positive test for CRE.</u>

15. Were you/your child employed at the time of the positive test for CRE?

□ Yes □ No □ DK □ Refused

- a. If YES, what was your/your child's job? [Refer to standard list of occupations]
- 16. Did you/your child work or volunteer at a hospital, healthcare facility, or home health agency in the <u>12 months before the positive test for CRE</u>?

□ Yes [complete the table] □ No [skip to Q18] □ DK [skip to Q18] □ Refused [skip to Q18]

If YES, [use the table below to record responses to the following questions]:

For each position that you/your child held in healthcare in the 12 months before the positive test for CRE:

- a. What was your/your child role there?
- b. What type of healthcare facility or organization did you/your child work in?
- c. Did your/your child's job involve direct physical contact during care for patients?

16a. Role (complete later with standard OMB categories)	16b.Healthcare Facility/agency Type*	16c. Did your/your child's job involve direct physical contact during care for patients?
		Yes [complete Q17]
		🗆 No 🗆 DK 🗆 Ref
		Yes [complete Q17]
		🗆 No 🗆 DK 🗆 Ref

[* Facility types include hospital, emergency department, doctor's office or clinic, dentist, long-term care facility, hemodialysis, home health agency, ambulatory surgery center, other (specify), and should be independently verified against EIP facility classification lists after receiving the name of the facility]

17. [If respondent's job involved direct physical contact during care for patients] Please describe your/your child's direct physical contact during care for patients:

[If the description of diect physical contact during care for patients does not include the following activities, ask for clarification on each activity]:

Bathing patient	□ Yes □ No □ DK □ Ref
Assisting with toileting	□ Yes □ No □ DK □ Ref
Assisting with other hygiene	□ Yes □ No □ DK □ Ref
Caring for a patient known to have CRE	□ Yes □ No □ DK □ Ref

a. **[If respondent had direct physical contact during care for patients]** How old were these persons you/your child provided care for? (check all that apply)

Patient ID:	State ID:	Date of incident specimen collection:	1	/

□ <1 y.o. □ 1-17 y.o. □ 18-39 y.o. □ 40-65 y.o. □ >65 y.o. □ DK □ Refused

18. Did you/your child work or volunteer in a veterinary clinic or in another animal care facility in the <u>12 months before the positive test for CRE?</u>

□ Yes □ No [skip to Section 7] □ DK [skip to Section 7] □ Refused [Section 7]

If YES, [use the table below to record answers to]:

- a. What was your/your child's role there?
- b. Did you/your child provide direct animal care?

18a. Role (complete later with standard OMB categories)	18b. Did you/your child provide direct animal care?	
	Ves [complete Q. 19]	
	🗆 No 🗆 DK 🗆 Ref	
	Ves [complete Q. 19]	
	□ No □ DK □ Ref	

19. **[If respondent provided direct animal care]** Please describe your/your childs animal care duties, including the types of animals cared for:

Section 7: Agricultural and animal exposures

Next, I am going to ask you questions about agricultural and animal exposures in the <u>12 months before</u> the positive test for CRE.

20. Did you/your child have any pets in your household in the 12 months before the positive test for <u>CRE</u>?

□ Yes □ No [skip to Q21] □ DK [skip to Q21] □ Refused [skip to Q21]

- a. <u>If YES</u>, what kind of pets? (check all that apply)
 Cat Dog Rodent Reptile Bird Other:
 Refused
- b. Did your/your child's pet receive any veterinary care in the <u>12 months before the positive test</u> for CRE?

□ DK □ Refused

- i. <u>If YES</u>, what type of healthcare did your/your child's pet receive? (check all that apply)
 - □ Stayed in veterinary hospital
 - □ Stayed in ICU
 - □ Surgery
 - □ Other procedures
 - □ Sick clinic visits
 - □ Routine clinic visits
 - □ Other (specify: _____)
 - 🗆 DK
 - Refused

Patient II	D:	State ID:	Date of incident specimen coll	ection://
	c. Were you/y	our child ever tol	d your pet had CRE?	
	□ Yes □ N	o 🛛 DK	□ Refused	
	d. Was your/y	our child's pet im	ported into the United States from	another country?
	🗆 Yes 🛛 N	o 🛛 🗆 DK	□ Refused	
	e. <u>If YES</u> , wha	at country?		_
21	Did vou/vour	child live or work	with livestock like cattle, sheep, g	oats or other animals in the 12
		e the positive test	1.0	
	□ Yes□ N 8]	lo [skip to Sectio	on 8] DK [skip to Section 8]	Refused [skip to Section
		Dairy cattle	als did you/your child live or work Beef cattle	ey (

Section 8: Household contacts:

Next, I am going to ask you a few questions about activities of your/your child's household members and other contacts, related to some of the topics we have previously talked about with you. Members of your/your child's household are persons who spent at least 50% of their nights in your/your child's household during the 12 months before the positive test for CRE.

22. How many people, including yourself, lived in your household in the <u>12 months before the</u> <u>positive test for CRE</u>? _____

DK [skip to Section 9] Refused [skip to Section 9]

[If answer to Q22 = 1, i.e., interviewee lives alone, skip to Section 9]

Concerning other people who lived in your/your child's household:

23. Was a member of your/your child's household diagnosed with a CRE germ in the <u>12 months</u> <u>before your positive test for CRE</u>?

□ Yes	🗆 No	□ DK	Refused
IF YES a. Was this a fami □ Yes	ily member? □ No	DK	□ Refused
Did a member of y			ay overnight in a
12 months before y	our positive t	est for CRE?	
□ Yes	🗆 No		Refused

If YES, [ask the following questions]:

a. In what type of facility or facilities did this person stay?
 □ Hospital □ Nursing home

25. Did a member of your/your child's household travel or live <u>outside</u> of the U.S. in the 12 months before your positive test for CRE?

□ Yes □ No [skip to Section 9] □ DK [skip to Section 9] □ Refused [skip to Section 9]

hospital or nursing home in the

26. Did a member of your/your child's household receive any dental care or medical care outside of the U.S. in the 12 months before your positive test for CRE? (Incl. but not limited to dental care/procedures, outpatient clinics, inpatient hospitalizations, surgeries, endoscopies, cosmetic surgery, etc.)

□ Yes [complete the table] □ No [skip to Section 9] □ DK [skip to Section 9] □ Refused [skip to Section 9]

If YES [to "Received healthcare/dental care," use the table below to record responses for the following questions]:

- a. In what country did a member of your/your child's household receive dental care or medical care?
- b. What type of care was received (list choices)?
- c. Was getting medical care one of the reasons why this household member travelled? [Medical tourism]

26a. Country	26b. Dental/Healthcare Received	26c. Medical tourism?
	Hospitalization	□ Yes
	□ Surgery	🗆 No
	Other procedure (specify:	Don't know
	Dental care	
	Other healthcare (specify:	
)	

Section 9: Other contacts

Now, I will ask you a couple of questions about other people you/your child may have been in close contact with who are not members of your/your child's household .

27. Did you/your child assist someone outside your household with bathing, toileting, or moving around the house during the 12 months before your positive test for CRE?

□ Yes 🗆 No DK Refused

a. If YES, did this person/persons stay overnight in a hospital or nursing home during the 12 months before your positive test for CRE?

□ Yes □ No DK □ Refused

b. How old were these persons? (check all that apply) □ <1 y.o. □ 1-17 y.o. □ 18-39 y.o. □ 40-65 y.o. □ >65 y.o. □ DK □ Refused

Section 10: Activities and health

I am going to ask some questions about your/your child's health at the time of or before the positive test for CRE on [test date]

Patient ID:	State ID:	D	ate of incident specimer	collection://
-	/your child need he test for CRE?	elp bathing, toi	leting, or moving arc	ound the house <u>at the time of the</u>
□ Yes		□ DK	Refused	
				ne 12 months before positive test for as or three or more infections in one
□ Yes	□ No	□ DK	□ Refused	
Section 11: Fir	nal questions			
	who were born in a		y are more likely to h	ecause studies have shown that have antibiotic resistant bacteria.
a. <u>If YE</u>	<u>S,</u> What country v	vere you/your	child born in?	
31. How do	you think you/you	r child got CRI	Ξ germ?	
32. Is there	anything else you,	your child wou	uld like to tell us?	
33. Can we	call you back at th	is number if w	e have any further q	uestions?
	Yes No			
34. Comme	nts:			
35. Interviev	w completed?	_YesNo		
	interview// (<i>mm/dd</i> wer initials:	уууу)		