

2021 Carbapenem Resistant Enterobacteriaceae (CRE)/ Carbapenem Resistant A. baumannii (CRAB) Multi-site Gram-Negative Surveillance Initiative (MuGSI)

Healthcare-Associated Infections Community Interface (HAIC) Case Report

Form Approved OMB No. 0920-0978

					-	-						
Patient's Name	:				P	hone no. ()					
Address:							MRN:					
City:		State			ZIP:	Hospital:						
		Pat	tient Identifier i	nforma	tion is not transmitted	to CDC						
DEMOGRAPHICS												
1. STATE:	2. COUNTY:	3. STATE ID:	*		4a. LABORATORY ID W		4b. FACILITY ID WHERE	PATIENT TREATED:				
					INCIDENT SPECIMEN IDI	ENTIFIED:						
		7 0		00 F-	INIO ODIONI	0h D.o-	(Chook all that and by					
5. DATE OF BIR		7. SEX AT BIR	CIH:	_	HNIC ORIGIN:	_	(Check all that apply)	_				
—— ⁻ ——		☐ MALE [FEMALE		ispanic or Latino	□ Ame Nati	erican Indian or Alaska					
6. AGE:		☐ Unknow			ot Hispanic or Latino	☐ Asia	an	☐ White				
☐ Days	☐ Mos. ☐ Yrs.	☐ Check if	transgender		nknown	☐ Blac						
9. DATE OF INCI	DENT SPECIMEN	10 ORGANISI	M: ☐ CRE ☐									
COLLECTION (TO SKOANO	L CRE L		•							
		If CRE, select o	_	herichia c		•	lebsiella oxytoca					
		- I and following:	∟ Ente	erobacter	cloacae	imoniae						
11. INCIDENT SP	ECIMEN COLLECTION	SITE:										
Blood			☐ Peritoneal	fluid			ine					
Bone Bronchoolye	olar lavage (<i>CRAB o</i>	nly complete O22	Pericardial				ound (specify): RAB only)					
CSF	- ,		☐ Joint/synov	vial fluid		□ <mark>Òt</mark>	ther LRT site (specify):					
☐ Internal bod	y site (specify):				ly, complete Q23c) CRAB only, complete Q2	(C	RAB only, complete Q230 her normally sterile site (s	c) specify):				
	OF SPECIMEN COLLEC	TION:		.spirato (<u> </u>					
_	_		П		13. WHERE WAS THE PATIENT LOCATED ON THE 3 RD CALENDAR DAY BEFORE THE DISC?							
OUTPATI		PATIENT:	LTCF									
Facility ID:	Facility ID:	y 	Facility ID:		☐ Private residence		LTACH					
☐ Emergenc					LTCF		Facility ID:					
☐ Clinic/Doct			LTACH		Facility ID:		☐ Homeless					
			Facility ID:		☐ Hospital inpatient		☐ Incarcerated					
☐ Dialysis ce	nter ☐ Ra	diology			Facility ID:		Other (specify):					
☐ Surgery	□ Otl	ner inpatient	☐ Autopsy		Was the patient trans	_						
☐ Observation			Other (spe	ecify):	this hospital?		☐ Unknown					
Clinical decisi	on unit				□ Yes □ No □ l	Unknown						
☐ Other outp	atient		Unknown									
14. WAS THE PA	ATIENT HOSPITALIZED	ON THE DAY OF O	R IN THE				THE 7 DAYS BEFORE THE	DISC?				
29 CALENDAR D	AYS AFTER THE DISC)?			☐ Yes ☐ No ☐ Unknown IF YES, DATE OF ICU ADMISSION: OR ☐ Date unknown							
│ │	lo 🗌 Unknown											
					OR IN THE 6 DAYS AFTER	R THE DISC?	ON THE DAY OF INCIDENT S	SPECIMEN COLLECTION				
IF YES, DATE OF	ADMISSION:				☐ Yes ☐ No ☐ U							
					IF YES, DATE OF ICU AD	MISSION: _	<u></u>	OR				
16. PATIENT O	JTCOME: Surv	ived			☐ Died			Unknown				
	ARGE:		OR		_							
☐ Date		eft against medica			DATE OF DEATH: _			OR Date unknown				
IF SURVIVED, DIS		5	()		ON THE DAY OF C	OR IN THE 6 C	AI ENDAR DAYS REFORE D	EATH, WAS THE PATHOGEN				
	dence LTCF Fac	cility ID:	TITACH Essilie	tv ID:	OF INTEREST ISOI		A SITE THAT MEETS THE C	*				
			LIACH FACIII	ιy ιυ			☐ Yes	☐ No ☐ Unknown				
Other (spec	ify):	Unknown										
							ng existing data sources, gathering nformation unless it displays a cur	g and maintaining the data needed, rently valid OMB control number.				



17a. TYPES OF INFECTION ASSOCIATED WITH CULTU	RE(S) (Check all tha	at apply):	□ None □	Colonized □ Unknown	
☐ Abscess, not skin ☐ Cellulitis			scess	□ Pyelonephritis	□ Surgical incision infection
	Chronic ulcar/wound foot depublis Ostorypidis Ostor				
□ Bursitis □ Empyema	□ Per	ritonitis		□ Septic shock	□ Urinary tract infection
□ Catheter site infection (CVC) □ Endocarditis	□ Pne	eumonia	(CRAB cases,	complete Q23c) □ Skin abscess	□ Other (specify):
17b. RECURRENT UTI ☐ Yes ☐ No ☐ Unknown					
17c. Was the patient treated for the mugsi o	RGANISM? □ Yes	□ No	□ Unknow	'n	
18. UNDERLYING CONDITIONS: (Check all that apply)	☐ None ☐	Unkno	own		
CHICOMO ZONO DIOZNOZ		ON	NEURO	LOGIC CONDITION	SKIN CONDITION
a Cystic librosis			□ Cere	ebral palsy	
			☐ Chro	onic cognitive deficit	
CHRONIC METABOLIC DISEASE Transplant	•	cell			
·	, solid organ				wound
☐ With chronic complications LIVER DISE	ASE		□ Neu	ropathy	☐ Other (specify):
	er disease				OTHER
- CVAGUORE/TIA	•				_
☐ Myocardial infarction ☐ Variceal				1 0	□ Tregnant
					Mugsi Conditions
O	,		RENAL	DISFASE	☐ Urinary tract problems/
☐ Diverticular disease MALIGNANCY	ſ				
			1	•	
□ Naligilatic)		
· · ·	· · · · · ·		all that apple	A DAILE DEFENSIVE	
	(SUBSTANCES. (•		• •	INCOV. (Observed that apply)
					=
□ Ves		•	,		=
☐ Tobacco ☐ No ☐ Op	ioid, NOS	. (5,	· · · · · · · · · · · · · · · · · · ·		
, ,					=
- Manjaana	•				=
					nt not hospitalized or did not have DUD)
		. ,			ISC (UP TO THE TIME OF
WAS INCIDENT SPECIMEN COLLECTED 3 OR MORE CAL	ENDAR			COLLECTION), OR AT ANY TIME IN TH	
DAYS AFTER HOSPITAL ADMISSION?	□ Yes	□ No		DAYS BEFORE DISC:	□ Yes □ No □ Unknown
-		- 11-		Check here if central lir	
PREVIOUS HOSPITALIZATION IN THE YEAR BEFORE DIS					
IF YES, DATE OF DISCHARGE CLOSEST TO DISC:					
OR, DATE UNKNOWN □					
Facility ID:				IF YES CHECK ALL THAT APPL	
Facility ID.				· · · · · · · · · · · · · · · · · · ·	
OVERNIGHT STAY IN LTCF IN THE YEAR BEFORE DISC	: □ Yes	□ No	□ Unknowr	١	
Facility ID:				☐ Condom Camerer	☐ Other (specify)
OVERNIGHT STAY IN LTACH IN THE YEAR BEFORE DIS	er. □ Yes	□ No	□ I Inknowr	ANY OTHER INDWELLING DEVICE IN	UPLACE ON THE DISC (UP
) (. 🗆 163		□ UIIKIIUWI	TO THE TIME OF COLLECTION), OR A	
Facility ID:				CALENDAR DAYS BEFORE DISC:	□ Yes □ No □ Unknown
SURGERY IN THE YEAR BEFORE DISC:	□ Yes	□ No	□ Unknowr	IF YES, CHECK ALL THAT APPI	
				□ FT/NT Tube □ Gastrosto	mv Tube □ NG Tube
CURRENT CHRONIC DIALYSIS:	□ Yes	□ No	□ Unknowr	1	•
IF YES, TYPE: □ Hemodialvsis □ Peritoneal	□ Unknown				
IF HEMODIALYSIS, TYPE OF VASCULAR ACCESS:				PATIENT TRAVELED INTERNATIONA	ALLY
□ AV fistula/graft □ Hemodialysis central line	□ Unknown				
				COLINTRY	
21a. WEIGHT: 21b. HEIGHT:	in OP	21c. E	Змі:	COUNTRY:,	
lbsoz. ORft				PATIENT HOSPITALIZED WHILE VISI	TIMO
kg	nknown	☐ Ur	nknown	COUNTRY(IES) ABOVE:	☐ Yes ☐ No ☐ Unknown



URINE CULTURES ONLY: 22a. WAS THE URINE COLLECTED THROUGH AN INDWELLING URETHRAL	URINE CULTURES ONLY: 22c. SIGNS AND SYMPTOMS AS Please indicate if any of the following s 2 calendar days before through the 2 c								
CATHETER?	□ None	Symptoms for patients ≤ 1 year of age only:							
□ Yes □ No □ Unknown	☐ Costovertebral angle pain or tender	ness	□ Apnea □ Lethargy						
URINE CULTURES ONLY: 22b. RECORD THE COLONY COUNT:	 Dysuria Fever [temperature ≥ 100.4 °F (38 ° 		□ Bradycardia □ Vomiting						
Complete questions 23a-23b ONLY for <i>A. BAUI</i>	URE POSITIVE		question 23c ONLY for <i>A. BAUMANNII</i> cases from cultures or for non-LRT cultures where pneumonia is question 17a.						
FOR CRAB IN THE 30 DAYS BEFORE THE DISC		23c. Chest Radiology Findir							
	•	□ Not done □ No report available □ Acute respiratory distress syndrome (ARDS) □ Cavitation							
23b. RISK FACTORS IN THE 7 DAYS BEFORE T	HE DISC:	☐ Acute respiratory distress syndrome (ARDS) ☐ Cavitation ☐ Air space density/opacity ☐ Consolidation							
 Non-invasive positive pressure ventilation (CPAF the 7 calendar days before the DISC 	or BIPAP) at any time in	☐ Ground glass opacities/infiltrate	Infiltrate						
☐ Nebulizer treatment at any time in the 7 calendal☐ Mechanical ventilation at any time in the 7 calendal☐	days belove the bloo	☐ Bronchopneumonia/pneumonia☐ Cannot rule out pneumonia☐	☐ Pleural effusion☐ Nodules☐						
24a. DID THE PATIENT HAVE A POSITIVE TEST(S) FOR SARS-CoV-2 (MOLECULAR	24b. IF YES, COMPLETE TABLE B	ELOW:							
ASSAY, SEROLOGY OR OTHER	Sı	pecimen collection date	Test type						
CONFIRMATORY TEST) ON OR BEFORE THE DISC? Self-Self-Self-Self-Self-Self-Self-Self-	FIRST positive test for SARS-CoV-2 on or before the	<i> </i>	□ Molecular assay □ (Antigen) □ Serology □ Unknown □ Other (specify):						
24c.COVID-NET CASE ID:		/	□ Molecular assay □ (Antigen) □ Serology □ Unknown □ Other (specify):						
24d. NNDSS IDs (please provide at least one of the Local case ID: Local case ID: Local record ID:		entifier:L							
CDC 2019-nCOV ID:									
25. WAS THE INCIDENT SPECIMEN POLYMICROBIAL?	26a. WAS THE INCID TESTED FOR CARBA								
□ Yes □ No □ Unknown	☐ Yes☐ No☐ Laboratory not testing☐ Unknown								
26b. JF YES, WHAT TESTING METHOD WAS U	SED? (Check all that apply):	26c. F TESTED, V	WHAT WAS THE TESTING RESULT?						
Non-Molecular Tests	Molecular Tests	Non-Molecular Tes	Non-Molecular Test Results:						
□ CarbaNP □ Carbapenemase Inactivation Method (CIM)	☐ Automated Molecular Assay☐ Carba-R		☐ Positive ☐ Indeterminate ☐ Negative ☐ Unknown						
□ Disk Diffusion/ROSCO Disk □ E-test	□ Check Points□ MALDI-TOF MS	Molecular Test Re	sults:						
□ Modified Carbapenemase Inactivation Method (mCIM) □ Modified Hodge Test (MHT) □ RAPIDEC □ Other (specify): □ Unknown	□ Next Generation Nucleic Acid Sequen □ PCR □ Streck ARM-D □ Other (specify): □ Unknown	□ KPC □ Pos □ □ OXA □ Pos □ □ OXA-48 □ Pos □ □ VIM □ Pos □ □ IMP □ Pos □	Neg Ind Unk Unk						

Version Date: 08/2020
PAGE 3 OF 4



27. SUSCEPTIBILITY RESULTS:

Please complete the table below based on the information found in the indicated data source. Shaded antibiotics are required to have the MIC entered into the MuGSI-CM system, if available.

Data Source	-	al Record	+	roscan		itek	.	oenix		sititre	Kirby-Bauer		E-test	
Antibiotic	MIC	Interp	MIC	Interp	MIC	Interp	MIC	Interp	MIC	Interp	Zone Diam	Interp	MIC	Interp
Amikacin	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u> '	Щ'	<u> </u>	<u> </u>		<u> </u>	<u> </u>	<u> </u>	<u> </u>
Amoxicillin/Clavulanate	'	<u> </u>	<u> </u>	<u> </u>	\perp	'	<u> </u>	<u> </u>	<u> </u>		<u> </u>		<u> </u>	<u> </u>
Ampicillin		<u> </u>	<u> </u>		\perp	'	<u> </u>		<u> </u>		<u> </u>		<u> </u>	<u> </u>
Ampicillin/Sulbactam			<u> </u>		<u></u>	'	<u> </u>						<u> </u>	<u> </u>
Aztreonam						'	<u>['</u>							
Cefazolin	<u> </u>						<u> </u>			<u> </u>				
CEFEPIME														
Cefiderocol														
CEFOTAXIME														
Cefoxitin														
CEFTAZIDIME														
Ceftazidime/Avibactam														
Ceftolozane/Tazobactam														
CEFTRIAXONE														
Cephalothin														
Ciprofloxacin	T													
COLISTIN														
DORIPENEM														
Doxycycline														
Eravacycline														
ERTAPENEM														
Fosfomycin														
Gentamicin														
IMIPENEM														
Imipenem-relebactam														
Levofloxacin	T													
MEROPENEM														
Meropenem-vaborbactam														
Minocycline														
Nitrofurantoin														
Omadacycline														
Piperacillin/Tazobactam														
Plazomicin														
POLYMYXIN B														
Rifampin														
Tetracycline											<u> </u>			
TIGECYCLINE														
Tobramycin														
Trimethoprim-sulfamethoxazol		1	1							 				

rimethoprim-sulfamethoxazole															
28a, WAS CASE FIRST IDENTIFIED THROUGH AUDIT?		28b	CRF S	STATUS:			2	<mark>Bc.</mark> SO IN	NITIALS:	(28d. DATE OF ABSTRACTION:				
☐ Yes ☐ No	☐ Complete☐ Pending☐ Chart unavailable after 3 requests														
28e. COMMENTS:															

CS295460-A PAGE 4 OF 4