



**2022 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: _____		Phone no.: _____	
Address: _____			MRN: _____
Address Type: _____			Hospital: _____

----Patient Identifier information is not transmitted to CDC----

**DEMOGRAPHICS**

1. STATE: _____	2. COUNTY: _____	3. STATE ID: _____	4a. LABORATORY ID WHERE INCIDENT SPECIMEN IDENTIFIED: _____	4b. FACILITY ID WHERE PATIENT TREATED: _____
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5. DATE OF BIRTH: (mm/dd/yyyy) _____ 6. AGE: _____ <input type="radio"/> Days <input type="radio"/> Mos <input type="radio"/> Yrs	7. SEX AT BIRTH: <input type="radio"/> Male <input type="radio"/> Female <input type="radio"/> Unknown <input type="checkbox"/> Check if transgender	8a. ETHNIC ORIGIN: <input type="radio"/> Hispanic or Latino <input type="radio"/> Not Hispanic or Latino <input type="radio"/> Unknown	8b. RACE: (Check all that apply) <input type="checkbox"/> American Indian or Alaska Native <input type="checkbox"/> Asian <input type="checkbox"/> Black or African American <input type="checkbox"/> Native Hawaiian or Other Pacific Islander <input type="checkbox"/> White <input type="checkbox"/> Unknown
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9. DATE OF INCIDENT SPECIMEN COLLECTION (DISC): (mmd/dd/yyyy) _____	10. ORGANISM: <input type="radio"/> CRE <input type="radio"/> CRAB  If CRE, select one of the following: <input type="radio"/> <i>Escherichia coli</i> <input type="radio"/> <i>Klebsiella aerogenes</i> <input type="radio"/> <i>Klebsiella oxytoca</i> <input type="radio"/> <i>Enterobacter cloacae</i> <input type="radio"/> <i>Klebsiella pneumoniae</i>
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11. INCIDENT SPECIMEN COLLECTION SITE:

<input type="checkbox"/> Blood <input type="checkbox"/> Bone <input type="checkbox"/> Bronchoalveolar lavage (CRAB only, complete Q23c) <input type="checkbox"/> CSF <input type="checkbox"/> Internal body site (specify): _____ <input type="checkbox"/> Muscle	<input type="checkbox"/> Peritoneal fluid <input type="checkbox"/> Pericardial fluid <input type="checkbox"/> Pleural fluid <input type="checkbox"/> Joint/synovial fluid <input type="checkbox"/> Sputum (CRAB only, complete Q23c) <input type="checkbox"/> Tracheal aspirate (CRAB only, complete Q23c)	<input type="checkbox"/> Urine <input type="checkbox"/> Wound (specify): _____ (CRAB only) <input type="checkbox"/> Other LRT site (specify): _____ (CRAB only, complete Q23c) <input type="checkbox"/> Other normally sterile site (specify): _____
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12. LOCATION OF SPECIMEN COLLECTION: <input type="radio"/> <b>OUTPATIENT</b> Facility ID: _____ <input type="radio"/> <b>INPATIENT</b> Facility ID: _____ <input type="radio"/> <b>LTCF</b> Facility ID: _____ <input type="radio"/> <b>LTACH</b> Facility ID: _____ <input type="radio"/> <b>Autopsy</b> <input type="radio"/> <b>Other (Specify):</b> _____ <input type="radio"/> <b>Unknown</b>	13. WHERE WAS THE PATIENT LOCATED ON THE 3RD CALENDAR DAY BEFORE THE DISC? <input type="radio"/> Private residence <input type="radio"/> LTACH Facility ID: _____ <input type="radio"/> Hospital inpatient Facility ID: _____ <input type="radio"/> Homeless <input type="radio"/> Incarcerated <input type="radio"/> Other (specify): _____ <input type="radio"/> Unknown Was the patient transferred from this hospital? <input type="radio"/> Yes <input type="radio"/> No <input type="radio"/> Unknown
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14. WAS THE PATIENT HOSPITALIZED ON THE DAY OF OR IN THE 29 CALENDAR DAYS AFTER THE DISC? <input type="radio"/> Yes <input type="radio"/> No <input type="radio"/> Unknown IF YES, DATE OF ADMISSION: (mm/dd/yyyy) _____	15a. WAS THE PATIENT IN AN ICU IN THE 7 DAYS BEFORE THE DISC? <input type="radio"/> Yes <input type="radio"/> No <input type="radio"/> Unknown IF YES, DATE OF ICU ADMISSION: (mm/dd/yyyy) _____ OR <input type="checkbox"/> Date unknown 15b. WAS THE PATIENT IN AN ICU ON THE DAY OF INCIDENT SPECIMEN COLLECTION OR IN THE 6 DAYS AFTER THE DISC? <input type="radio"/> Yes <input type="radio"/> No <input type="radio"/> Unknown IF YES, DATE OF ICU ADMISSION: (mm/dd/yyyy) _____ OR <input type="checkbox"/> Date unknown
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16. PATIENT OUTCOME:  Survived  Died  Unknown

DATE OF DISCHARGE: (mm/dd/yyyy) \_\_\_\_\_ OR \_\_\_\_\_  
 Date unknown  Left against medical advice (AMA)

DATE OF DEATH: (mm/dd/yyyy) \_\_\_\_\_ OR  Date unknown

IF SURVIVED, DISCHARGED TO:  
 Private residence  Other (specify): \_\_\_\_\_  
 LTACH, Facility ID: \_\_\_\_\_  
 LTACH, Facility ID: \_\_\_\_\_  Unknown

ON THE DAY OF OR IN THE 6 CALENDAR DAYS BEFORE DEATH, WAS THE PATHOGEN OF INTEREST ISOLATED FROM A SITE THAT MEETS THE CASE DEFINITION?  
 Yes  No  Unknown

Public reporting burden of this collection of information is estimated to average 28 minutes per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data 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 this burden to CDC/ATSDR Information Collection Review Office, 1600 Clifton Road NE, MS D-74, Atlanta, Georgia 30329; ATTN: PRA (0920-0978).

**17a. TYPES OF INFECTION ASSOCIATED WITH CULTURE(S):** (Check all that apply):  None  Colonized  Unknown

<input type="checkbox"/> Abscess, not skin	<input type="checkbox"/> Decubitus/pressure ulcer	<input type="checkbox"/> Pneumonia (CRAB cases, complete Q23c)	<input type="checkbox"/> Surgical site infection (internal)
<input type="checkbox"/> AV fistula/graft infection	<input type="checkbox"/> Empyema	<input type="checkbox"/> Pyelonephritis	<input type="checkbox"/> Traumatic wound
<input type="checkbox"/> Bacteremia	<input type="checkbox"/> Endocarditis	<input type="checkbox"/> Septic arthritis	<input type="checkbox"/> Urinary tract infection
<input type="checkbox"/> Bursitis	<input type="checkbox"/> Epidural abscess	<input type="checkbox"/> Septic emboli	<input type="checkbox"/> Other (specify): _____
<input type="checkbox"/> Catheter site infection (CVC)	<input type="checkbox"/> Meningitis	<input type="checkbox"/> Septic shock	
<input type="checkbox"/> Cellulitis	<input type="checkbox"/> Osteomyelitis	<input type="checkbox"/> Skin abscess	
<input type="checkbox"/> Chronic ulcer/wound (not decubitus)	<input type="checkbox"/> Peritonitis	<input type="checkbox"/> Surgical incision infection	

**17b. RECURRENT UTI**  Yes  No  Unknown **17c. WAS THE PATIENT TREATED FOR THE MUGSI ORGANISM?**  Yes  No  Unknown

**18. UNDERLYING CONDITIONS:** (Check all that apply)  None  Unknown

<b>CHRONIC LUNG DISEASE</b> <input type="checkbox"/> Cystic fibrosis <input type="checkbox"/> Chronic pulmonary disease	<b>IMMUNOCOMPROMISED CONDITION</b> <input type="checkbox"/> HIV infection <input type="checkbox"/> AIDS/CD4 count < 200 <input type="checkbox"/> Primary immunodeficiency <input type="checkbox"/> Transplant, hematopoietic stem cell <input type="checkbox"/> Transplant, solid organ	<b>NEUROLOGIC CONDITION</b> <input type="checkbox"/> Cerebral palsy <input type="checkbox"/> Chronic cognitive deficit <input type="checkbox"/> Dementia <input type="checkbox"/> Epilepsy/seizure/seizure disorder <input type="checkbox"/> Multiple sclerosis <input type="checkbox"/> Neuropathy <input type="checkbox"/> Parkinson's disease <input type="checkbox"/> Other (specify): _____	<b>SKIN CONDITION</b> <input type="checkbox"/> Burn <input type="checkbox"/> Decubitus/pressure ulcer <input type="checkbox"/> Surgical wound <input type="checkbox"/> Other chronic ulcer or chronic wound <input type="checkbox"/> Other (specify): _____
<b>CHRONIC METABOLIC DISEASE</b> <input type="checkbox"/> Diabetes mellitus <input type="checkbox"/> With chronic complications	<b>LIVER DISEASE</b> <input type="checkbox"/> Chronic liver disease <input type="checkbox"/> Ascites <input type="checkbox"/> Cirrhosis <input type="checkbox"/> Hepatic encephalopathy <input type="checkbox"/> Variceal bleeding <input type="checkbox"/> Hepatitis C <input type="checkbox"/> Treated, in SVR <input type="checkbox"/> Current, chronic	<b>PLEGIAS/PARALYSIS</b> <input type="checkbox"/> Hemiplegia <input type="checkbox"/> Paraplegia <input type="checkbox"/> Quadriplegia	<b>OTHER</b> <input type="checkbox"/> Connective tissue disease <input type="checkbox"/> Obesity or morbid obesity <input type="checkbox"/> Pregnant
<b>CARDIOVASCULAR DISEASE</b> <input type="checkbox"/> CVA/Stroke/TIA <input type="checkbox"/> Congenital heart disease <input type="checkbox"/> Congestive heart failure <input type="checkbox"/> Myocardial infarction <input type="checkbox"/> Peripheral vascular disease (PVD)	<b>MALIGNANCY</b> <input type="checkbox"/> Malignancy, hematologic <input type="checkbox"/> Malignancy, solid organ (non-metastatic) <input type="checkbox"/> Malignancy, solid organ (metastatic)	<b>RENAL DISEASE</b> <input type="checkbox"/> Chronic kidney disease Lowest serum creatinine: _____ mg/DL <input type="checkbox"/> Unknown or not done	<b>MUGSI CONDITIONS</b> <input type="checkbox"/> Urinary tract problems/abnormalities <input type="checkbox"/> Premature birth <input type="checkbox"/> Spina bifida
<b>GASTROINTESTINAL DISEASE</b> <input type="checkbox"/> Diverticular disease <input type="checkbox"/> Inflammatory bowel disease <input type="checkbox"/> Peptic ulcer disease <input type="checkbox"/> Short gut syndrome			

**19. SUBSTANCE USE**

**SMOKING:** (Check all that apply)  None  Unknown  Tobacco  E-nicotine delivery system  Marijuana

**ALCOHOL ABUSE**  
 Yes  No  Unknown

**OTHER SUBSTANCES:** (Check all that apply)  None  Unknown

	DUD/ ABUSE	MODE OF DELIVERY (Check all that apply)			
<input type="checkbox"/> Marijuana, cannabinoid (other than smoking)	<input type="checkbox"/> DUD or abuse	<input type="checkbox"/> IDU	<input type="checkbox"/> Skin popping	<input type="checkbox"/> Non-IDU	<input type="checkbox"/> Unknown
<input type="checkbox"/> Opioid, DEA schedule I (e.g., heroin)	<input type="checkbox"/> DUD or abuse	<input type="checkbox"/> IDU	<input type="checkbox"/> Skin popping	<input type="checkbox"/> Non-IDU	<input type="checkbox"/> Unknown
<input type="checkbox"/> Opioid, DEA schedule II-IV (e.g., methadone, oxycodone)	<input type="checkbox"/> DUD or abuse	<input type="checkbox"/> IDU	<input type="checkbox"/> Skin popping	<input type="checkbox"/> Non-IDU	<input type="checkbox"/> Unknown
<input type="checkbox"/> Opioid, NOS	<input type="checkbox"/> DUD or abuse	<input type="checkbox"/> IDU	<input type="checkbox"/> Skin popping	<input type="checkbox"/> Non-IDU	<input type="checkbox"/> Unknown
<input type="checkbox"/> Cocaine	<input type="checkbox"/> DUD or abuse	<input type="checkbox"/> IDU	<input type="checkbox"/> Skin popping	<input type="checkbox"/> Non-IDU	<input type="checkbox"/> Unknown
<input type="checkbox"/> Methamphetamine	<input type="checkbox"/> DUD or abuse	<input type="checkbox"/> IDU	<input type="checkbox"/> Skin popping	<input type="checkbox"/> Non-IDU	<input type="checkbox"/> Unknown
<input type="checkbox"/> Other (specify): _____	<input type="checkbox"/> DUD or abuse	<input type="checkbox"/> IDU	<input type="checkbox"/> Skin popping	<input type="checkbox"/> Non-IDU	<input type="checkbox"/> Unknown
<input type="checkbox"/> Unknown substance	<input type="checkbox"/> DUD or abuse	<input type="checkbox"/> IDU	<input type="checkbox"/> Skin popping	<input type="checkbox"/> Non-IDU	<input type="checkbox"/> Unknown

**DURING THE CURRENT HOSPITALIZATION, DID THE PATIENT RECEIVE MEDICATION ASSISTED TREATMENT (MAT) FOR OPIOID USE DISORDER?**  
 Yes  No  N/A (patient not hospitalized or did not have DUD)

**20. RISK FACTORS:** (Check all that apply)  None  Unknown

**WAS INCIDENT SPECIMEN COLLECTED 3 OR MORE CALENDAR DAYS AFTER HOSPITAL ADMISSION?**  Yes  No

**PREVIOUS HOSPITALIZATION IN THE YEAR BEFORE DISC**  Yes  No  Unknown

**IF YES, DATE OF DISCHARGE CLOSEST TO DISC:** (mm/dd/yyyy) \_\_\_\_\_ OR,  DATE UNKNOWN

Facility ID: \_\_\_\_\_

**OVERNIGHT STAY IN LTCF IN THE YEAR BEFORE DISC:**  Yes  No  Unknown

Facility ID: \_\_\_\_\_

**OVERNIGHT STAY IN LTACH IN THE YEAR BEFORE DISC:**  Yes  No  Unknown

Facility ID: \_\_\_\_\_

**SURGERY IN THE YEAR BEFORE DISC:**  Yes  No  Unknown

**CURRENT CHRONIC DIALYSIS:**  Yes  No  Unknown

IF YES, TYPE  
 Hemodialysis  Peritoneal  Unknown

IF HEMODIALYSIS, TYPE OF VASCULAR ACCESS:  
 AV fistula/graft  Hemodialysis central line  Unknown

**CENTRAL LINE IN PLACE ON THE DISC (UP TO THE TIME OF COLLECTION), OR AT ANY TIME IN THE 2 CALENDAR DAYS BEFORE DISC:**  Yes  No  Unknown

Check here if central line in place for > 2 calendar days

**URINARY CATHETER IN PLACE ON THE DISC (UP TO THE TIME OF COLLECTION), OR AT ANY TIME IN THE 2 CALENDAR DAYS BEFORE DISC**  
 Yes  No  Unknown

IF YES, CHECK ALL THAT APPLY:  
 Indwelling Urethral Catheter  Condom Catheter  
 Suprapubic Catheter  Other (specify): \_\_\_\_\_

**ANY OTHER INDWELLING DEVICE IN PLACE ON THE DISC UP TO THE TIME OF COLLECTION), OR AT ANY TIME IN THE 2 CALENDAR DAYS BEFORE DISC:**  
 Yes  No  Unknown

IF YES, CHECK ALL THAT APPLY:  
 ET/NT Tube  Tracheostomy  
 Gastrostomy Tube  Nephrostomy Tube  
 NG Tube  Other (specify): \_\_\_\_\_

**PATIENT TRAVELED INTERNATIONALLY IN THE YEAR BEFORE DISC:**  
 Yes  No  Unknown

COUNTRY(IES): \_\_\_\_\_

**PATIENT HOSPITALIZED WHILE VISITING COUNTRY(IES) ABOVE:**  
 Yes  No  Unknown

**21a. WEIGHT:** \_\_\_\_\_ lbs. \_\_\_\_\_ oz. OR \_\_\_\_\_ kg  Unknown

**21b. HEIGHT:** \_\_\_\_\_ ft. \_\_\_\_\_ in. OR \_\_\_\_\_ cm  Unknown

**21c. BMI:** \_\_\_\_\_  Unknown

**URINE CULTURES ONLY:**

**22a. WAS THE URINE COLLECTED THROUGH AN INDWELLING URETHRAL CATHETER?**

- Yes  No  Unknown

**URINE CULTURES ONLY:**

**22b. RECORD THE COLONY COUNT:**

\_\_\_\_\_

**URINE CULTURES ONLY:**

**22c. SIGNS AND SYMPTOMS ASSOCIATED WITH URINE CULTURE**

Please indicate if any of the following symptoms were reported during the 5 day time period including the 2 calendar days before through the 2 calendar days after the DISC.

- None
- Unknown
- Costovertebral angle pain or tenderness
- Dysuria
- Fever [temperature ≥ 100.4 °F (38 °C)]
- Frequency
- Suprapubic tenderness
- Urgency

**Symptoms for patients ≤ 1 year of age only:**

- Apnea
- Bradycardia
- Lethargy
- Vomiting

Complete questions 23a-23b ONLY for A. BAUMANNII cases:

**23a. DID THE PATIENT HAVE A SPUTUM CULTURE POSITIVE FOR CRAB IN THE 30 DAYS BEFORE THE DISC?**

- Yes  No  Unknown  N/A

**23b. RISK FACTORS IN THE 7 DAYS BEFORE THE DISC:**

- Non-invasive positive pressure ventilation (CPAP or BiPAP) at any time in the 7 calendar days before the DISC
- Nebulizer treatment at any time in the 7 calendar days before the DISC
- Mechanical ventilation at any time in the 7 calendar days before the DISC

Complete question 23c ONLY for A. BAUMANNII cases from LRT site cultures or for non-LRT cultures where pneumonia is marked in question 17a.

**23c. CHEST RADIOLOGY FINDINGS:** (Check all that apply)

- Not done
- No report available
- Acute respiratory distress syndrome (ARDS)
- Air space density/opacity
- Ground glass opacities/infiltrates
- Bronchopneumonia/pneumonia
- Cannot rule out pneumonia
- Cavitation
- Consolidation
- Infiltrate
- Pleural effusion
- Nodules
- No evidence of pneumonia

**24a. DID THE PATIENT HAVE A POSITIVE TEST(S) FOR SARS-CoV-2 (MOLECULAR ASSAY, SEROLOGY OR OTHER CONFIRMATORY TEST) IN THE YEAR BEFORE OR DAY OF THE DISC?**

- Yes  No  Unknown

**24b. IF YES, COMPLETE THE TABLE BELOW FOR THE MOST RECENT POSITIVE SARS-COV-2 TEST IN THE YEAR BEFORE OR DAY OF THE DISC:**

SPECIMEN COLLECTION DATE	TEST TYPE
_____	<input type="checkbox"/> Molecular assay <input type="checkbox"/> Antigen <input type="checkbox"/> Serology <input type="checkbox"/> Unknown <input type="checkbox"/> Other (specify): _____
<input type="checkbox"/> Unknown	

24c. COVID-NET CASE ID: \_\_\_\_\_

**24d. NNDSS IDs:** (please provide at least one of the following when applicable)

Local case ID: \_\_\_\_\_ Local record ID: \_\_\_\_\_ State case identifier: \_\_\_\_\_  
 Legacy case identifier: \_\_\_\_\_ CDC 2019-nCoV ID: \_\_\_\_\_

**25. WAS THE INCIDENT SPECIMEN POLYMICROBIAL?**

- Yes  No  Unknown

**26b. IF YES, WHAT TESTING METHOD WAS USED?** (Check all that apply)

**Non-Molecular Test Methods:**

- CarbaNP
- Carbapenemase Inactivation Method (CIM)
- Disk Diffusion/ROSCO Disk
- E-test
- Modified Carbapenemase Inactivation Method (mCIM)
- Modified Hodge Test (MHT)
- RAPIDEC
- Other (specify): \_\_\_\_\_

**Molecular Test Methods:**

- Automated Molecular Assay
- Carba-R
- Check Points
- MALDI-TOF MS
- Next Generation Nucleic Acid Sequencing
- PCR
- Streck ARM-D
- Other (specify): \_\_\_\_\_

- Unknown
- Unknown

**26a. WAS THE INCIDENT SPECIMEN TESTED FOR CARBAPENEMASE GENES?**

- Yes  No  Laboratory not testing  Unknown

**26c. IF TESTED, WHAT WAS THE TESTING RESULT?**

- Non-Molecular Test Results:**  
 Positive  Indeterminate  Negative  Unknown

**MOLECULAR TEST RESULTS:**

- NDM  Pos  Neg  Ind  Unk
- KPC  Pos  Neg  Ind  Unk
- OXA (specify): \_\_\_\_\_  Pos  Neg  Ind  Unk
- VIM  Pos  Neg  Ind  Unk
- IMP  Pos  Neg  Ind  Unk
- Other carbapenemase gene (specify): \_\_\_\_\_  Pos  Neg  Ind  Unk

**27a. WAS THE INCIDENT SPECIMEN TESTED FOR ESBL PRODUCTION OR OTHER BETA-LACTAMASE GENES?**

- Yes  
 No  
 Laboratory not testing  
 Unknown

**27b. IF TESTED, WHAT TESTING METHOD WAS USED? (Check all that apply):**

- Broth Microdilution (ATI detection)
  - ESBL well
  - Expert rule (ATI flag)
  - Unknown
- Broth Microdilution (Manual)
- Disk Diffusion
- E-test
- Molecular test (specify): \_\_\_\_\_
  - Gene variant (specify): \_\_\_\_\_
- Other non-molecular test (specify): \_\_\_\_\_

**27c. IF TESTED, WHAT WAS THE RESULT?**

- \_\_\_\_\_  Pos  Neg  Ind  Unk
- \_\_\_\_\_  Pos  Neg  Ind  Unk
- \_\_\_\_\_  Pos  Neg  Ind  Unk
- \_\_\_\_\_  Pos  Neg  Ind  Unk
- \_\_\_\_\_  Pos  Neg  Ind  Unk
- \_\_\_\_\_  Pos  Neg  Ind  Unk
- \_\_\_\_\_  Pos  Neg  Ind  Unk
- \_\_\_\_\_  Pos  Neg  Ind  Unk

**28. SUSCEPTIBILITY RESULTS:**

Please complete the table below based on the information found in the indicated data source.

Antibiotic	Medical Record	Medical Record	Microscan	Microscan	Vitek	Vitek	Phoenix	Phoenix	Sensititre	Sensititre	Kirby-Bauer	Kirby-Bauer	E-test	E-test
	MIC	Interp	MIC	Interp	MIC	Interp	MIC	Interp	MIC	Interp	Zone Diam	Interp	MIC	Interp
Amikacin														
Amoxicillin/Clavulanate														
Ampicillin														
Ampicillin/Sulbactam														
Aztreonam														
Cefazolin														
Cefepime														
Cefiderocol														
Cefotaxime														
Cefoxitin														
Ceftazidime														
Ceftazidime/Avibactam														
Ceftolozane/Tazobactam														
Ceftriaxone														
Cephalothin														
Ciprofloxacin														
Colistin														
Doripenem														
Doxycycline														
Eravacycline														
Ertapenem														
Fosfomycin														
Gentamicin														
Imipenem														
Imipenem-relebactam														
Levofloxacin														
Meropenem														
Meropenem-vaborbactam														
Minocycline														
Moxifloxacin														
Nitrofurantoin														
Omadacycline														
Piperacillin/Tazobactam														
Plazomicin														
Polymyxin B														
Rifampin														
Tetracycline														
Tigicycline														
Tobramycin														
Trimethoprim-sulfamethoxazole														

**29a. WAS THE CASE FIRST IDENTIFIED THROUGH AN AUDIT?**

- Yes
- No

**29b. CRF STATUS:**

- Complete
- Pending
- Chart unavailable after 3 requests
- Complete - pending data

**29c. SO INITIALS:**

\_\_\_\_\_

**29d. DATE OF ABSTRACTION: (mm/dd/yyyy)**

\_\_\_\_\_

**29e. COMMENTS:**