



Invasive Methicillin-Sensitive Staphylococcus aureus
Healthcare-Associated Infections Community Interface (HAIC) Case Report - 2020

Form Approved
OMB No. 0920-0978
Expires xx/xx/xxxx

Patient's Name: Phone No.: ()
Address: MRN:
City: State: ZIP: Hospital:

PATIENT IDENTIFIER INFORMATION IS NOT TRANSMITTED TO CDC

1. STATE: 2. COUNTY: 3. STATE ID: 4. PATIENT ID: 5. LABORATORY ID WHERE INCIDENT SPECIMEN IDENTIFIED: 6. FACILITY ID WHERE PATIENT TREATED:

7. SEX AT BIRTH: 8. DATE OF BIRTH: 9. AGE: 10. RACE: (Check all that apply) 11. ETHNIC ORIGIN:

12. WEIGHT: 13. HEIGHT: 14. BMI (record only if ht. and/or wt. is not available) 15. DATE OF INCIDENT SPECIMEN COLLECTION (DISC):

16. WAS THE PATIENT HOSPITALIZED AT THE TIME OF OR IN THE 29 CALENDAR DAYS AFTER THE DISC? 17. WAS INCIDENT SPECIMEN COLLECTED 3 OR MORE CALENDAR DAYS AFTER HOSPITAL ADMISSION?

18. INCIDENT SPECIMEN COLLECTION SITE: (Check all that apply)
1 Blood 1 Bone 1 CSF 1 Internal body site (specify): 1 Joint/Synovial fluid 1 Muscle
1 Pericardial fluid 1 Peritoneal fluid 1 Pleural fluid 1 Other normally sterile site (specify):

19. LOCATION OF SPECIMEN COLLECTION: 20. WERE CULTURES OS THE SAME OR OTHER STERILE SITES(S) POSITIVE WITHIN 29 DAYS AFTER DISC?
IF YES, INDICATE SITE AND DATE OF LAST POSITIVE CULTURE:

21. DATE OF FIRST SA BLOOD CULTURE AFTER WHICH SA NOT ISOLATED FOR 14 DAYS:

22. SUSCEPTIBILITY RESULTS [S=Sensitive (1), I=Intermediate (2), R=Resistant (3), U=Unknown/Not Reported (9)]
Cefazolin 1 S 2 I 3 R 9 U Cefoxitin 1 S 3 R 9 U Clindamycin 1 S 2 I 3 R 9 U
Nafcillin 1 S 2 I 3 R 9 U Oxacillin 1 S 3 R 9 U Trimethoprim-Sulfamethoxazole 1 S 2 I 3 R 9 U
Vancomycin 1 S 2 I 3 R 9 U

23. WHERE WAS THE PATIENT LOCATED ON THE 3RD CALENDAR DAY BEFORE THE DISC? 24. IF CASE IS <12 MONTHS OF AGE, TYPE OF BIRTH HOSPITALIZATION:
25. IF PATIENT <2 YEARS OF AGE WERE THEY BORN PREMATURE (<37 WEEKS GESTATION)?

Public reporting burden of this collection of information is estimated to average 20 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.

26. WAS THE PATIENT IN AN ICU IN THE 2 DAYS BEFORE THE DISC? 1 <input type="checkbox"/> Yes 2 <input type="checkbox"/> No 9 <input type="checkbox"/> Unknown IF YES, date of ICU admission: ____ - ____ - ____ OR 1 <input type="checkbox"/> Date Unknown	27. WAS THE PATIENT IN AN ICU ON THE DISC OR IN THE 2 DAYS AFTER THE DISC? 1 <input type="checkbox"/> Yes 2 <input type="checkbox"/> No 9 <input type="checkbox"/> Unknown IF YES, date of ICU admission: ____ - ____ - ____ OR 1 <input type="checkbox"/> Date Unknown
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28. TYPES OF MSSA INFECTION ASSOCIATED WITH CULTURE(S): (Check all that apply) 1 None 1 Unknown

1 <input type="checkbox"/> Abscess (not skin)	1 <input type="checkbox"/> Cellulitis	1 <input type="checkbox"/> Epidural Abscess	1 <input type="checkbox"/> Septic Arthritis	1 <input type="checkbox"/> Surgical Site (Internal)
1 <input type="checkbox"/> AV Fistula/Graft Infection	1 <input type="checkbox"/> Chronic Ulcer/Wound (non-decubitus)	1 <input type="checkbox"/> Meningitis	1 <input type="checkbox"/> Septic Emboli	1 <input type="checkbox"/> Traumatic Wound
1 <input type="checkbox"/> Bacteremia	1 <input type="checkbox"/> Decubitus/Pressure Ulcer	1 <input type="checkbox"/> Peritonitis	1 <input type="checkbox"/> Septic Shock	1 <input type="checkbox"/> Urinary Tract
1 <input type="checkbox"/> Bursitis	1 <input type="checkbox"/> Empyema	1 <input type="checkbox"/> Pneumonia	1 <input type="checkbox"/> Skin Abscess	1 <input type="checkbox"/> Other: (specify)
1 <input type="checkbox"/> Catheter Site Infection	1 <input type="checkbox"/> Endocarditis	1 <input type="checkbox"/> Osteomyelitis	1 <input type="checkbox"/> Surgical Incision	_____

29. UNDERLYING CONDITIONS: (Check all that apply) 1 None 1 Unknown

CHRONIC LUNG DISEASE 1 <input type="checkbox"/> Cystic fibrosis 1 <input type="checkbox"/> Chronic pulmonary disease CHRONIC METABOLIC DISEASE 1 <input type="checkbox"/> Diabetes mellitus 1 <input type="checkbox"/> With chronic complications CARDIOVASCULAR DISEASE 1 <input type="checkbox"/> CVA/Stroke/TIA 1 <input type="checkbox"/> Congenital heart disease 1 <input type="checkbox"/> Congestive heart failure 1 <input type="checkbox"/> Myocardial infarction 1 <input type="checkbox"/> Peripheral vascular disease (PVD) GASTROINTESTINAL DISEASE 1 <input type="checkbox"/> Diverticular disease 1 <input type="checkbox"/> Inflammatory bowel disease 1 <input type="checkbox"/> Peptic ulcer disease 1 <input type="checkbox"/> Short gut syndrome	IMMUNOCOMPROMISED CONDITION 1 <input type="checkbox"/> HIV infection 1 <input type="checkbox"/> AIDS/CD4 count <200 1 <input type="checkbox"/> Primary immunodeficiency 1 <input type="checkbox"/> Transplant, hematopoietic stem cell 1 <input type="checkbox"/> Transplant, solid organ LIVER DISEASE 1 <input type="checkbox"/> Chronic liver disease 1 <input type="checkbox"/> Ascites 1 <input type="checkbox"/> Chronic hepatitis C 1 <input type="checkbox"/> Cirrhosis 1 <input type="checkbox"/> Hepatic encephalopathy 1 <input type="checkbox"/> Variceal bleeding	MALIGNANCY 1 <input type="checkbox"/> Malignancy, hematologic 1 <input type="checkbox"/> Malignancy, solid organ (non-metastatic) 1 <input type="checkbox"/> Malignancy, solid organ (metastatic) NEUROLOGIC CONDITION 1 <input type="checkbox"/> Cerebral palsy 1 <input type="checkbox"/> Chronic cognitive deficit 1 <input type="checkbox"/> Dementia 1 <input type="checkbox"/> Epilepsy/seizure/seizure disorder 1 <input type="checkbox"/> Multiple sclerosis 1 <input type="checkbox"/> Neuropathy 1 <input type="checkbox"/> Parkinson's Disease 1 <input type="checkbox"/> Other (specify): _____ _____ PLEGIAS/PARALYSIS 1 <input type="checkbox"/> Hemiplegia 1 <input type="checkbox"/> Paraplegia 1 <input type="checkbox"/> Quadriplegia	RENAL DISEASE 1 <input type="checkbox"/> Chronic kidney disease Lowest serum creatinine: _____mg/DL 1 <input type="checkbox"/> Unknown or not done SKIN CONDITION 1 <input type="checkbox"/> Burn 1 <input type="checkbox"/> Decubitus/pressure ulcer 1 <input type="checkbox"/> Surgical wound 1 <input type="checkbox"/> Other chronic ulcer or chronic wound 1 <input type="checkbox"/> Other skin condition (specify): _____ _____ OTHER 1 <input type="checkbox"/> Connective tissue disease 1 <input type="checkbox"/> Obesity or morbid obesity 1 <input type="checkbox"/> Pregnant 1 <input type="checkbox"/> Other (specify only for cases ≤12 months of age): _____ _____
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30. WAS THE PATIENT HOMELESS IN THE YEAR BEFORE DISC? 1 Yes 2 No 9 Unknown

31. SUBSTANCE USE:

SMOKING: 1 <input type="checkbox"/> None 1 <input type="checkbox"/> Unknown 1 <input type="checkbox"/> Tobacco 1 <input type="checkbox"/> E-nicotine delivery system 1 <input type="checkbox"/> Marijuana	ALCOHOL ABUSE: 1 <input type="checkbox"/> Yes 2 <input type="checkbox"/> No 9 <input type="checkbox"/> Unknown
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OTHER SUBSTANCES (CHECK ALL THAT APPLY): 1 None 1 Unknown

	DOCUMENTED USE DISORDER (DUD/ABUSE):	MODE OF DELIVERY (Check all that apply):
1 <input type="checkbox"/> Marijuana, cannabinoid (other than smoking)	1 <input type="checkbox"/> DUD or abuse	1 <input type="checkbox"/> IDU 1 <input type="checkbox"/> Skin popping 1 <input type="checkbox"/> Non-IDU 1 <input type="checkbox"/> Unknown
1 <input type="checkbox"/> Opioid, DEA schedule I (e.g., Heroin)	1 <input type="checkbox"/> DUD or abuse	1 <input type="checkbox"/> IDU 1 <input type="checkbox"/> Skin popping 1 <input type="checkbox"/> Non-IDU 1 <input type="checkbox"/> Unknown
1 <input type="checkbox"/> Opioid, DEA schedule II-IV (e.g., methadone, oxycodone)	1 <input type="checkbox"/> DUD or abuse	1 <input type="checkbox"/> IDU 1 <input type="checkbox"/> Skin popping 1 <input type="checkbox"/> Non-IDU 1 <input type="checkbox"/> Unknown
1 <input type="checkbox"/> Opioid, NOS	1 <input type="checkbox"/> DUD or abuse	1 <input type="checkbox"/> IDU 1 <input type="checkbox"/> Skin popping 1 <input type="checkbox"/> Non-IDU 1 <input type="checkbox"/> Unknown
1 <input type="checkbox"/> Cocaine	1 <input type="checkbox"/> DUD or abuse	1 <input type="checkbox"/> IDU 1 <input type="checkbox"/> Skin popping 1 <input type="checkbox"/> Non-IDU 1 <input type="checkbox"/> Unknown
1 <input type="checkbox"/> Methamphetamine	1 <input type="checkbox"/> DUD or abuse	1 <input type="checkbox"/> IDU 1 <input type="checkbox"/> Skin popping 1 <input type="checkbox"/> Non-IDU 1 <input type="checkbox"/> Unknown
1 <input type="checkbox"/> Other (specify): _____	1 <input type="checkbox"/> DUD or abuse	1 <input type="checkbox"/> IDU 1 <input type="checkbox"/> Skin popping 1 <input type="checkbox"/> Non-IDU 1 <input type="checkbox"/> Unknown

1 <input type="checkbox"/> Unknown substance	1 <input type="checkbox"/> DUD or abuse	1 <input type="checkbox"/> IDU 1 <input type="checkbox"/> Skin popping 1 <input type="checkbox"/> Non-IDU 1 <input type="checkbox"/> Unknown

DURING THE CURRENT HOSPITALIZATION DID THE PATIENT RECEIVE MEDICATION ASSISTED TREATMENT (MAT) FOR OPIOID USE DISORDER? 1 Yes 2 No 9 N/A (patient not hospitalized or did not have DUD)

32. PRIOR HEALTHCARE EXPOSURE(S):

PREVIOUS DOCUMENTED MSSA INFECTION OR COLONIZATION

1 Yes 2 No 9 Unknown

If YES: _____ OR previous STATE I.D.: _____
Month Year

OVERNIGHT STAY IN LTACH IN THE YEAR BEFORE DISC

1 Yes 2 No 9 Unknown

Facility ID: _____

PREVIOUS HOSPITALIZATION IN THE YEAR BEFORE DISC

1 Yes 2 No 9 Unknown

If YES, DATE OF DISCHARGE CLOSEST TO DISC: ____ - ____ - ____

OR, 1 Date unknown

Facility ID: _____

OVERNIGHT STAY IN LTCF IN THE YEAR BEFORE DISC

1 Yes 2 No 9 Unknown

Facility ID: _____

SURGERY IN THE YEAR BEFORE DISC 1 Yes 2 No 9 Unknown

IF YES, list the surgeries and dates of surgery that occurred within 90 days prior to the DISC:

Surgery Date

1. _____
2. _____
3. _____
4. _____

CENTRAL LINE IN PLACE ON THE DISC (UP TO THE TIME OF COLLECTION), OR AT ANY TIME IN THE 2 CALENDAR DAYS BEFORE DISC

1 Yes 2 No 9 Unknown

CHECK HERE if central line in place for >2 calendar days 1

DIALYSIS IN THE YEAR BEFORE DISC (Hemodialysis or Peritoneal dialysis)

1 Yes 2 No 9 Unknown

CURRENT CHRONIC DIALYSIS 1 Yes 2 No 9 Unknown

TYPE: 1 Hemodialysis 1 Peritoneal 1 Unknown

IF HEMODIALYSIS, type of vascular access:

1 AV fistula/graft 2 Hemodialysis central line 9 Unknown

33. PATIENT OUTCOME 1 Survived

DATE OF DISCHARGE: ____ - ____ - ____ OR 1 Date Unknown

1 Left against medical advice (AMA)

IF SURVIVED, DISCHARGED TO:

- 1 Private Residence 4 Other (specify): _____
- 2 LTCF Facility ID: _____
- 3 LTACH Facility ID: _____ 9 Unknown

2 Died 2 Unknown

DATE OF DEATH: ____ - ____ - ____ OR 1 Date 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?

1 Yes 2 No 9 Unknown

- THIS SHADED AREA FOR OFFICE USE ONLY -

34. WAS CASE FIRST IDENTIFIED THROUGH AUDIT? 1 <input type="checkbox"/> Yes 2 <input type="checkbox"/> No 9 <input type="checkbox"/> Unknown	35. CRF STATUS: 1 <input type="checkbox"/> Complete 2 <input type="checkbox"/> Incomplete 3 <input type="checkbox"/> Edited & Correct 4 <input type="checkbox"/> Chart unavailable after 3 requests	36. DOES THIS CASE HAVE RECURRENT MSSA DISEASE? 1 <input type="checkbox"/> Yes 2 <input type="checkbox"/> No 9 <input type="checkbox"/> Unknown	IF YES, PREVIOUS (1ST) STATE I.D. _____	37. DATE REPORTED TO EIP SITE: ____ - ____ - ____	39. S.O. INITIALS: _____
				38. DATE ABSTRACTION: ____ - ____ - ____	

40. COMMENTS: