

# KNHSS

Kuwait National Healthcare-associated  
Infections Surveillance System

## Instructions for Completion of laboratory record of Dialysis Event form.

| Data Field          | Instructions for Data Collection  |
|---------------------|---|
| <b>Page 2</b>       |   |
| Surveillance date   | Write down Surveillance date using the format: mm/yyyy  |
| Facility name       | Write down the facility name  |
| Facility code       | Write down the Facility code using <b>form A</b>  |
| Number of Pathogens | Write the number of isolated pathogen as recorded in page 1.  |
| Pathogen (s)name    | Write the name of the isolated microorganism(s).<br><br>If the species is not given on the lab report or is not found on the KNHSS pathogen list, then select the “spp” choice for the genus.   |
| Pathogen (S)code    | Write the code of each pathogen according to <b>Form D</b>  |
| MDRO                | Check <b>“Yes”</b> and write the code if the isolated organism(s) was/were MDRO of the following, otherwise check <b>“No”</b><br><br><b>(MRSA):</b> <i>S. aureus</i> cultured from any specimen that tests oxacillin-resistant, ceftazidime-resistant, or methicillin-resistant by standard susceptibility testing methods, or by a laboratory test that is FDA-approved for MRSA detection from isolated colonies; these methods may also include a positive result by any FDA-approved test for MRSA detection from that source.<br><br><b>VRE:</b> Any <i>Enterococcus</i> spp. (regardless of whether identified to the species level), that is resistant to vancomycin, by standard susceptibility testing methods or by results from any FDA-approved test for VRE detection from that specimen source.<br><br><b>ESBL producing Gram negative bacteria:</b> Gm negative spp. producing ESBLs enzymes that mediate resistance to extended-spectrum (third generation) cephalosporins (e.g., ceftazidime, cefotaxime, and ceftriaxone) and monobactams (e.g., aztreonam) but do not affect |

|   | <p>cephamycins (e.g., cefoxitin and cefotetan) or carbapenems (e.g., meropenem or imipenem).</p> <p><b>MDR-<i>Pseudomonas aeruginosa</i></b> testing non-susceptible (i.e., resistant or intermediate) to all agents tested in at least 3 or 4 antimicrobial classes, including penicillins, cephalosporins, aminoglycosides, fluoroquinolones, and carbapenems.</p> <p><b>MDR-<i>Acinetobacter</i></b>: Any <i>Acinetobacter</i> spp. testing non-susceptible (i.e., resistant or intermediate) to at least one agent in at least 3 antimicrobial classes of the following 6 antimicrobial classes.</p> <table border="1" data-bbox="483 653 1430 1024"> <thead> <tr> <th data-bbox="483 653 776 789">β-lactam/β-lactam β-lactamase inhibitor combination</th> <th data-bbox="776 653 1036 789">Aminoglycosides</th> <th data-bbox="1036 653 1214 789">Carbapenems</th> <th data-bbox="1214 653 1430 789">Fluoroquinolones</th> </tr> </thead> <tbody> <tr> <td data-bbox="483 789 776 894">Piperacillin<br/>Piperacillin/tazobactam</td> <td data-bbox="776 789 1036 894">Amikacin<br/>Gentamicin<br/>Tobramycin</td> <td data-bbox="1036 789 1214 894">Imipenem<br/>Meropenem<br/>Doripenem</td> <td data-bbox="1214 789 1430 894">Ciprofloxacin<br/>Levofloxacin</td> </tr> <tr> <td data-bbox="483 894 776 957">Cephalosporins</td> <td data-bbox="776 894 1036 957">Sulbactam</td> <td data-bbox="1036 894 1214 957"></td> <td data-bbox="1214 894 1430 957"></td> </tr> <tr> <td data-bbox="483 957 776 1024">Cefepime<br/>Ceftazidime</td> <td data-bbox="776 957 1036 1024">Ampicillin/sulbactam</td> <td data-bbox="1036 957 1214 1024"></td> <td data-bbox="1214 957 1430 1024"></td> </tr> </tbody> </table> | β-lactam/β-lactam β-lactamase inhibitor combination | Aminoglycosides               | Carbapenems | Fluoroquinolones | Piperacillin<br>Piperacillin/tazobactam | Amikacin<br>Gentamicin<br>Tobramycin | Imipenem<br>Meropenem<br>Doripenem | Ciprofloxacin<br>Levofloxacin | Cephalosporins | Sulbactam |  |  | Cefepime<br>Ceftazidime | Ampicillin/sulbactam |  |  |
|---|--|---|-------------------------------|-------------|------------------|---|--------------------------------------|------------------------------------|-------------------------------|----------------|-----------|--|--|-------------------------|----------------------|--|--|
| β-lactam/β-lactam β-lactamase inhibitor combination | Aminoglycosides  | Carbapenems   | Fluoroquinolones              |             |                  |   |                                      |                                    |                               |                |           |  |  |                         |                      |  |  |
| Piperacillin<br>Piperacillin/tazobactam             | Amikacin<br>Gentamicin<br>Tobramycin   | Imipenem<br>Meropenem<br>Doripenem                  | Ciprofloxacin<br>Levofloxacin |             |                  |   |                                      |                                    |                               |                |           |  |  |                         |                      |  |  |
| Cephalosporins                                      | Sulbactam  |   |                               |             |                  |   |                                      |                                    |                               |                |           |  |  |                         |                      |  |  |
| Cefepime<br>Ceftazidime                             | Ampicillin/sulbactam   |   |                               |             |                  |   |                                      |                                    |                               |                |           |  |  |                         |                      |  |  |
| Date of sampling                                    | Write the date of sample taken using this format: dd/mm/yyyy.  |   |                               |             |                  |   |                                      |                                    |                               |                |           |  |  |                         |                      |  |  |
| Type of infection                                   | Write blood stream infection (any positive blood culture is reported as blood stream infection)  |   |                               |             |                  |   |                                      |                                    |                               |                |           |  |  |                         |                      |  |  |
| Type of sample                                      | Write blood. Do not report results of cultures from sites other than blood.  |   |                               |             |                  |   |                                      |                                    |                               |                |           |  |  |                         |                      |  |  |
| Antimicrobial agents and susceptibility results     | <p>For each isolated organism:<br/>         In front of the each antimicrobial tested write the susceptibility result either:<br/>         S – Sensitive,<br/>         I – Intermediate or R – Resistant<br/>         Others specify: any antimicrobial other than listed (antibiotic or antifungal) can be included.</p>  |   |                               |             |                  |   |                                      |                                    |                               |                |           |  |  |                         |                      |  |  |