# Supplementary report Annex C:

## Cluster signals identify by AMASS-SatScan

**Hospital name: Hypothetical Hospital**
**Country name: Hypothetical Country**

**Data from:**
**02 Jan 2016 to 31 Dec 2016**

This is a detailed report for records with cluster signals identified by the AMASS-SatScan. This report, together with the full list in Excel format, is for users to check and validate the cluster and the patients in each cluster identified by the SatScan. The information available in this PDF file include ward names used in the dictionary files. The identifiers in the Excel files for the Annex C include hospital number and specimen collection date. Users should not share or transfer this report and the excel files for the Annex C to any party outside of the hospital without data security management and confidential agreement.

# Blood specimen: MRSA

## Baseline information

*No. of patients = 19*
*No. of wards = 1*
*No. of AMR profiles = 1*

## List of profiles

| Profile ID | Cefoxitin | Oxacillin by MIC | Vancomycin | Clindamycin | Chloramphenicol | Erythromycin | Ofloxacin | Gentamycin | Amikacin | Co-trimoxazole | Rifampicin | Teicoplanin | Daptomycin | Linezolid | Ceftaroline | Piperacillin/tazobactam | No. of patients |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| profile_MRSA_na | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 19 |
| **Total** | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | **19** |

* The AMASS-SatScan (Annex C) de-duplicated by including only the first resistant isolate per patient per specimen type per evaluation period. Bar graphs show patients with blood culture positive with the organism with a profile identified in at least one cluster signal. Gray bars (Other profiles) represents patients with blood culture positive for organisms with profiles that were not included in any cluster signals.

# Blood specimen: MRSA

## List of ward

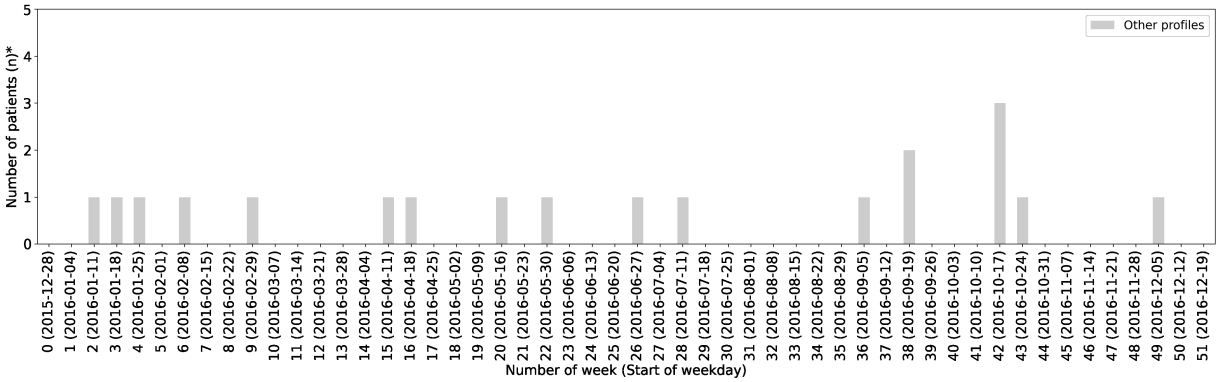
| Ward ID | No. of patients |
|---|---|
| | 19 |
| **Total** | **19** |

* The AMASS-SatScan (Annex C) de-duplicated by including only the first resistant isolate per patient per specimen type per evaluation period. Bar graphs show patients with blood culture positive with the organism with a profile identified in at least one cluster signal. Gray bars (Other profiles) represents patients with blood culture positive for organisms with profiles that were not included in any cluster signals.

# Blood specimen: MRSA

## Display of patients with blood culture positive for MRSA in each ward over time

***Ward :***




* The AMASS-SatScan (Annex C) de-duplicated by including only the first resistant isolate per patient per specimen type per evaluation period. Bar graphs show patients with blood culture positive with the organism with a profile identified in at least one cluster signal. Gray bars (Other profiles) represents patients with blood culture positive for organisms with profiles that were not included in any cluster signals. Only wards with a cluster signal identified or having the top three highest number of patients are displayed.

# All specimens: MRSA

## Baseline information

*No. of patients = 56*
*No. of wards = 1*
*No. of AMR profiles = 1*

## List of profiles

| Profile ID | Cefoxitin | Oxacillin by MIC | Vancomycin | Clindamycin | Chloramphenicol | Erythromycin | Ofloxacin | Gentamycin | Amikacin | Co-trimoxazole | Rifampicin | Teicoplanin | Daptomycin | Linezolid | Ceftaroline | Piperacillin/tazobactam | No. of patients |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| profile_MRSA_na | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 56 |
| **Total** | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | **56** |

* The AMASS-SatScan (Annex C) de-duplicated by including only the first resistant isolate per patient per specimen type per evaluation period. Bar graphs show patients with a clinical specimen culture positive with the organism with a profile identified in at least one cluster signal. Gray bars (Other profiles) represents patients with blood culture positive for organisms with profiles that were not included in any cluster signals.

# All specimens: MRSA

## List of ward

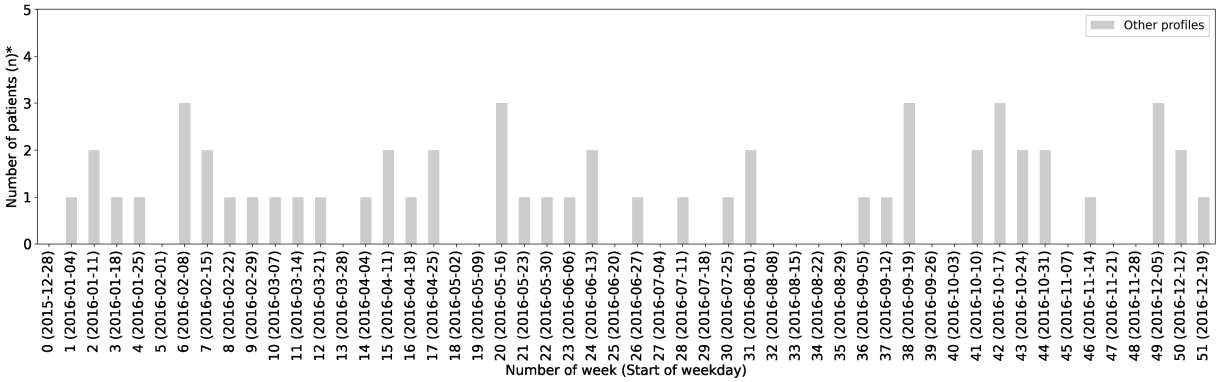
| Ward ID | No. of patients |
|---|---|
| | 56 |
| **Total** | **56** |

* The AMASS-SatScan (Annex C) de-duplicated by including only the first resistant isolate per patient per specimen type per evaluation period. Bar graphs show patients with a clinical specimen culture positive with the organism with a profile identified in at least one cluster signal. Gray bars (Other profiles) represents patients with blood culture positive for organisms with profiles that were not included in any cluster signals.

# All specimens: MRSA

## Display of patients with a clinical specimen culture positive for MRSA in each ward over time

***Ward :***




* The AMASS-SatScan (Annex C) de-duplicated by including only the first resistant isolate per patient per specimen type per evaluation period. Bar graphs show patients with a clinical specimen culture positive with the organism with a profile identified in at least one cluster signal. Gray bars (Other profiles) represents patients with blood culture positive for organisms with profiles that were not included in any cluster signals. Only wards with a cluster signal identified or having the top three highest number of patients are displayed.

# Blood specimen: VREfs

## Baseline information

*No. of patients = 0*
*No. of wards = 0*
*No. of AMR profiles = 0*

### list of profiles

None

* The AMASS-SatScan (Annex C) de-duplicated by including only the first resistant isolate per patient per specimen type per evaluation period. Bar graphs show patients with blood culture positive with the organism with a profile identified in at least one cluster signal. Gray bars (Other profiles) represents patients with blood culture positive for organisms with profiles that were not included in any cluster signals.

# Blood specimen: VREfs

## list of wards

None

* The AMASS-SatScan (Annex C) de-duplicated by including only the first resistant isolate per patient per specimen type per evaluation period. Bar graphs show patients with blood culture positive with the organism with a profile identified in at least one cluster signal. Gray bars (Other profiles) represents patients with blood culture positive for organisms with profiles that were not included in any cluster signals.

# Blood specimen: VREfs

## Display of patients with blood culture positive for VREfs in each ward over time

None

* The AMASS-SatScan (Annex C) de-duplicated by including only the first resistant isolate per patient per specimen type per evaluation period. Bar graphs show patients with blood culture positive with the organism with a profile identified in at least one cluster signal. Gray bars (Other profiles) represents patients with blood culture positive for organisms with profiles that were not included in any cluster signals. Only wards with a cluster signal identified or having the top three highest number of patients are displayed.

# All specimens: VREfs

## Baseline information

*No. of patients = 0*
*No. of wards = 0*
*No. of AMR profiles = 0*

### list of profiles

None

* The AMASS-SatScan (Annex C) de-duplicated by including only the first resistant isolate per patient per specimen type per evaluation period. Bar graphs show patients with a clinical specimen culture positive with the organism with a profile identified in at least one cluster signal. Gray bars (Other profiles) represents patients with blood culture positive for organisms with profiles that were not included in any cluster signals.

# All specimens: VREfs

## list of wards

None

* The AMASS-SatScan (Annex C) de-duplicated by including only the first resistant isolate per patient per specimen type per evaluation period. Bar graphs show patients with a clinical specimen culture positive with the organism with a profile identified in at least one cluster signal. Gray bars (Other profiles) represents patients with blood culture positive for organisms with profiles that were not included in any cluster signals.

# All specimens: VREfs

## Display of patients with a clinical specimen culture positive for VREfs in each ward over time

None

* The AMASS-SatScan (Annex C) de-duplicated by including only the first resistant isolate per patient per specimen type per evaluation period. Bar graphs show patients with a clinical specimen culture positive with the organism with a profile identified in at least one cluster signal. Gray bars (Other profiles) represents patients with blood culture positive for organisms with profiles that were not included in any cluster signals. Only wards with a cluster signal identified or having the top three highest number of patients are displayed.

# Blood specimen: VREfm

## Baseline information

*No. of patients = 0*
*No. of wards = 0*
*No. of AMR profiles = 0*

### list of profiles

None

* The AMASS-SatScan (Annex C) de-duplicated by including only the first resistant isolate per patient per specimen type per evaluation period. Bar graphs show patients with blood culture positive with the organism with a profile identified in at least one cluster signal. Gray bars (Other profiles) represents patients with blood culture positive for organisms with profiles that were not included in any cluster signals.

# Blood specimen: VREfm

## list of wards

None

* The AMASS-SatScan (Annex C) de-duplicated by including only the first resistant isolate per patient per specimen type per evaluation period. Bar graphs show patients with blood culture positive with the organism with a profile identified in at least one cluster signal. Gray bars (Other profiles) represents patients with blood culture positive for organisms with profiles that were not included in any cluster signals.

# Blood specimen: VREfm

## Display of patients with blood culture positive for VREfm in each ward over time

None

* The AMASS-SatScan (Annex C) de-duplicated by including only the first resistant isolate per patient per specimen type per evaluation period. Bar graphs show patients with blood culture positive with the organism with a profile identified in at least one cluster signal. Gray bars (Other profiles) represents patients with blood culture positive for organisms with profiles that were not included in any cluster signals. Only wards with a cluster signal identified or having the top three highest number of patients are displayed.

# All specimens: VREfm

## Baseline information

*No. of patients = 0*
*No. of wards = 0*
*No. of AMR profiles = 0*

### list of profiles

None

* The AMASS-SatScan (Annex C) de-duplicated by including only the first resistant isolate per patient per specimen type per evaluation period. Bar graphs show patients with a clinical specimen culture positive with the organism with a profile identified in at least one cluster signal. Gray bars (Other profiles) represents patients with blood culture positive for organisms with profiles that were not included in any cluster signals.

# All specimens: VREfm

## list of wards

None

* The AMASS-SatScan (Annex C) de-duplicated by including only the first resistant isolate per patient per specimen type per evaluation period. Bar graphs show patients with a clinical specimen culture positive with the organism with a profile identified in at least one cluster signal. Gray bars (Other profiles) represents patients with blood culture positive for organisms with profiles that were not included in any cluster signals.

# All specimens: VREfm

## Display of patients with a clinical specimen culture positive for VREfm in each ward over time

None

* The AMASS-SatScan (Annex C) de-duplicated by including only the first resistant isolate per patient per specimen type per evaluation period. Bar graphs show patients with a clinical specimen culture positive with the organism with a profile identified in at least one cluster signal. Gray bars (Other profiles) represents patients with blood culture positive for organisms with profiles that were not included in any cluster signals. Only wards with a cluster signal identified or having the top three highest number of patients are displayed.

# Blood specimen: CREC

## Baseline information

*No. of patients = 4*
*No. of wards = 1*
*No. of AMR profiles = 1*

## List of profiles

| Profile ID | Ampicillin | Gentamicin | Amikacin | Co-trimoxazole | Ciprofloxacin | Levofloxacin | Cefpodoxime | Ceftriaxone | Ceftazidime | Cefotaxime | Cefepime | Imipenem | Meropenem | Ertapenem | Doripenem | Colistin | Piperacillin/tazobactam | Cefoperazone/sulbactam | No. of patients |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| profile_CREC_na | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 4 |
| **Total** | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | **4** |

* The AMASS-SatScan (Annex C) de-duplicated by including only the first resistant isolate per patient per specimen type per evaluation period. Bar graphs show patients with blood culture positive with the organism with a profile identified in at least one cluster signal. Gray bars (Other profiles) represents patients with blood culture positive for organisms with profiles that were not included in any cluster signals.

# Blood specimen: CREC

## List of ward

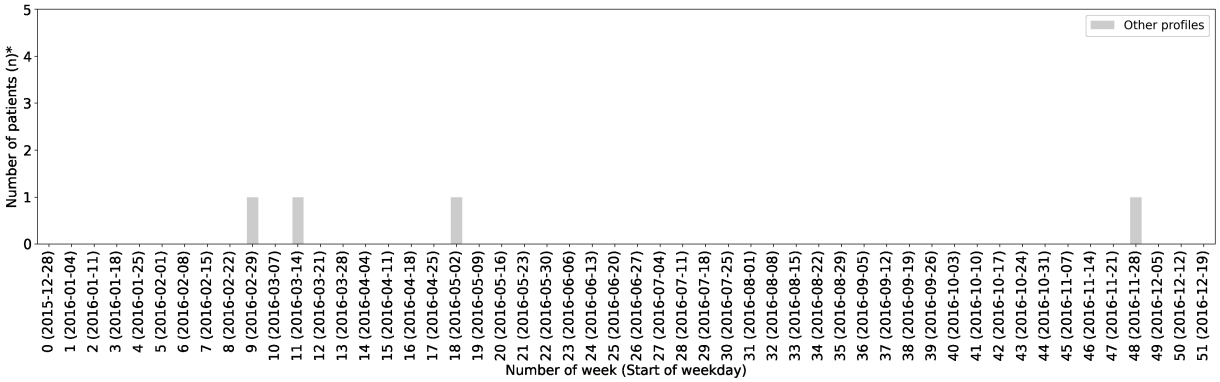
| Ward ID | No. of patients |
|---|---|
| | 4 |
| **Total** | **4** |

* The AMASS-SatScan (Annex C) de-duplicated by including only the first resistant isolate per patient per specimen type per evaluation period. Bar graphs show patients with blood culture positive with the organism with a profile identified in at least one cluster signal. Gray bars (Other profiles) represents patients with blood culture positive for organisms with profiles that were not included in any cluster signals.

# Blood specimen: CREC

## Display of patients with blood culture positive for CREC in each ward over time

***Ward :***




* The AMASS-SatScan (Annex C) de-duplicated by including only the first resistant isolate per patient per specimen type per evaluation period. Bar graphs show patients with blood culture positive with the organism with a profile identified in at least one cluster signal. Gray bars (Other profiles) represents patients with blood culture positive for organisms with profiles that were not included in any cluster signals. Only wards with a cluster signal identified or having the top three highest number of patients are displayed.

# All specimens: CREC

## Baseline information

*No. of patients = 12*
*No. of wards = 1*
*No. of AMR profiles = 1*

## List of profiles

| Profile ID | Ampicillin | Gentamicin | Amikacin | Co-trimoxazole | Ciprofloxacin | Levofloxacin | Cefpodoxime | Ceftriaxone | Ceftazidime | Cefotaxime | Cefepime | Imipenem | Meropenem | Ertapenem | Doripenem | Colistin | Piperacillin/tazobactam | Cefoperazone/sulbactam | No. of patients |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| profile_CREC_na | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 12 |
| **Total** | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | **12** |

* The AMASS-SatScan (Annex C) de-duplicated by including only the first resistant isolate per patient per specimen type per evaluation period. Bar graphs show patients with a clinical specimen culture positive with the organism with a profile identified in at least one cluster signal. Gray bars (Other profiles) represents patients with blood culture positive for organisms with profiles that were not included in any cluster signals.

# All specimens: CREC

## List of ward

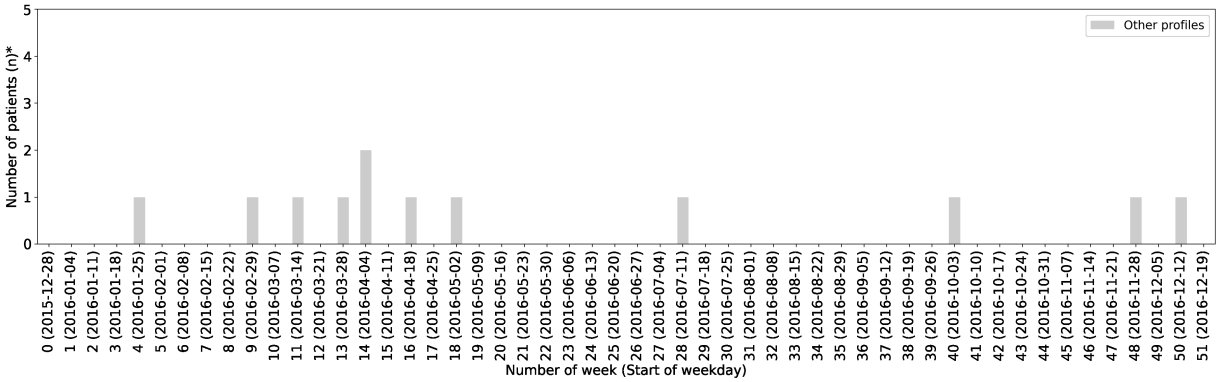
| Ward ID | No. of patients |
|---|---|
| | 12 |
| **Total** | **12** |

* The AMASS-SatScan (Annex C) de-duplicated by including only the first resistant isolate per patient per specimen type per evaluation period. Bar graphs show patients with a clinical specimen culture positive with the organism with a profile identified in at least one cluster signal. Gray bars (Other profiles) represents patients with blood culture positive for organisms with profiles that were not included in any cluster signals.

# All specimens: CREC

## Display of patients with a clinical specimen culture positive for CREC in each ward over time

***Ward :***




* The AMASS-SatScan (Annex C) de-duplicated by including only the first resistant isolate per patient per specimen type per evaluation period. Bar graphs show patients with a clinical specimen culture positive with the organism with a profile identified in at least one cluster signal. Gray bars (Other profiles) represents patients with blood culture positive for organisms with profiles that were not included in any cluster signals. Only wards with a cluster signal identified or having the top three highest number of patients are displayed.

# Blood specimen: CRKP

## Baseline information

*No. of patients = 2*
*No. of wards = 1*
*No. of AMR profiles = 1*

## List of profiles

| Profile ID | Ampicillin | Gentamicin | Amikacin | Co-trimoxazole | Ciprofloxacin | Levofloxacin | Cefpodoxime | Ceftriaxone | Ceftazidime | Cefotaxime | Cefepime | Imipenem | Meropenem | Ertapenem | Doripenem | Colistin | Piperacillin/tazobactam | Cefoperazone/sulbactam | No. of patients |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| profile_CRKP_1 | - | - | - | - | - | - | - | - | - | - | - | S | - | - | - | - | - | - | 2 |
| **Total** | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | **2** |

* The AMASS-SatScan (Annex C) de-duplicated by including only the first resistant isolate per patient per specimen type per evaluation period. Bar graphs show patients with blood culture positive with the organism with a profile identified in at least one cluster signal. Gray bars (Other profiles) represents patients with blood culture positive for organisms with profiles that were not included in any cluster signals.

# Blood specimen: CRKP

## List of ward

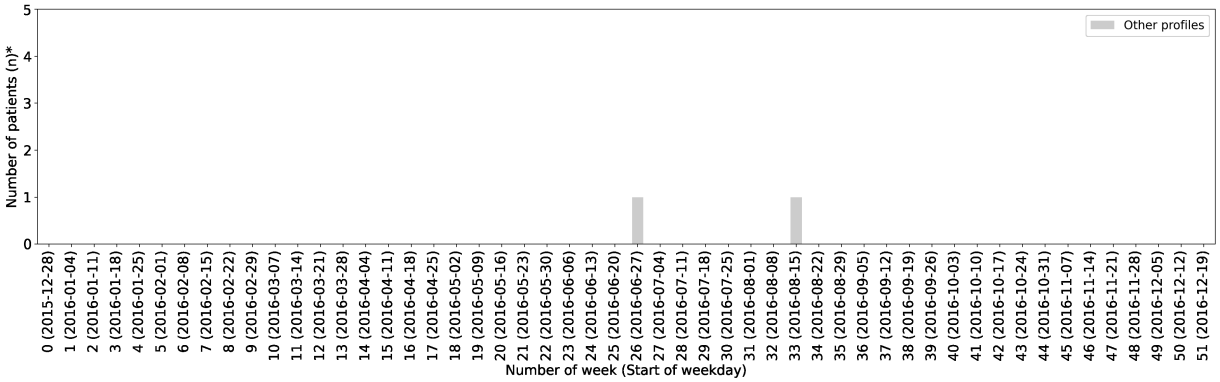
| Ward ID | No. of patients |
|---|---|
| | 2 |
| **Total** | **2** |

* The AMASS-SatScan (Annex C) de-duplicated by including only the first resistant isolate per patient per specimen type per evaluation period. Bar graphs show patients with blood culture positive with the organism with a profile identified in at least one cluster signal. Gray bars (Other profiles) represents patients with blood culture positive for organisms with profiles that were not included in any cluster signals.

# Blood specimen: CRKP

## Display of patients with blood culture positive for CRKP in each ward over time

### *Ward :*




* The AMASS-SatScan (Annex C) de-duplicated by including only the first resistant isolate per patient per specimen type per evaluation period. Bar graphs show patients with blood culture positive with the organism with a profile identified in at least one cluster signal. Gray bars (Other profiles) represents patients with blood culture positive for organisms with profiles that were not included in any cluster signals. Only wards with a cluster signal identified or having the top three highest number of patients are displayed.

# All specimens: CRKP

## Baseline information

*No. of patients = 15*
*No. of wards = 1*
*No. of AMR profiles = 2*

## List of profiles

| Profile ID | Ampicillin | Gentamicin | Amikacin | Co-trimoxazole | Ciprofloxacin | Levofloxacin | Cefpodoxime | Ceftriaxone | Ceftazidime | Cefotaxime | Cefepime | Imipenem | Meropenem | Ertapenem | Doripenem | Colistin | Piperacillin/tazobactam | Cefoperazone/sulbactam | No. of patients |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| profile_CRKP_1 | - | - | - | - | - | - | - | - | - | - | - | S | - | - | - | - | - | - | 11 |
| profile_CRKP_2 | - | - | - | - | - | - | - | - | - | - | - | R | - | - | - | - | - | - | 4 |
| **Total** | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | **15** |

* The AMASS-SatScan (Annex C) de-duplicated by including only the first resistant isolate per patient per specimen type per evaluation period. Bar graphs show patients with a clinical specimen culture positive with the organism with a profile identified in at least one cluster signal. Gray bars (Other profiles) represents patients with blood culture positive for organisms with profiles that were not included in any cluster signals.

# All specimens: CRKP

## List of ward

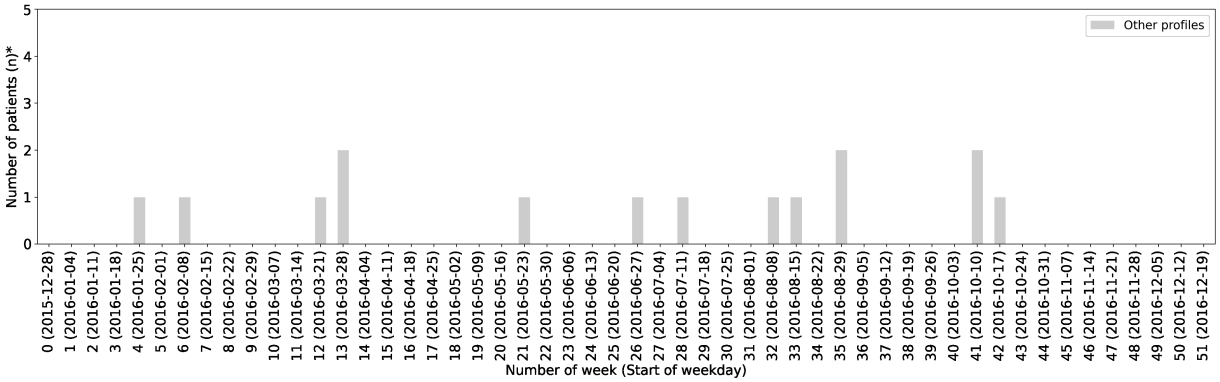
| Ward ID | No. of patients |
|---|---|
| | 15 |
| **Total** | **15** |

* The AMASS-SatScan (Annex C) de-duplicated by including only the first resistant isolate per patient per specimen type per evaluation period. Bar graphs show patients with a clinical specimen culture positive with the organism with a profile identified in at least one cluster signal. Gray bars (Other profiles) represents patients with blood culture positive for organisms with profiles that were not included in any cluster signals.

# All specimens: CRKP

## Display of patients with a clinical specimen culture positive for CRKP in each ward over time

***Ward :***




* The AMASS-SatScan (Annex C) de-duplicated by including only the first resistant isolate per patient per specimen type per evaluation period. Bar graphs show patients with a clinical specimen culture positive with the organism with a profile identified in at least one cluster signal. Gray bars (Other profiles) represents patients with blood culture positive for organisms with profiles that were not included in any cluster signals. Only wards with a cluster signal identified or having the top three highest number of patients are displayed.

# Blood specimen: CRPA

## Baseline information

*No. of patients = 4*
*No. of wards = 1*
*No. of AMR profiles = 2*

## List of profiles

| Profile ID | Ceftazidime | Ciprofloxacin | Gentamicin | Amikacin | Imipenem | Meropenem | Doripenem | Colistin | Piperacillin/tazobactam | Cefoperazone/sulbactam | No. of patients |
|---|---|---|---|---|---|---|---|---|---|---|---|
| profile_CRPA_1 | - | R | - | - | - | - | - | - | - | - | 2 |
| profile_CRPA_2 | - | S | - | - | - | - | - | - | - | - | 2 |
| **Total** | - | - | - | - | - | - | - | - | - | - | **4** |

* The AMASS-SatScan (Annex C) de-duplicated by including only the first resistant isolate per patient per specimen type per evaluation period. Bar graphs show patients with blood culture positive with the organism with a profile identified in at least one cluster signal. Gray bars (Other profiles) represents patients with blood culture positive for organisms with profiles that were not included in any cluster signals.

# Blood specimen: CRPA

## List of ward

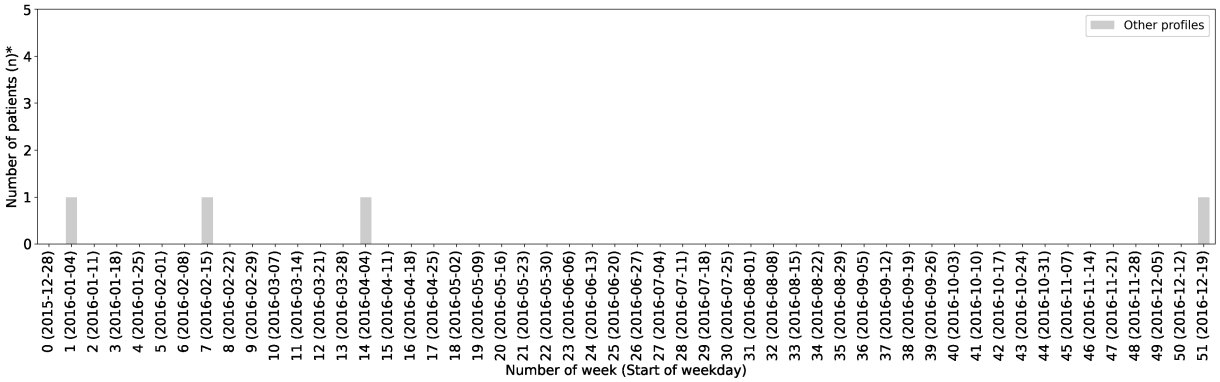
| Ward ID | No. of patients |
|---|---|
| | 4 |
| **Total** | **4** |

* The AMASS-SatScan (Annex C) de-duplicated by including only the first resistant isolate per patient per specimen type per evaluation period. Bar graphs show patients with blood culture positive with the organism with a profile identified in at least one cluster signal. Gray bars (Other profiles) represents patients with blood culture positive for organisms with profiles that were not included in any cluster signals.

# Blood specimen: CRPA

## Display of patients with blood culture positive for CRPA in each ward over time

***Ward :***




* The AMASS-SatScan (Annex C) de-duplicated by including only the first resistant isolate per patient per specimen type per evaluation period. Bar graphs show patients with blood culture positive with the organism with a profile identified in at least one cluster signal. Gray bars (Other profiles) represents patients with blood culture positive for organisms with profiles that were not included in any cluster signals. Only wards with a cluster signal identified or having the top three highest number of patients are displayed.

# All specimens: CRPA

## Baseline information

*No. of patients = 28*
*No. of wards = 1*
*No. of AMR profiles = 2*

## List of profiles

| Profile ID | Ceftazidime | Ciprofloxacin | Gentamicin | Amikacin | Imipenem | Meropenem | Doripenem | Colistin | Piperacillin/tazobactam | Cefoperazone/sulbactam | No. of patients |
|---|---|---|---|---|---|---|---|---|---|---|---|
| profile_CRPA_1 | - | R | - | - | - | - | - | - | - | - | 14 |
| profile_CRPA_2 | - | S | - | - | - | - | - | - | - | - | 14 |
| **Total** | - | - | - | - | - | - | - | - | - | - | **28** |

* The AMASS-SatScan (Annex C) de-duplicated by including only the first resistant isolate per patient per specimen type per evaluation period. Bar graphs show patients with a clinical specimen culture positive with the organism with a profile identified in at least one cluster signal. Gray bars (Other profiles) represents patients with blood culture positive for organisms with profiles that were not included in any cluster signals.

# All specimens: CRPA

## List of ward

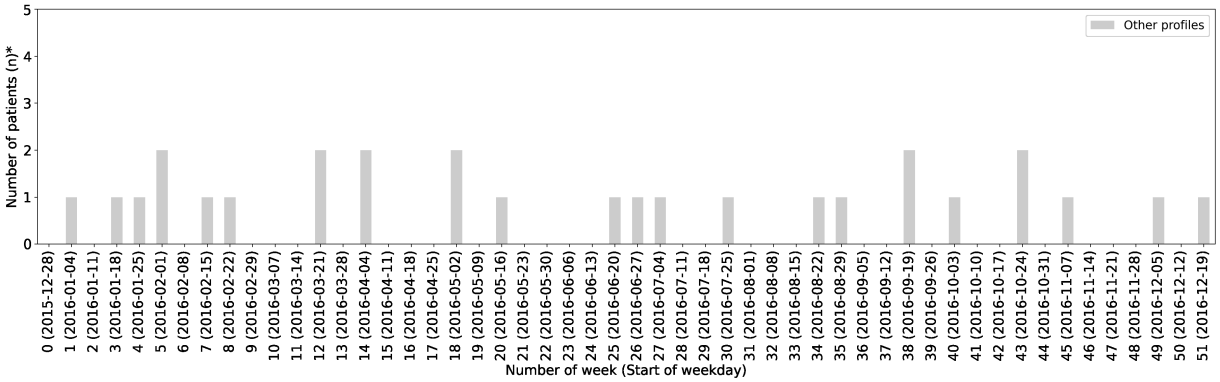
| Ward ID | No. of patients |
|---|---|
| | 28 |
| **Total** | **28** |

* The AMASS-SatScan (Annex C) de-duplicated by including only the first resistant isolate per patient per specimen type per evaluation period. Bar graphs show patients with a clinical specimen culture positive with the organism with a profile identified in at least one cluster signal. Gray bars (Other profiles) represents patients with blood culture positive for organisms with profiles that were not included in any cluster signals.

# All specimens: CRPA

## Display of patients with a clinical specimen culture positive for CRPA in each ward over time

***Ward :***




* The AMASS-SatScan (Annex C) de-duplicated by including only the first resistant isolate per patient per specimen type per evaluation period. Bar graphs show patients with a clinical specimen culture positive with the organism with a profile identified in at least one cluster signal. Gray bars (Other profiles) represents patients with blood culture positive for organisms with profiles that were not included in any cluster signals. Only wards with a cluster signal identified or having the top three highest number of patients are displayed.

# Blood specimen: CRAB

## Baseline information

*No. of patients = 44*
*No. of wards = 1*
*No. of AMR profiles = 2*

## List of profiles

| Profile ID | Tigecycline | Minocycline | Gentamicin | Amikacin | Imipenem | Meropenem | Doripenem | Colistin | Piperacillin/tazobactam | Cefoperazone/sulbactam | No. of patients |
|---|---|---|---|---|---|---|---|---|---|---|---|
| profile_CRAB_1 | - | - | R | - | - | R | - | - | - | - | 43 |
| profile_CRAB_2 | - | - | S | - | - | S | - | - | - | - | 1 |
| **Total** | - | - | - | - | - | - | - | - | - | - | **44** |

* The AMASS-SatScan (Annex C) de-duplicated by including only the first resistant isolate per patient per specimen type per evaluation period. Bar graphs show patients with blood culture positive with the organism with a profile identified in at least one cluster signal. Gray bars (Other profiles) represents patients with blood culture positive for organisms with profiles that were not included in any cluster signals.

# Blood specimen: CRAB

## List of ward

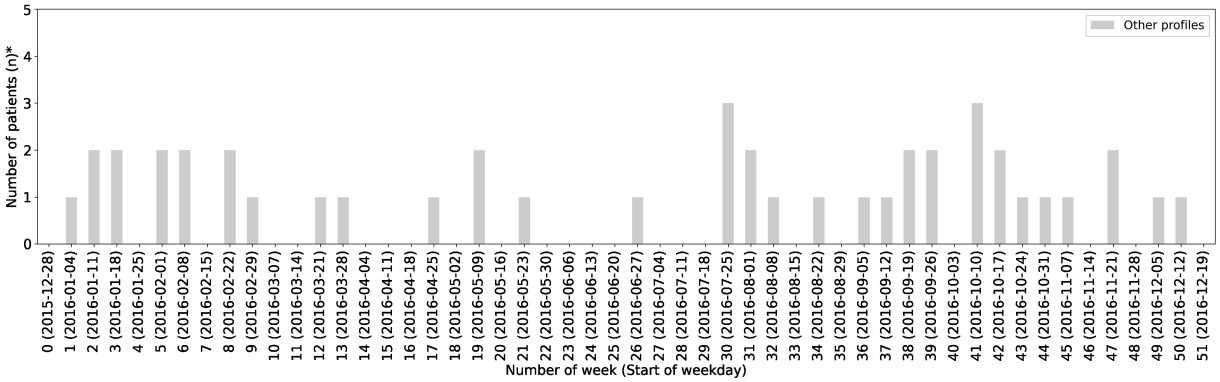
| Ward ID | No. of patients |
|---|---|
| | 44 |
| **Total** | **44** |

* The AMASS-SatScan (Annex C) de-duplicated by including only the first resistant isolate per patient per specimen type per evaluation period. Bar graphs show patients with blood culture positive with the organism with a profile identified in at least one cluster signal. Gray bars (Other profiles) represents patients with blood culture positive for organisms with profiles that were not included in any cluster signals.

# Blood specimen: CRAB

## Display of patients with blood culture positive for CRAB in each ward over time

***Ward :***




* The AMASS-SatScan (Annex C) de-duplicated by including only the first resistant isolate per patient per specimen type per evaluation period. Bar graphs show patients with blood culture positive with the organism with a profile identified in at least one cluster signal. Gray bars (Other profiles) represents patients with blood culture positive for organisms with profiles that were not included in any cluster signals. Only wards with a cluster signal identified or having the top three highest number of patients are displayed.

# All specimens: CRAB

## Baseline information

*No. of patients = 154*
*No. of wards = 1*
*No. of AMR profiles = 3*

## List of profiles

| Profile ID | Tigecycline | Minocycline | Gentamicin | Amikacin | Imipenem | Meropenem | Doripenem | Colistin | Piperacillin/tazobactam | Cefoperazone/sulbactam | No. of patients |
|---|---|---|---|---|---|---|---|---|---|---|---|
| profile_CRAB_1 | - | - | R | - | - | R | - | - | - | - | 148 |
| profile_CRAB_2 | - | - | S | - | - | S | - | - | - | - | 5 |
| profile_CRAB_3 | - | - | S | - | - | R | - | - | - | - | 1 |
| **Total** | - | - | - | - | - | - | - | - | - | - | **154** |

* The AMASS-SatScan (Annex C) de-duplicated by including only the first resistant isolate per patient per specimen type per evaluation period. Bar graphs show patients with a clinical specimen culture positive with the organism with a profile identified in at least one cluster signal. Gray bars (Other profiles) represents patients with blood culture positive for organisms with profiles that were not included in any cluster signals.

# All specimens: CRAB

## List of ward

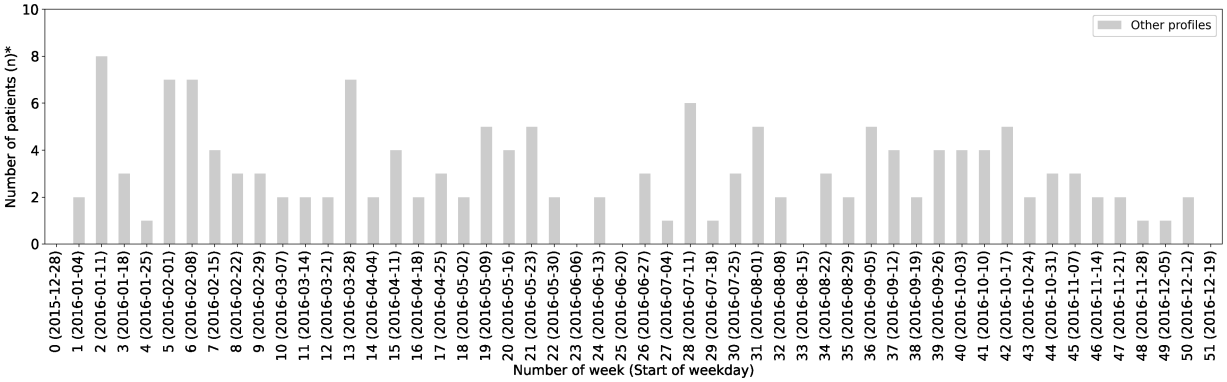
| Ward ID | No. of patients |
|---|---|
| | 154 |
| **Total** | **154** |

* The AMASS-SatScan (Annex C) de-duplicated by including only the first resistant isolate per patient per specimen type per evaluation period. Bar graphs show patients with a clinical specimen culture positive with the organism with a profile identified in at least one cluster signal. Gray bars (Other profiles) represents patients with blood culture positive for organisms with profiles that were not included in any cluster signals.

# All specimens: CRAB

## Display of patients with a clinical specimen culture positive for CRAB in each ward over time

***Ward :***




* The AMASS-SatScan (Annex C) de-duplicated by including only the first resistant isolate per patient per specimen type per evaluation period. Bar graphs show patients with a clinical specimen culture positive with the organism with a profile identified in at least one cluster signal. Gray bars (Other profiles) represents patients with blood culture positive for organisms with profiles that were not included in any cluster signals. Only wards with a cluster signal identified or having the top three highest number of patients are displayed.

# Table S1: List of ward names in your microbiology_data file

None

* In case that there are ward names in your hospital_admission_data file, this list and the analysis will prioritize the ward names in the microbiology_data file over the ones in hospital_admission_data file.