



# National Healthcare Safety Network (NHSN) Tutorial

## MDRO and CDAD Module: LabID Event Entry

Slide adapted with permission from the Wisconsin Department of Health Services

# Surveillance Options for MDRO/CDAD Module

- Infection Surveillance
  - ❖ One or more organisms
  - ❖ Location specific for  $\geq 3$  months
  - ❖ Requires active pt-based surveillance
- Laboratory-Identified (LabID) Event
  - ❖ One or more organisms
  - ❖ Location specific for  $\geq 3$  consecutive months
  - ❖ Relies on laboratory test results

# Pathogens Monitored

- Methicillin-resistant *S. aureus* (MRSA)
- Methicillin-sensitive *S. aureus* (MSSA)
- Vancomycin-resistant Enterococcus (VRE)
- Multidrug-resistant *Klebsiella spp.*
- Multidrug-resistant *Acinetobacter spp.*
- *Clostridium difficile* (*C. diff*)

# Locations for MDRO Surveillance

- Infection Surveillance – Inpatients only
  - ❖ Critical/intensive care units (ICU)
  - ❖ Specialty Care Areas (SCA)
  - ❖ Neonatal Units
  - ❖ Stepdown Units
  - ❖ Patient Wards
  - ❖ Long Term Care Units
- LabID Events – Any inpatient or outpatient area, excluding outpt dialysis centers

# LabID Event Reporting Options

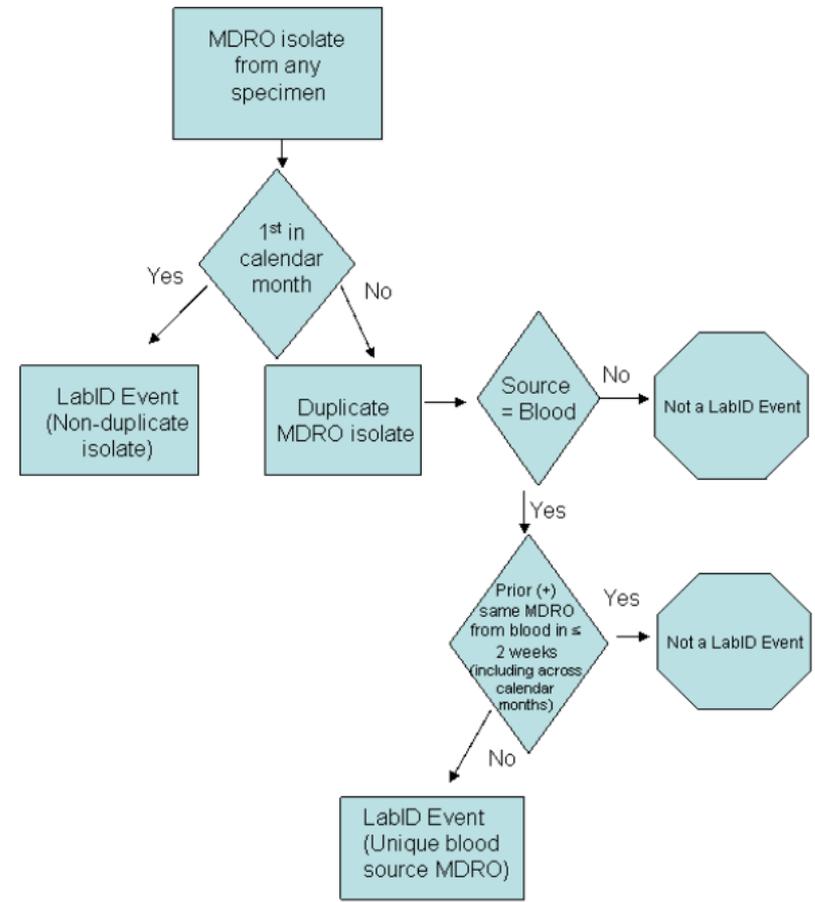
- Facility-wide by Location
- Selected Locations
- Overall Facility-wide
- Overall Facility-wide: Blood Specimens Only

# Additional Optional Reporting Methods

- Prevention Process Measures
  - ❖ Hand Hygiene (HH)
  - ❖ Gown & Glove Use Adherence (GG)
  - ❖ Active Surveillance Testing (AST)
  
- AST Outcome Measures
  - ❖ Incidence
  - ❖ Prevalence

# LabID Algorithm for MDRO

Figure 1. MDRO Test Result Algorithm for Laboratory-Identified (LabID) Events



MDRO/CDAD  
Protocol: Chapter 12  
in the  
Patient Safety  
Component Manual  
([http://www.cdc.gov/nhsn/TOC\\_PSCManual.html](http://www.cdc.gov/nhsn/TOC_PSCManual.html))

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# LabID Algorithm for *C. difficile*

## + *C. difficile* Test Result



- If patient has prior + in  $\leq$  2 weeks: Do Not Report as LabID Event. It is considered a duplicate test result.
- If no prior + in previous 2 weeks: Yes, report it as a LabID Event.

# Add Events Section

**CDC** Department of Health and Human Services  
Centers for Disease Control and Prevention

NHSN - National Healthcare Safety Network

Logged into NHSN Test Medical Clinic #3 (ID 14352) as ASHLIEWI.  
Facility NHSN Test Medical Clinic #3 (ID 14352) is following the PS component.

**NHSN Patient Safety Component Home Page**

Use the Navigation bar on the left to access the features of the application.

**Assurance of Confidentiality:** The information obtained in this surveillance system that would permit it to be used only for the purposes stated, and will not otherwise be disclosed or released without the consent of the patient or the Health Insurance Portability and Accountability Act (42 USC 242b, 242k, and 242m(d)).

**NHSN maintenance may occur nightly between 12am and 6am Eastern time.**

 [Get Adobe Acrobat Reader for PDF files](#)

**Navigation Bar:**

- NHSN Home
- Reporting Plan
- Patient
- Event
  - Add ←
  - Find
  - Incomplete
- Procedure
- Summary Data
- Import/Export
- Analysis
- Surveys
- Users
- Facility
- Group

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# Generic Add Events Screen

**Add Event**

Mandatory fields marked with \*

Fields required for record completion marked with \*\*

Fields required when in Plan marked with >

---

**Patient Information** HELP

Facility ID\*:  Event #: 3414666

Patient ID\*:

Social Security #:

Last Name:

Middle Name:

Gender\*:

Secondary ID:

First Name:

Ethnicity:

Date of Birth\*:

Race:  American Indian/Alaska Native  Asian  
 Black or African American  Native Hawaiian/Other Pacific Islander  
 White

---

**Event Information** HELP

Event Type\*:  Date of Event\*:

Post-procedure:

Location\*:

Date Admitted to Facility>:

---

**Risk Factors**

---

**Event Details**

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# Patient Information

## Add Event

Mandatory fields marked with \*

Fields required for record completion marked with \*\*

Fields required when in Plan marked with >

### Patient Information [HELP](#)

Facility ID\*:

Patient ID\*:

Social Security #:

Last Name:

Middle Name:

Gender\*:

Ethnicity:

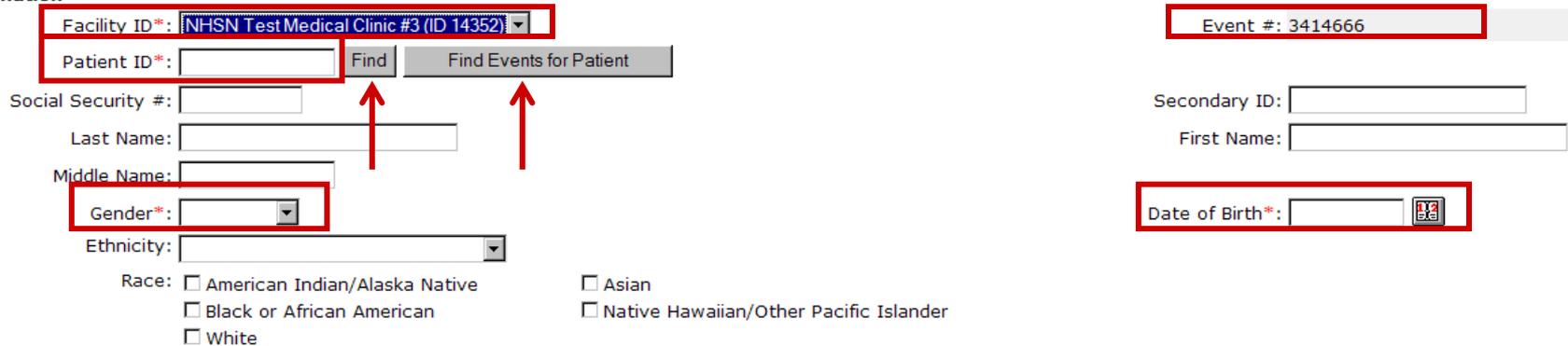
Race:  American Indian/Alaska Native  Asian  
 Black or African American  Native Hawaiian/Other Pacific Islander  
 White

Event #:

Secondary ID:

First Name:

Date of Birth\*:



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# Event Type

**Event Information** [?HELP](#)

Event Type\*:  Date of Event\*:  

Post-procedure:

Location\*:

Date Admitted to Facility>:

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**Risk Factors**

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**Event Details**

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**Pathogens**

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**Custom Fields**

Event Type\* dropdown menu:

- BJ - Bone and Joint Infection
- BSI - Bloodstream Infection
- CLIP - Central Line Insertion Practices
- CNS - Central Nervous System
- CVS - Cardiovascular
- DE - Dialysis Event
- EENT - Eye, Ear, Nose and Throat
- FLUVX - Influenza Vaccination
- GI - Gastrointestinal
- LABID - Laboratory-identified MDRO or CDAD Event**
- LRI - Lower Respiratory Infection
- PNEU - Pneumonia
- REPR - Reproductive Tract
- SSI - Surgical Site Infection
- SST - Skin and Soft Tissue
- SYS - Systemic
- UTI - Urinary Tract Infection

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# LabID Event Information

## Event Information

Event Type\*: LABID - Laboratory-identified MDRO or CDAD Event ▼

Date Specimen Collected\*: 08/15/2010 

Specific Organism Type\*: MRSA - MRSA ▼

Outpatient\*: N - No ▼

Specimen Body Site/Source\*: CARD - Cardiovascular/ Circulatory/ Lymphatics ▼

Specimen Source\*: BLDSPC - Blood specimen ▼

Date Admitted to Facility\*: 08/14/2010 

Location\*: SICU - SURGICAL ICU ▼

Date Admitted to Location\*: 08/14/2010 

Documented prior evidence of previous infection or colonization with this specific organism type from a previously reported LabID Event?: Y - Yes ▼

Has patient been discharged from your facility in the past 3 months?\*: N - No ▼

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# Custom Fields/Comments

Custom Fields [?HELP](#)

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Comments [?HELP](#)



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# LabID Event Saved

| NHSN - National Healthcare Safety Network  |   |
|--|---|
|  <b>NHSN Home</b> | Logged into NHSN Test Medical Clinic #3 (ID 14352) as ASHLIEWI.<br>Facility NHSN Test Medical Clinic #3 (ID 14352) is following the PS component. |
| <b>Reporting Plan</b>  |   |
| <b>Patient</b>   |   |
| <b>Event</b>   | <input checked="" type="checkbox"/> <b>Event 3419671 created successfully.</b>  |
| ▶ Add  |   |
| ▶ Find   |   |
| ▶ Incomplete   |   |
| <b>Procedure</b>   | Mandatory fields marked with *  |
|  | Fields required for record completion marked with **  |
| <b>Summary Data</b>  | Fields required when in Plan marked with >  |

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# Questions?

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