

**From:** NHSN (CDC)  
**Sent:** Tuesday, April 07, 2009 3:05 PM  
**To:** All NHSN Users

**Subject:** Entering MDRO OTH infections; Clarification of ABUTI criteria

Hello from NHSN,

We'd like to take this opportunity to clarify a few issues users have asked us about. Thanks to all of you who keep sending in such great questions so that we here at NHSN can help you use the system effectively.

I. Asymptomatic, Bacteremic, Urinary Tract Infection (ABUTI):

Because fever is not diagnostic for urinary tract infection in the elderly (greater than 65 years of age), the presence of a fever does NOT disqualify an individual in this age group from meeting the criteria for an ABUTI. For example, a febrile patient (greater than or equal to 38 degrees C) who is over 65 years of age and asymptomatic, who has a positive blood culture, and a urine culture greater than 100,000 CFU/ml with the same uropathogen, meets the criteria for an ABUTI. However, a patient 65 years of age or younger, in the same scenario, would not meet the criteria of an ABUTI.

II. Entering MDRO/CDAD Post Procedure Events for OTH Procedures

How do I enter an SSI under the MDRO module that occurred following an operative procedure that is not in the NHSN Operative Procedure Categories list?

Background: For the purpose of monitoring operative procedures for the presence of infections, NHSN has mapped all the ICD-9-CM procedure codes to one of 3 categories; the full list is available at <http://www.cdc.gov/ncidod/dhqp/pdf/nhsn/ICD-9-cmCODEScurrent.pdf>:

A. CDC-defined procedures: These procedures are grouped into categories (e.g., cardiac, C-section, spinal fusion, etc.) and can be monitored under the Procedure-associated module. A list of these procedures is included in Table 12: NHSN Operative Procedure Categories, which can be found in the Procedure-associated Module section of the NHSN Manual: Patient Safety Component Protocols. (NOTE: This will be Table 10 in the soon to be released NHSN updated manual which will appear on the new NHSN website when released).

Other procedures: These are procedures that meet the NHSN definition of an operative procedure but are not differentiated into CDC-defined categories. These have been given the code of OTH and cannot be included as in-plan events monitored under the Procedure-associated module. A short list of all the ICD-9-CM codes we have mapped to OTH has been extracted from the full list and is attached to this e-mail. It is designed to be a quick reference for you, especially if you use the import operative procedure data option of NHSN.

B. Non-operative procedures: These are procedures that do not meet the NHSN definition of an operative procedure. These have been given the code of NO and cannot be monitored under the Procedure-associated module.

If you are monitoring infections due to multidrug-resistant organisms using the MDRO & CDAD module, there will be times when an SSI with the MDRO under

surveillance needs to be reported. If the SSI follows an operative procedure that has an OTH designation, the dropdown list shown for the field NHSN Procedure Code on the Add Event screen will not contain a selection for the value OTH, thus keeping you from entering the SSI record.

**Solution:** Before trying to enter such SSI records, you should first create a custom procedure that will represent procedures in the other procedure category. Instructions for creating custom procedures are shown below and are also available in the Help system of the NHSN Reporting tool. You may create a single category, as shown in the example below (i.e., OTH \_ Other procedures), or as many as you like (e.g., OCVS \_ other cardiac surgery, OVS \_ other vascular surgery). (Note: Pennsylvania facilities have already created a custom procedure to represent all other procedures. It is called PAOTH and it can be selected when reporting MDRO module SSIs.)

We hope this is helpful for you and thank you for your continued participation in NHSN!

The NHSN Team

#### How to Create a Custom Procedure

Creating a custom procedure allows your facility to enter data on procedures that are not CDC-defined. Custom procedures can not be included in the Monthly Reporting Plan and NHSN comparative data will not be available.

1. On the navigation bar, click Facility, then click Customize Forms.
2. On the Custom Options screen, under Form Type select Custom-PS-Procedure.
3. Next, you will have to enter a form code. This can be any combination of 5 letters and/or numbers. This code is what you will see in the NHSN Operative Procedure Code list when you add a procedure, so make sure it is something you will recognize.
4. In the Description field, enter a short description of the custom procedure. For example, if the code you entered for your form is OTH, then your description could be Other.
5. Next, you can create custom fields for your custom procedure by adding the field labels. The NHSN allows you to create 2 date fields, 2 numeric fields, and 10 alphanumeric fields. Note that this is optional and custom fields are not a required piece of custom procedures.

--Data entered in these fields may be analyzed if they are entered in a consistent manner. For example, if you wish to include admission or discharge diagnosis for SSI, always use the same codes and enter them into the same field for each SSI.

--Data entered in custom fields will not be analyzed by the CDC.

--When you have completed adding optional custom fields, click Add. When your custom procedure has been created, you should see a message similar to the example provided at the bottom of the attached document (following the OTH code list).

## **NHSN Operative Procedure Codes Category OTH:**

(codes are divided by whole number and divisions are delineated by underlining for ease of use)

00.40, 00.56-00.57, 00.75-00.77,  
02.01-02.07, 02.94-02.95, 02.99,  
03.1, 03.4, 03.51-03.53, 03.59-03.6, 03.73-03.72, 03.79, 03.97-03.98,  
04.01-04.07, 04.12, 04.3, 04.71-04.76, 04.79, 04.91,  
05.21-05.25, 05.29, 05.81, 05.89-05.9,  
07.00-07.02, 07.21-07.22, 07.29-07.3, 07.80-07.84, 07.91-07.95, 07.98-07.99,  
08.01-08.02, 08.09, 08.20-08.25, 08.31-08.38, 08.51-08.52, 08.59, 08.61-08.64, 08.69-08.70,  
08.71-08.74, 08.81-08.87, 08.89,  
09.20-09.23, 09.3, 09.6, 09.73, 09.82-09.83,  
17.41-17.42, 17.45, 17.49,  
18.02, 18.09, 18.21, 18.29, 18.31, 18.39-18.4, 18.5, 18.6, 18.71-18.72, 18.79, 18.9, 20.21-  
20.23, 20.41-20.42, 20.49, 20.51, 20.59, 20.92, 20.95-20.99,  
21.1, 21.32, 21.4, 21.72, 21.82-21.87, 21.89,  
22.12, 22.31, 22.39,  
25.02,  
26.12, 26.30, 26.31-26.32,  
27.55-27.57,  
29.2, 29.31-29.33, 29.39-29.4, 29.51-29.54, 29.59, 29.92,  
30.09,  
31.5, 31.61-31.64, 31.69, 31.71-31.73, 31.75, 31.79, 31.91,  
33.50, 33.51-33.52, 33.6, 33.92-33.93,  
34.71-34.74, 34.79, 34.85,  
36.03, 36.31-36.33, 36.39, 36.91, 36.99,  
37.12, 37.61-37.67, 37.91 38.0,  
38.02-38.10, 38.13-38.16, 38.18, 38.30, 38.32-38.33, 38.35-38.40, 38.42-38.43, 38.45-38.50,  
38.52-38.53, 38.55, 38.57, 38.59-38.60, 38.62-38.63, 38.65-38.7, 38.80, 38.82-38.89,  
39.0, 39.1, 39.21-39.26, 39.30, 39.31-39.32, 39.41-39.43, 39.49-39.59, 39.8, 39.90-39.91,  
39.93-39.94,  
40.0, 40.21-40.24, 40.29-40.3, 40.50-40.54, 40.59, 40.61-40.64, 40.69, 40.9,  
41.98,  
42.01, 42.09-42.12, 42.19, 42.25, 42.31-42.32, 42.39-42.42, 42.51-42.56, 42.48-42.59, 42.61-  
42.66, 42.68-42.7, 42.82-42.87, 42.89, 42.91,  
43.3,  
44.00-44.03, 44.66-44.67, 44.91-44.92, 44.99,  
45.00, 45.50,  
46.42, 46.60-46.64, 46.79-46.82, 46.91-46.92, 46.99,  
47.11, 47.19,  
48.41, 48.72-48.73, 48.75-48.76,  
52.80-52.86,  
53.9,  
54.94,

55.53, 55.7, 55.81-55.87, 55.89, 55.97-55.99,  
56.0, 56.1, 56.2, 56.34, 56.40-56.42, 56.51-56.52, 56.61-56.62, 56.71-56.75, 56.79,  
56.81-56.86, 56.89, 56.95,  
57.12, 57.18-57.19, 57.21-57.22, 57.34, 57.51, 57.59-57.6, 57.71, 57.79, 57.81-57.89,  
57.91,  
58.39, 58.42-58.47, 58.49-58.5,  
59.00, 59.02-59.03, 59.09, 59.11-59.12, 59.19, 59.3, 59.4, 59.5, 59.6, 59.71, 59.79, 59.91-  
59.92,  
60.0, 60.72-60.73, 60.79, 60.81-60.82, 60.93,  
61.0, 61.2, 61.3, 61.41-61.42, 61.49, 61.92, 61.99,  
62.0, 62.12, 62.2, 62.3, 62.41-62.42, 62.5, 62.61, 62.69-62.7, 62.91-62.92, 62.99,  
63.1, 63.2, 63.3, 63.4, 63.51-63.53, 63.59-63.6, 63.7-63.73, 63.81-63.85, 63.89, 63.92-  
63.95, 63.99,  
64.41-64.45, 64.49-64.5, 64.91-64.99,  
65.99,  
66.01-66.02, 66.31-66.32, 66.39-66.4, 66.51-66.52, 66.61-66.63, 66.69, 66.71-66.74,  
66.79, 66.92-66.94, 66.97, 66.99,  
67.4, 67.51,  
68.0, 68.13-68.14, 68.21-68.22, 68.29, 68.19,  
69.21-69.23, 69.29-69.3, 69.41-69.42, 69.49,  
70.4, 70.50, 68.8, 68.9, 70.51-70.55, 70.61-70.64, 70.72-70.75, 70.78, 70.8, 70.93-70.95,  
71.01, 71.09, 71.5, 71.61-71.62, 71.71-71.72, 71.79-71.8, 71.9,  
75.50, 75.52, 75.61-75.62, 75.93,  
76.01, 76.09, 76.2, 76.31, 76.39, 76.41-76.46, 76.5, 76.61-76.70, 76.72, 76.74, 76.76-76.77,  
76.79, 76.91-76.92, 76.97,  
77.00-77.39, 77.51-77.54, 77.56-78.79,  
78.00-78.09, 78.20, 78.22-78.25, 78.27-78.3, 78.32-78.35, 78.37, -78.79, 78.90-78.99,  
79.10-79.20, 79.23-79.24, 79.27-79.30, 79.33-79.34, 79.37-79.39, 79.50, 79.59-79.69,  
79.80-79.99,  
80.00-80.19, 80.40-80.49, 78.90-78.99, 80.6, 80.70-80.99,  
81.10-81.18, 81.20-81.29, 81.40, 81.42-81.47, 81.49, 81.56-81.57, 81.59, 81.71-81.75,  
81.79-81.85, 81.93-81.97,  
82.01-82.04, 82.09, 82.11-82.12, 82.19, 82.21-82.22, 82.29, 82.31-82.36, 82.39, 82.41-  
82.46, 82.51-82.59, 82.61, 82.69, 82.71-82.72, 82.79, 82.81-82.86, 82.89, 82.91, 82.99,  
83.01-83.03, 83.09, 83.11-83.14, 83.19, 83.31-83.32, 83.39, 83.41-83.45, 83.49-83.50,  
83.61-83.65, 83.71-83.77, 83.79, 83.81-83.89, 83.91-83.93,  
84.21-84.30, 84.40, 84.48, 84.52-84.59, 84.71-84.73, 84.92-84.93, 84.99,  
85.24-85.25, 85.82-85.87, 85.89, 85.99,  
86.03-86.07, 86.09, 86.40, 86.60-86.63, 86.65-86.67, 86.69, 86.70-86.75, 86.81-86.86,  
86.89, 86.91, 86.93-86.98,



- NIHHS Home
- Reporting Plans
- Patient
- Event
- Procedure
- Summary Data
- Analysis
- Surveys
- Users
- Facility
  - Customize Forms
  - Export Data
  - Facility Info
  - Add/Edit Component
  - Locations
  - Surveys
- Group
- Log Out

Signed in as **Walter Reed Army Medical Center (33 10227)** as **WAMC**. Facility **Walter Reed Army Medical Center (33 10227)** is following the DE component.

### Custom Options

The custom option 'OTH' has been successfully added.

[Close](#)

#### Instructions

- To **Add** a record, fill in the form with the required fields and any desired option values. Then click on the **Add** button.
- To **Find** a record, click on the **Find** button. One or more fields can be filled in to restrict the search to these values.
- To **Edit** a record, perform a **Find** on the desired record. Click on the desired record to fill in its values into the form and edit the values. To save the changes, click on the **Save** button.
- To **Delete** one or more records, perform a **Find** on the desired record(s). Check the corresponding box(es), then click on the **Delete** button.
- Press the **Clear** button to start over with a new form.

Mandatory fields to "Add" or "Edit" a record marked with \*

#### Custom Form

1. To create a custom form, select one of the Custom choices from the Form Type drop down list.
2. Enter a code and description for the custom form type into the Form and Description fields, respectively.
3. Enter labels for any custom fields you wish to have displayed on the screen.

#### Custom Field Labels

1. To label custom fields for any existing form, select the Form Type and Form from the drop down lists.
2. If one of the Summary Data forms is selected, it may be customized by location by selecting a value from the Your Location Code drop down list.
3. Enter labels for any custom fields you wish to have displayed on the screen.

Form Type\*:

Form \*\*:

Description\*:

Status\*:

**Date**

Label 1:  Label 2:

**Numeric**

Label 1:  Label 2:

**Alphanumeric**

Label 1:  Label 2:

Label 3:  Label 4:

Label 5:  Label 6:

Label 7:  Label 8:

Label 9:  Label 10:

#### Custom Options Table

First | Previous | Next | Last Displaying 1 - 1 of

<input type="checkbox"/>	Status	Form Type	Form	Description	Location
<input type="checkbox"/>	Active	Custom - PS - Procedure	OTH	OTHER	

First | Previous | Next | Last Displaying 1 - 1 of