

Adding and Editing Surgical Site Infection (SSI) Events and Procedures in the NHSN Application

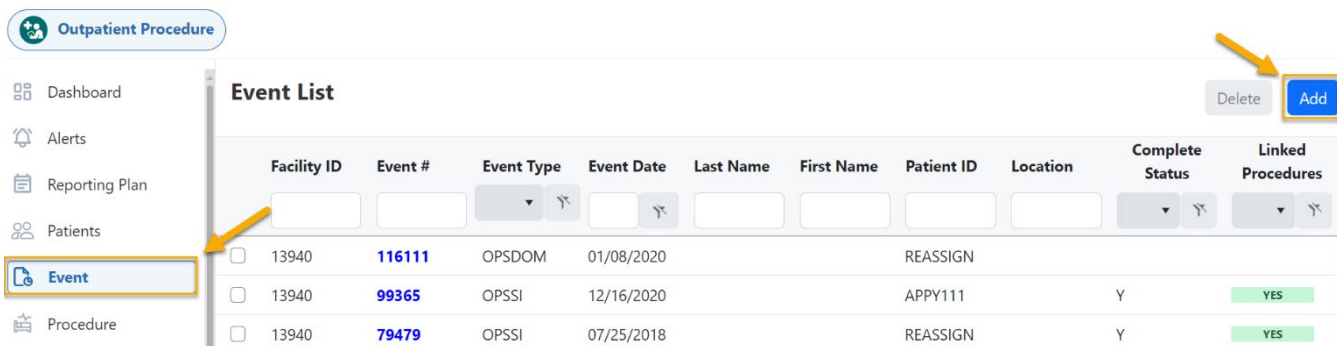
Outpatient Procedure Component

Note: These instructions assume your facility is enrolled with NHSN.

Background: The Outpatient Procedure Component (OPC) is designed for use by Ambulatory Surgery Centers (ASCs). Surveillance for operative procedure(s) may focus on high risk and/or high-volume procedures. In addition, ASCs should use sound risk assessment practices as well as considerations for mandated reporting requirements to determine which operative procedure(s) to monitor. ASCs may voluntarily enroll in OPC-SSI, but federal, state or organizational mandates supersedes voluntary enrollment and individual ASCs must verify and comply with mandated SSI reporting requirements.

Adding Surgical Site Infection (SSI) Events in the NHSN Application

1. To add Surgical Site Infection (SSI) Events:
 - a. Click **Event** on the left-hand side of the Outpatient Procedure Component (OPC) Home Page
 - b. Select **Add** in the upper right-hand corner



The screenshot shows the NHSN Outpatient Procedure Component interface. On the left, a navigation menu includes 'Dashboard', 'Alerts', 'Reporting Plan', 'Patients', 'Event', and 'Procedure'. The 'Event' menu item is highlighted with a yellow box and an arrow. The main content area is titled 'Event List' and contains a table with the following data:

	Facility ID	Event #	Event Type	Event Date	Last Name	First Name	Patient ID	Location	Complete Status	Linked Procedures
<input type="checkbox"/>	13940	116111	OPSDOM	01/08/2020			REASSIGN			
<input type="checkbox"/>	13940	99365	OPSSI	12/16/2020			APPY111		Y	YES
<input type="checkbox"/>	13940	79479	OPSSI	07/25/2018			REASSIGN		Y	YES

In the top right corner of the 'Event List' section, there are 'Delete' and 'Add' buttons. The 'Add' button is highlighted with a yellow arrow.

2. You will now be directed to the **Add Event** page.
 - a. Select **Lookup Patient** to locate the patient or manually enter patient information
 - b. Select SSI Events, then select the **OPSSI-Surgical Site Infection** option from the **Event Type** drop-down list

Add Event Back Save

Patient A → Lookup Patient

Patient Information

Facility ID* Patient ID* Date of Birth*

Last Name Gender*

More Details ▾

Event B

Event Information

Event Number Date of Event* Event Type* OPSSI - Surgical Site Infection
OPSDOM - Same Day Outcome Measures

3. Additional event-specific fields will populate. At minimum, complete the fields marked with a red asterisk *

Add Event Back Save

Event

Event Information

Event Number Date of Event* Event Type*

Location Date of Encounter*

Procedure Information Procedure Not Linked Link Procedure

NHSN Procedure Code:* CPT Code:* Procedure Date:*

SSI Details

SSI Level* SSI Event Detected*

Additional Details

Died** Contributed to Death

Pathogens

Pathogens Identified*

To link an SSI Event with a Procedure, select the **Link Procedure** button. Note: Procedure denominator data must be entered in the NHSN application prior to following the below steps:

Procedure Information

Procedure Not Linked **Link Procedure**

NHSN Procedure Code:* CPT Code:* Procedure Date:*
 month/day/year

- Check the box to the left of the desired Procedure
- Select the **Link Procedure** button
- If a procedure was successfully linked, the **Procedure Linked** Procedure Linked button will be green
- Click Save in upper right corner and the green **Successfully saved Event** message will appear

Link Event

<input type="checkbox"/>	Procedure Number	NHSN Procedure Code	CPT Code	Procedure Date	Linked Events
<input type="checkbox"/>	TSA		23472	2020-12-09	
<input type="checkbox"/>	KPRO		27447	2020-01-03	
<input type="checkbox"/>	BRST		11970	2024-01-08	

Link Cancel

Add Event Back Save

☑ Successfully saved Event.

- To view all linked procedures, click on the **Event** tab on the left-hand navigation bar and **YES** will be highlighted in green on the right side under **Linked Procedures**
Note: Linked procedures can be sorted by clicking in the Link Procedures box

Event List Delete Add

Event #	Event Type	Event Date	Last Name	First Name	Patient ID	Location	Complete Status	Linked Procedures
<input type="checkbox"/> 131166	OPSSI	02/06/2024			APPY111			YES
<input type="checkbox"/> 131165	OPSSI	02/06/2024			APPY111			YES
<input type="checkbox"/> 131164	OPSSI	02/06/2024			APPY111			YES
<input type="checkbox"/> 131103	OPSSI	05/14/2024			APPY111			YES
<input type="checkbox"/> 130956	OPSSI	05/22/2024			FT4567			YES
<input type="checkbox"/> 116111	OPSDOM	01/08/2020			REASSIGN			YES
<input type="checkbox"/> 99365	OPSSI	12/16/2020			APPY111		Y	YES
<input type="checkbox"/> 79479	OPSSI	07/25/2018			REASSIGN		Y	YES

Page 1 of 1 10 items per page 1 - 8 of 8 items

Editing Surgical Site Infection (SSI) Events in the NHSN Application

1. To edit Surgical Site Infection (SSI) Events click **Event** on the left-hand side of the Outpatient Procedure Component (OPC) Home Page. In this view, events can be viewed at a higher level
 - a. Click the **Event #** hyperlink. You will be redirected to the **Edit Event** page

Event #	Event Type	Event Date	Last Name	First Name	Patient ID	Location	Complete Status	Linked Procedures
131166	OPSSI	02/06/2024			APPY111			YES
131165	OPSSI	02/06/2024			APPY111			YES
131164	OPSSI	02/06/2024			APPY111			YES
131103	OPSSI	05/14/2024			APPY111			YES
130956	OPSSI	05/22/2024			FT4567			YES
116111	OPSDOM	01/08/2020			REASSIGN			
99365	OPSSI	12/16/2020			APPY111		Y	YES
79479	OPSSI	07/25/2018			REASSIGN		Y	YES

2. On the **Edit Event** page, you can modify Patient and Event Information fields. Reminder that at a **minimum**, fields marked with a red asterisk * must be completed

Edit Event

Event Information

Event Number: of Event*

Event Type: OPSSI - Surgical Site Infection

Location:

Date of Encounter:

Procedure Information

This Procedure is In Plan. This event must be linked to an existing procedure.

NHSN Procedure Code*: BRST - Breast surgery

CPT Code*: 11970

Procedure Date*: 01/08/2024

SSi Details

SSi Level: SIP - Superficial Incisional Primary

SSi Event Detected: Active surveillance - SSI was identified through the facility's active surveillance process

Signs & Symptoms

Pusulent drainage or material

Pain or tenderness

Localized swelling

Erythema or redness

Heat

Incision deliberately opened/drained

Laboratory

Organism(s) identified

Culture or non-culture based testing not performed

Clinical Diagnosis

Diagnosis of superficial SSI by surgeon or attending physician

Active Detection Method (check all that apply)

Review of a patient's medical record

Post-discharge surgeon survey

Post-discharge patient letter

Post-discharge phone call

Cooperative infection prevention process between facilities

Additional Details

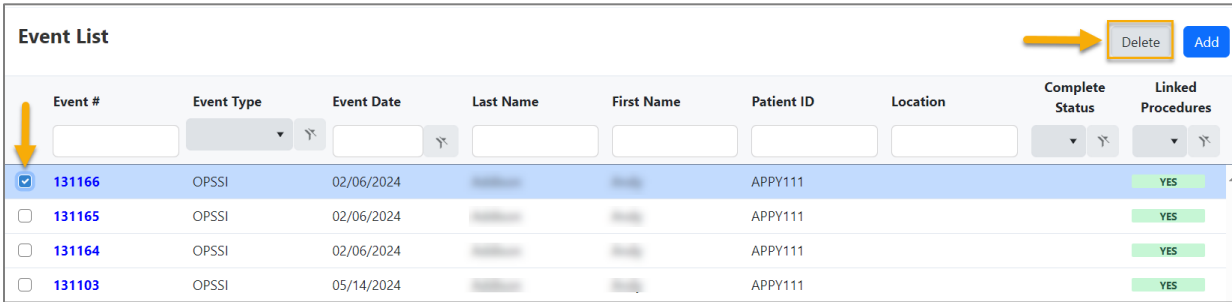
Died**:

Contributed to Death:

Pathogens

Pathogens Identified:

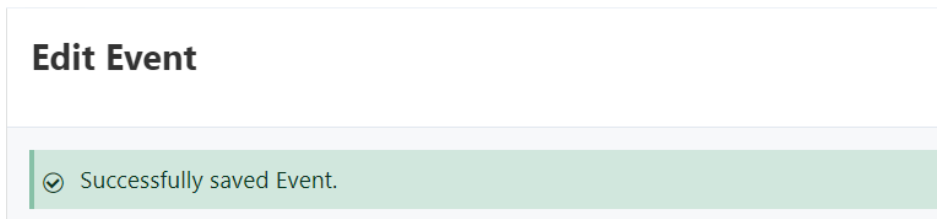
3. To delete an event, click the checkbox to the left of the event, then select the **Delete** button



Event #	Event Type	Event Date	Last Name	First Name	Patient ID	Location	Complete Status	Linked Procedures
<input checked="" type="checkbox"/>	131166	OPSSI	02/06/2024			APPY111		YES
<input type="checkbox"/>	131165	OPSSI	02/06/2024			APPY111		YES
<input type="checkbox"/>	131164	OPSSI	02/06/2024			APPY111		YES
<input type="checkbox"/>	131103	OPSSI	05/14/2024			APPY111		YES

4. Once the event edits are finalized, select the **Save** button at the bottom of the page. You will be redirected to the **View Event** page

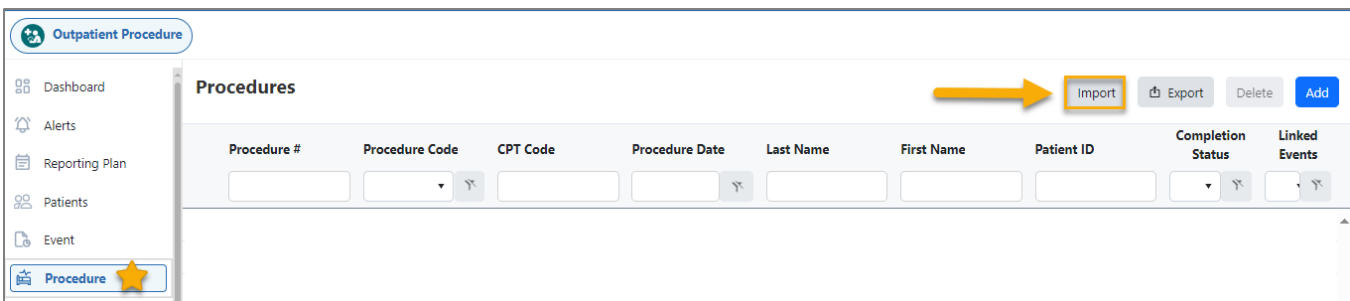
5. If the event was edited and saved successfully a green banner will appear at the top of the **View Event** page



Adding Surgical Site Infection (SSI) Procedures in the NHSN Application via .CSV Upload

1. Surgical Site Infection (SSI) Procedures can also be added via .CSV upload:

a. Click **Procedure** on the left-hand side navigation bar and click **Import**

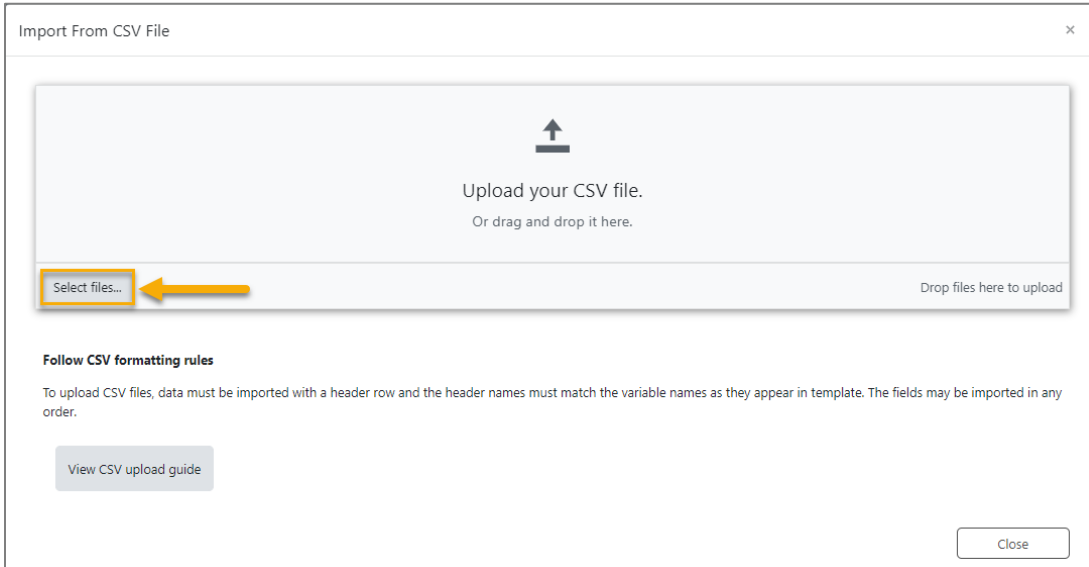


Outpatient Procedure

Procedures

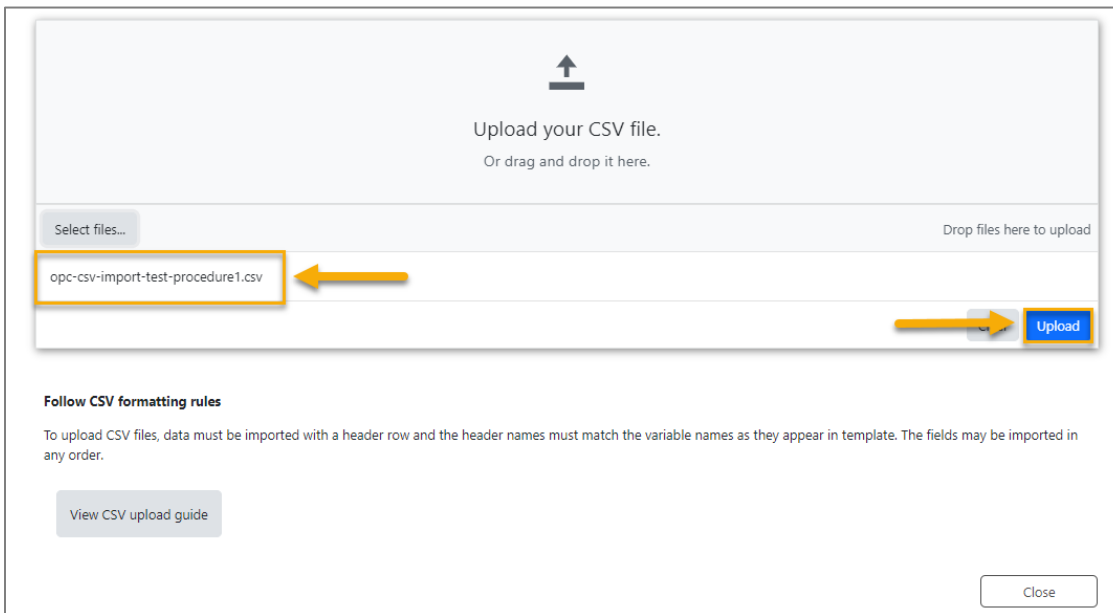
Procedure #	Procedure Code	CPT Code	Procedure Date	Last Name	First Name	Patient ID	Completion Status	Linked Events
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

b. Click **Select files...** to open your file explorer where you will select your saved .CSV file

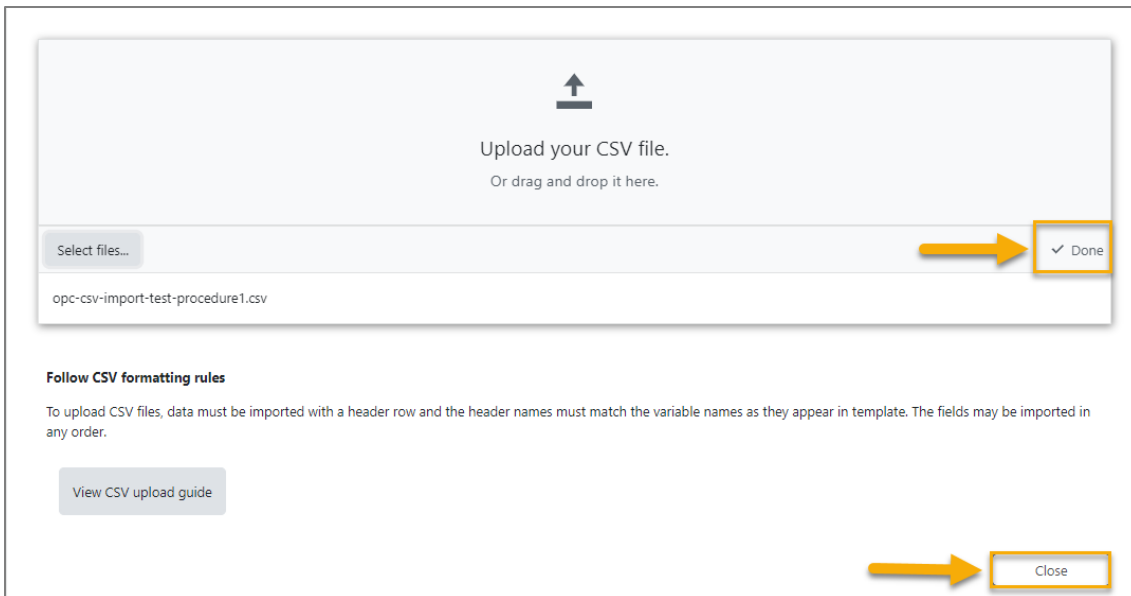


c. Once you have selected your .CSV file, it will appear in the window

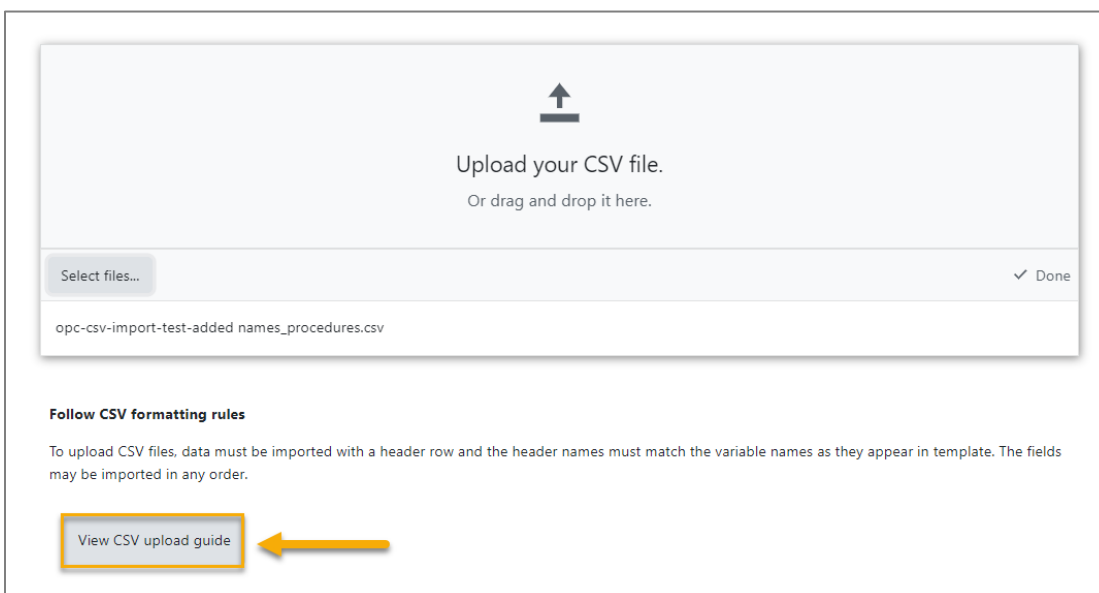
i. Click **Upload** to upload your file



d. **Done** will appear on the right side when your file has been uploaded and then click **Close** to go back to the **Procedure** page



2. You will be directed back to the **Procedures** page where you will see your uploaded procedure
3. By default, records in the import file will be accepted under the following conditions:
 - a. Procedure date occurs in a month for which a Monthly Reporting Plan exists, and
 - b. The Monthly Reporting Plan specifies the procedure code in the import file record.
4. For assistance with .CSV file formatting, NHSN procedure codes, and recommendations for importing procedure data select the [View CSV upload guide](#) icon on the **Import from CSV File** page, a **NHSN Resource Guide – Importing Procedure Data for Outpatient Procedure Component using a Comma-Separated Value (.csv) File** will open.



Additional Resources

If you have any questions, please use NHSN-ServiceNow to submit questions to the NHSN Help Desk. If you do not have a SAMS login or are unable to access ServiceNow, you can still email the NHSN Help Desk at nhsn@cdc.gov with 'OPC Adding/Editing SSI Events and Procedures Assistance' in the subject line.

