



Back to the Basics: OPC SSI and SDOM 101

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NHSN Protocol and Training Team

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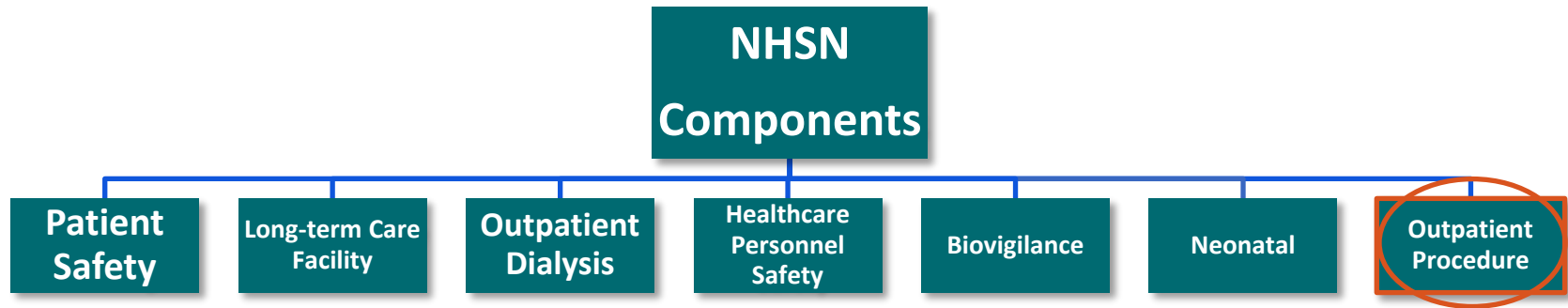
Objectives

By the end of this presentation, you will be able to:

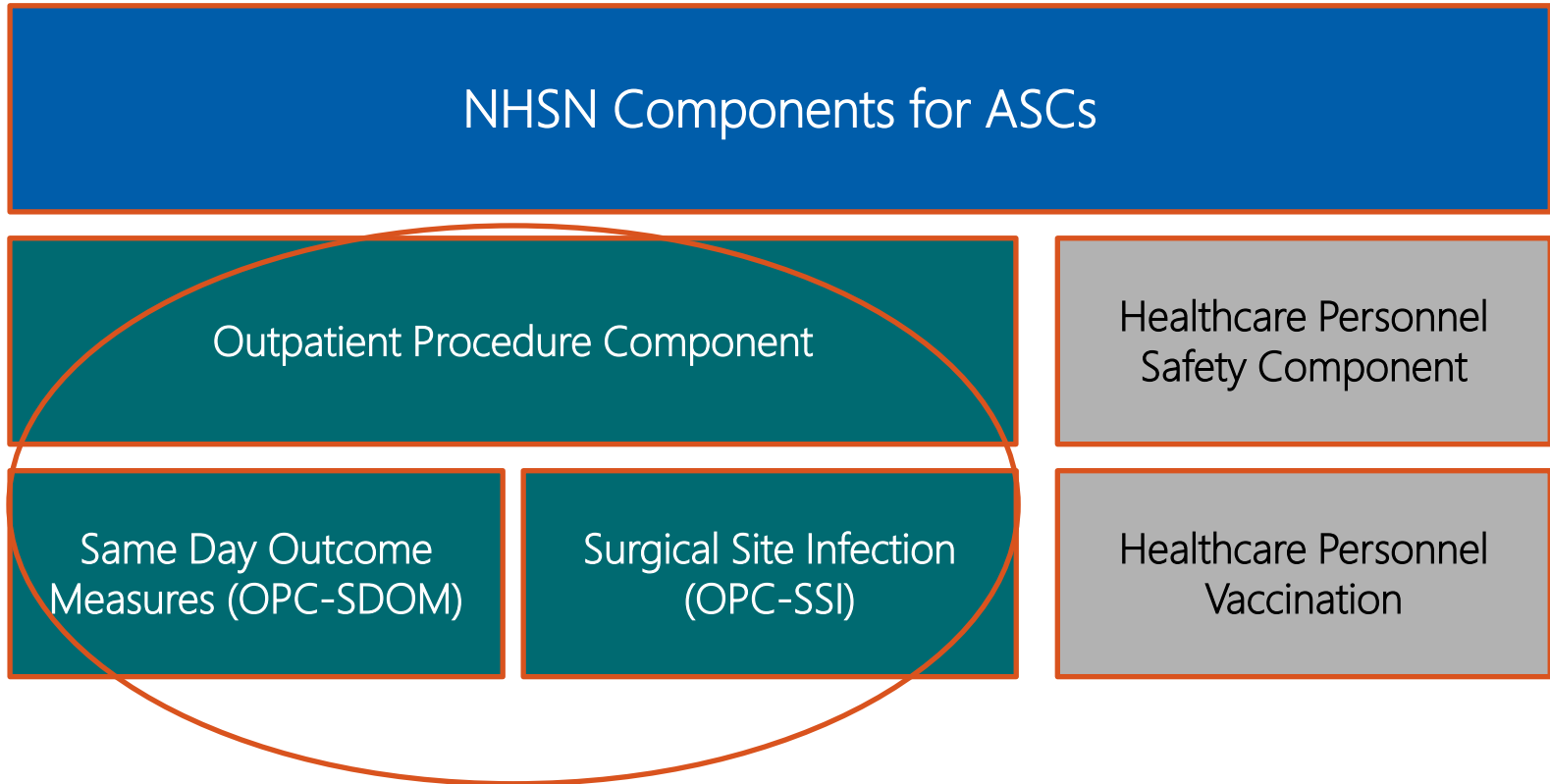
- Navigate the NHSN application to enter SSI and SDOM events
- Locate tools and resources on the NHSN Outpatient Procedure Component (OPC) webpage to assist with SSI and SDOM surveillance
- Understand how the Outpatient Procedure Component (OPC) can be used in your Ambulatory Surgery Center to improve patient safety and patient outcomes by monitoring for adverse outcomes
- Learn what's coming soon to the OPC

Introduction

NHSN Family of Components



Components available for ASCs



Important enrollment criteria

To enroll in NHSN OPC as an Ambulatory Surgery Center (ASC) the **3rd digit** of the CMS Certification Number (CCN) **should be “C”**. This identifies the facility as an ASC.


The CCN is an alphanumeric 10-digit number; the first two digits represent the state identification number. The third digit is an alpha character that identifies the type of facility. The remaining 7-digits are the unique facility identifier.

If the CCN is not known, the facility may use the National Provider Identifier (NPI) Number “Lookup Tool” found at <https://www.qualityreportingcenter.com/asc/data/ccn/> to cross-reference their CCN.

CCN example

Examples:

ASC	10C0001062
CLIA	45D0634589
Portable X-Ray	21X0009807



<https://www.cms.gov/Regulations-and-Guidance/Guidance/Transmittals/downloads/R29SOMA.pdf>

If the CCN is not known, the facility may use the National Provider Identifier (NPI) Number “Lookup Tool” found at <https://www.qualityreportingcenter.com/asc/data/ccn/> to cross-reference their CCN.

Intent of OPC

- Designed to address the unique needs of the outpatient for ASC
- Help facilities fulfill reporting requirement related to infection prevention

Are ASCs Required to Report?

- NHSN does not mandate reporting.
- NHSN is a mechanism for collecting and analyzing surveillance data, based on what a facility chooses to enter.
- The decision to use NHSN OPC depends on:
 - Your facility internal risk assessment
 - Required reporting by your state or other organizations

Monthly Reporting Plan

Monthly Reporting Plan (MRP)

“In-plan” & “Off-plan”

- MRP - informs NHSN which OPC modules will be used during a given month.
- If a module is included in the MRP, this is an agreement to follow the details of the module in its entirety.

In-plan

- ✓ Module included in the MPR.
- ✓ NHSN surveillance protocol(s) will be used, in its entirety.
- ✓ Data included in NHSN annual reports or other NHSN publications.

Off-plan

- ✓ Module **NOT** included in the MPR.
- ✓ NHSN surveillance protocol(s) is **NOT** required to be used, in its entirety.
- ✓ Data **NOT** included in NHSN annual reports or other NHSN publications.

Adding a Monthly Reporting Plan

The screenshot displays the NHSN Outpatient Procedure Component Home Page. On the left is a vertical navigation menu with the following items: NHSN Home, Alerts, Reporting Plan, Patient, Event, Procedure, Summary Data, Import/Export, Surveys, Analysis, Users, Facility, Group, and Logout. A red circle with the number '1' is positioned over the 'Reporting Plan' menu item. A dropdown menu is open from 'Reporting Plan', containing 'Add' and 'Find'. A red circle with the number '2' is positioned over the 'Add' option. The main content area of the page has a light blue header with the NHSN logo and the text 'NHSN Outpatient Procedure Component Home Page'. Below the header, the text 'COMPLETE THESE ITEMS' is displayed. Underneath, there is a section titled 'ALERTS' which contains a white box with a yellow left border and a purple right border, labeled 'Missing Events'.

Adding a Monthly Reporting Plan

Enter all mandatory fields marked with a red asterisk.

3



Add Monthly Reporting Plan

Mandatory fields marked with *

Facility ID *:

Month *:

Year *:

No NHSN Outpatient Reporting this month

Adding a Monthly Reporting Plan

Complete the Same Day Quality Measures and Surgical Site Infection (SSI) Surveillance Sections.

4

Same Day Quality Measures

Same Day Outcome Measures

Surgical Site Infection (SSI) Surveillance

Targeted SSI surveillance for specific NHSN Operative Procedure Categories

5

Actions	Specify which procedure category(ies) is (are) being monitored (list all that apply):	SSI
	<input type="text"/>	OUT: <input type="checkbox"/>

6

Adding a Same Day Outcome Measure (SDOM)

What is a Same Day Outcome Measure

Reminder:

All patient encounters are included in surveillance

Surveillance for SDOM

Monitor **all patient** encounters for the following events:

- Burn prior to discharge from the ASC
- Fall within the ASC
- Wrong site, side, patient, procedure or implant while admitted to the ASC (Wrong)
- Transfer or admission to a hospital upon discharge from the ASC

Encounter

Any patient visit to an ASC where the patient **completes the registration** process upon entry into the facility. Some ASCs may refer to this as an admission into the facility.

Same Day Outcome Measure

**SDOM can be reported
for any procedure,
including non-NHSN procedures.**



SDOM-PATIENT BURN

Burn

Unintended tissue injury caused by any of the six recognized mechanisms: scalds, contact, fire, chemical, electrical or radiation, (for example, warming devices, prep solutions, electrosurgical unit or laser).

Let's look at an example:

Mr. Kline is admitted to Eyecare ASC and has a cataract procedure performed. During the procedure, the phaco needle became clogged causing thermal damage (burn) to the cornea. The surgery was still able to be completed and a suture was placed on the burn wound.

SDOM-PATIENT FALL

Fall	A sudden, uncontrolled, unintentional, downward displacement of the body to the ground or other object, excluding falls resulting from violent blows or other purposeful actions. (National Center for Patient Safety).
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Let's look at an example:

Ms. Sinclair is admitted to Metro ASC and has a KPRO performed. After the procedure, she was being transferred to a wheelchair and became lightheaded and dizzy. She fell to the floor. She did not lose consciousness and no injuries were identified. Later that day, Ms. Sinclair was discharged home.

SDOM- “WRONG” EVENT

Wrong

Procedure is performed in a way that is not consistent with what is documented in the informed consent for a patient - not in accordance with intended site, side, patient, procedure or implant

Example:

Mr. Levine was admitted to Downtown ASC for a right knee prosthesis (KPRO) due to severe osteoarthritis-the patient signed informed consent for the right knee prosthesis. Upon waking from anesthesia, the patient notes severe left knee pain and discovered the KPRO was performed to the left knee.

SDOM-ALL CAUSE HOSPITAL TRANSFER/ADMISSION

Hospital transfer/admission

Any transfer/admission from an ASC directly to an acute care hospital including hospital emergency room.

Example:

Mrs. Waldon was admitted to Smalltown ASC for right foot amputation (AMP). The procedure was performed without incident. Approximately, 8 hours after the procedure, she began having severe left sided chest pain that radiated down the left arm, nausea and shortness of breath. The patient was transferred by ambulance to Smalltown Hospital ED to determine if she was having a myocardial infarction.

SDOM Reporting Instructions

For each patient that experiences a SDOM event during an ASC encounter, complete an *Outpatient Procedure Component Same Day Outcome Measures Event* form ([CDC 57.402](#)) and select the appropriate event by checking the corresponding box.

- a. If the same patient experiences more than one event of a **different measure** during the same encounter all events should be recorded on the same event form. Example: a patient experiences a fall and a burn during the same encounter.
- b. If a patient experiences more than one event of the **same measure** during the same encounter record only one event of that measure type for the encounter. Example: a patient has multiple wrong site procedures or multiple falls.
- c. If **no events occur during an encounter** no Outpatient Procedure Component Same Day Outcome Measures Event form ([CDC 57.402](#)) should be completed

Concurrent Surveillance

- Initiated while the patient is still under the care of the organization
- Surveillance ends at discharge

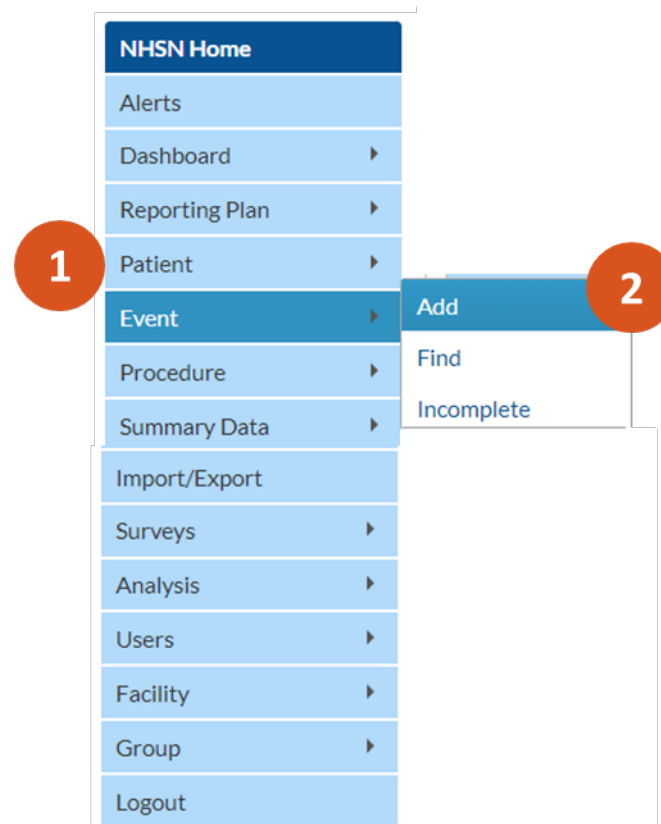
Events can be entered into NHSN as they occur, or after the end of the month

Adding a SDOM Event




In NHSN left menu

1. Click Event
2. Select Add



Adding a SDOM Event

Enter all mandatory fields marked with a red asterisk.

 **Add Event** 3

Mandatory fields marked with *

Fields required for record completion marked with **

Fields required when in Plan marked with >

Patient Information

<p>Facility ID *: <input type="text" value="You Facility Name"/> ▾</p> <p>Patient ID *: <input type="text"/> <input type="button" value="Find"/> <input type="button" value="Reassign"/> <input type="button" value="Find Events for Patient"/></p> <p>Secondary ID: <input type="text"/></p> <p>Last Name: <input type="text"/></p> <p>Middle Name: <input type="text"/></p> <p>Gender *: <input type="text" value=""/> ▾</p> <p>Ethnicity: <input type="text" value=""/> ▾</p> <p>Race:</p> <table border="0"><tr><td><input type="checkbox"/> American Indian/Alaska Native</td><td><input type="checkbox"/> Asian</td></tr><tr><td><input type="checkbox"/> Black or African American</td><td><input type="checkbox"/> Native Hawaiian/Other Pacific Islander</td></tr><tr><td><input type="checkbox"/> White</td><td></td></tr></table>	<input type="checkbox"/> American Indian/Alaska Native	<input type="checkbox"/> Asian	<input type="checkbox"/> Black or African American	<input type="checkbox"/> Native Hawaiian/Other Pacific Islander	<input type="checkbox"/> White		<p>Event #: <input type="text"/></p> <p>Social Security #: <input type="text"/></p> <p>Medicare #: <input type="text"/></p> <p>First Name: <input type="text"/></p> <p>Date of Birth *: <input type="text" value=""/> <input type="button" value="3"/></p>
<input type="checkbox"/> American Indian/Alaska Native	<input type="checkbox"/> Asian						
<input type="checkbox"/> Black or African American	<input type="checkbox"/> Native Hawaiian/Other Pacific Islander						
<input type="checkbox"/> White							

Adding a SDOM Event

Complete Event Information, all mandatory fields marked with a red asterisk.

4

Event Information

Event Type *: **OPSDOM - Same Day Outcome Measures** ←

Date of Event *:

Same Day Outcome Measures

Specify Event * (check all that apply)

<input type="checkbox"/> Patient burn	<input type="checkbox"/> Patient fall	<input type="checkbox"/> Hospital transfer/admission
Wrong Event: (check any that apply)		
<input type="checkbox"/> Wrong side	<input type="checkbox"/> Wrong patient	<input type="checkbox"/> Wrong procedure
<input type="checkbox"/> Wrong site	<input type="checkbox"/> Wrong implant	

Comments

↓

[Save](#) [Back](#)

Adding a Surgical Site Infection (SSI)

Reminder: What is an SSI?

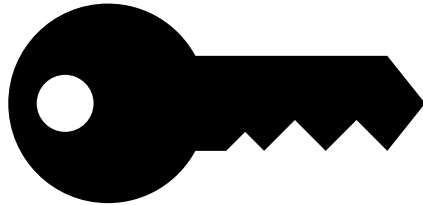
An infection (superficial, deep or organ/space) that develops in the surveillance period following an NHSN operative procedure.



Key Term: NHSN Operative Procedure

Defined as an operative procedure that

- is included in the NHSN **Current Procedural Terminology (CPT)** code mapping
and
- has **at least one incision** (including laparoscopic approach)
and
- takes place **in an operating room (OR)** or room meeting OR standards.



Surgical Site Infection Reporting: Specifications

- OPC-SSI criteria is similar to the NHSN Patient Safety Component (PSC) surveillance protocol
- Variables are similar – fewer reporting fields in OPC-SSI
- Enables SSI reporting for all types of SSIs included in state reporting mandates

Differences between PSC and OPC

Reporting Detail	Patient Safety	Outpatient Procedure
ASA Score	✓	✓*
Height	✓	✓
Weight	✓	✓
Diabetes	✓	✓
Wound Class	✓	✓
Trauma	✓	--
Emergency	✓	--
General Anesthesia	✓	✓

*Only report procedures with ASA scores.

Differences between PSC and OPC

Reporting Detail	Patient Safety	Outpatient Procedure
Duration	✓	✓
Closure Technique	✓	--
FUSN Spinal Level & Approach	✓	--
HPRO & KPRO procedure details (Primary vs Revision and Total vs Partial)	✓	--
Chapter 17 Site-specific reporting	✓	--
“Present at the time of surgery” (PATOS)	✓	--
Number of Procedure Categories	39	30
Procedure code field is required	--	✓

NHSN Operative Procedure Categories that are NOT Available Using OPC

- abdominal aortic aneurysm repair (AAA)
- cardiac surgery (CARD)
- coronary artery bypass grafts (CBGB)
- chest and donor site and (CBGC – chest only)
- craniotomy (CRAN)
- cesarean section (CSEC)
- heart transplant (HTP)
- kidney transplant (KTP)
- liver transplant (LTP)

General SSI Criteria

Surgical Site Infection (SSI) Criteria

Table 4A: General OPC-SSI Criteria

APPLY TO ALL OPERATIVE PROCEDURE CATEGORIES EXCEPT BREAST SURGERY (BRST). *USE BREAST SURGERY (BRST) - SURGICAL SITE INFECTION CRITERIA FOR SSIs ATTRIBUTABLE TO BRST.*

OPC General – Superficial Incisional SSI

Must meet the following criteria:

Date of event for infection occurs within 30 days after any NHSN operative procedure (where day 1 = the procedure date)

AND

involves only skin and subcutaneous tissue of the incision

AND

patient has at least **one** of the following:

- a. purulent drainage from the superficial incision.
- b. organisms identified from an aseptically-obtained specimen from the superficial incision or subcutaneous tissue by a culture or non-culture based microbiologic testing method which is performed for purposes of clinical diagnosis or treatment (for example, not Active Surveillance Culture/Testing [ASC/AST]).
- c. superficial incision that is deliberately opened by a surgeon, physician or physician designee and culture or non-culture based testing of the superficial incision or subcutaneous tissue is not performed.

and

patient has at least one of the following signs or symptoms: localized pain or tenderness; localized swelling; erythema; or heat.

- d. diagnosis of a superficial incisional SSI by a physician or physician designee.

Comments: The two specific types of superficial incisional SSI are:

SSI Criteria for Breast Surgery (BRST)

Table 4B: Breast Surgery (BRST) Surgical Site Infection Criteria

The Breast Surgery (BRST) Surgical Site Infection instructions apply to surgical site infections (SSIs) during the 30-day (superficial SSI) and 90-day (deep and organ/space SSI) postoperative periods following BRST-Breast Surgery performed in Ambulatory Surgery Centers. *Use General OPC-SSI criteria for all operative procedures except breast surgery (BRST).*

OPC BRST - Superficial incisional SSI

Must meet the following criteria:

Date of event for infection occurs within 30 days after a BRST; where day 1 = the procedure date

AND

involves either the skin, subcutaneous tissue (for example, fatty tissue) or breast parenchyma (for example, milk ducts and glands that produce milk) at the incision

AND

patient has at least one of the following:

- a. purulent drainage from the superficial incision.
- b. organisms identified from an aseptically-obtained specimen from the superficial incision or subcutaneous tissue by a culture or non-culture based microbiologic testing method which is performed for purposes of clinical diagnosis or treatment (for example, not Active Surveillance Culture/Testing [ASC/AST]).
- c. superficial incision that is deliberately opened by a surgeon, physician or physician designee and culture or non-culture based testing of the superficial incision or subcutaneous tissue is not performed.

and

patient has at least **one** of the following signs or symptoms: localized pain or tenderness; localized swelling; redness (erythema); or heat. A culture or non-culture based test that has a negative finding does not meet this criterion.

- d. diagnosis of a superficial incisional SSI by a physician or physician designee.

Why is there a separate SSI criteria for Breast Surgery (BRST)?

- Breast procedures identified as highest volume and highest SSI risk among ASCs reporting into NHSN
- Measure specifications developed by CDC/NHSN & ASC QC
- Measure field tested by Colorado Department of Public Health and Environment (CDPHE)



NHSN Operative Procedure Categories

- 30 procedure categories
- 30-day and 90-day surveillance periods



Table 3. Surveillance Periods for SSIs Following Selected NHSN Operative Procedure Categories. Day 1 = the date of the procedure.

30-day Surveillance			
Code	Operative Procedure	Code	Operative Procedure
AMP	Limb amputation	NECK	Neck surgery
APPY	Appendix surgery	NEPH	Kidney surgery
AVSD	Shunt for dialysis	OVRY	Ovarian surgery
BILI	Bile duct, liver or pancreatic surgery	PRST	Prostate surgery
CEA	Carotid endarterectomy	REC	Rectal surgery
CHOL	Gallbladder surgery	SB	Small bowel surgery
COLO	Colon surgery	SPLE	Spleen surgery
GAST	Gastric surgery	THOR	Thoracic surgery
HYST	Abdominal hysterectomy	THYR	Thyroid and/or parathyroid surgery
LAM	Laminectomy	VHYS	Vaginal hysterectomy
		XLAP	Exploratory Laparotomy

90-day Surveillance	
Code	Operative Procedure
BRST	Breast surgery
FUSN	Spinal fusion
FX	Open reduction of fracture
HER	Herniorrhaphy
HPRO	Hip prosthesis
KPRO	Knee prosthesis
PACE	Pacemaker surgery
PVBY	Peripheral vascular bypass surgery
VSHN	Ventricular shunt

OPC Surgical Site Infection Module

- Any of the 30 NHSN operative procedure category(s) can be monitored.
- All procedures within the selected operative procedure category must be monitored.

Numerator	SSI for the selected procedure category
Denominator	Total number of procedures for the selected procedure category

Denominator (Procedure) Reporting

In order to add an SSI Event, you must first have entered the Operative Procedure to which the SSI is attributed/linked (Denominator)



Denominator (Procedure) Reporting

Procedure data may be entered:

- Manually for each procedure
- Via comma-separated values (.csv) file

The screenshot displays a web form titled "Add Procedure" with a blue header. Below the header, there are instructions: "Mandatory fields marked with *" and "Fields required when in Plan marked with >". The form is organized into three main sections: "Patient Information", "Procedure Information", and "Procedure Details".

Patient Information

- Facility ID *: JE_AMB-SURG_TestFacility (ID 54536) [dropdown]
- Patient ID *: [text input] [Find] [Find Procedures for Patient]
- Secondary ID: [text input]
- Last Name: [text input]
- Middle Name: [text input]
- Gender *: [dropdown]
- Ethnicity: [dropdown]
- Race: American Indian/Alaska Native Asian
 Black or African American Native Hawaiian/Other Pacific Islander
 White
- Procedure #: [text input]
- Social Security #: [text input]
- Medicare #: [text input]
- First Name: [text input]
- Date of Birth *: [date input]

Procedure Information

- NHSN Procedure Code *: [dropdown]
- CPT Code *: [text input]
- Procedure Date *: [date input] [Link/Unlink to Event]

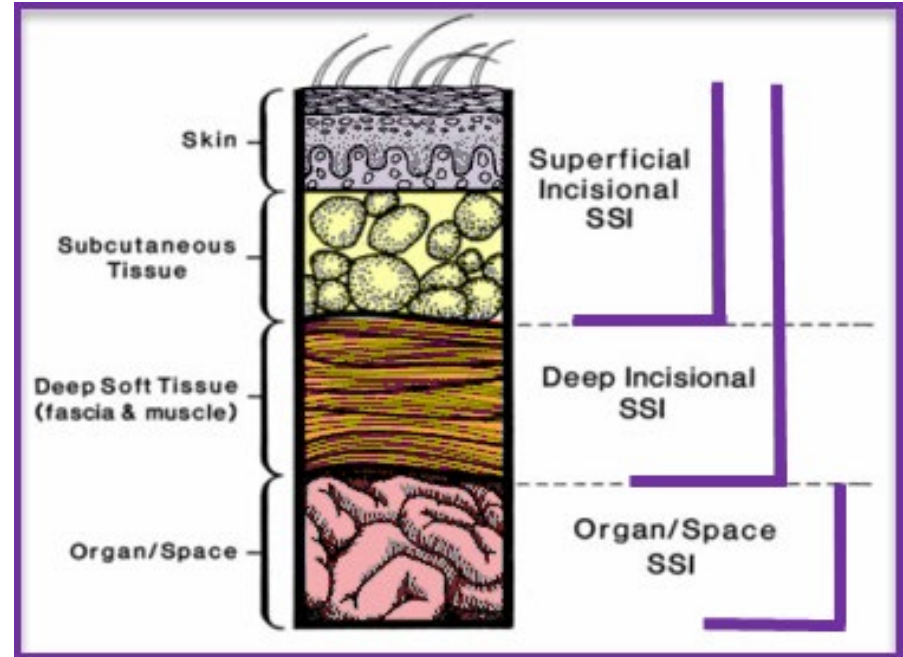
Procedure Details

- Duration (Hrs:Mins) *: [time input]
- Wound Class *: [dropdown] General Anesthesia *: [dropdown]
- ASA Score *: [dropdown]
- Scope *: [dropdown]
- Diabetes Mellitus *: [dropdown]
- Surgeon Code: [dropdown]
- Height *: [text input] or [text input] m
- Weight *: [text input] lbs or [text input] kg BMI [text input]

OPC Surgical Site Infection Module

SSIs are identified as:

- *Superficial Incisional SSI*
- *Deep Incisional SSI*
- *Organ/Space SSI*

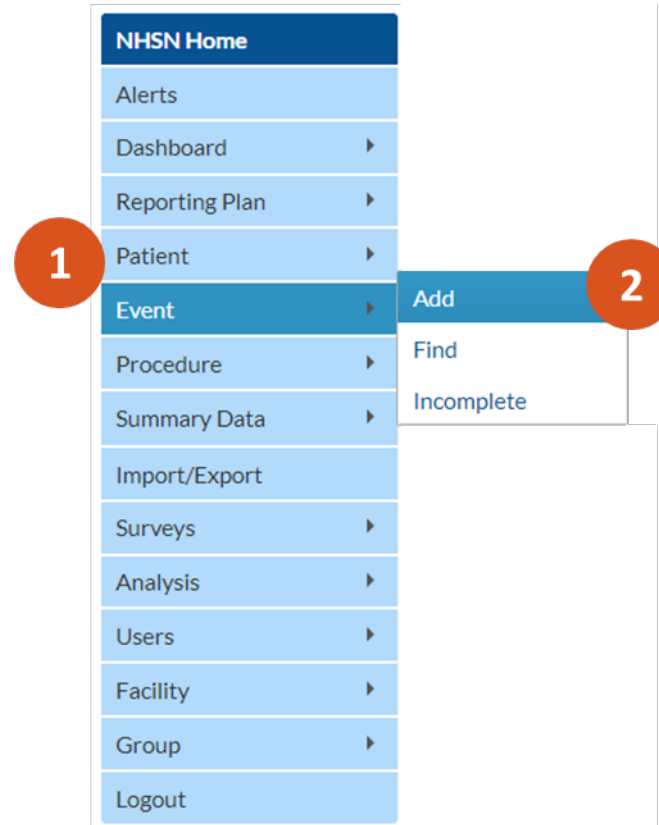


Adding an SSI Event



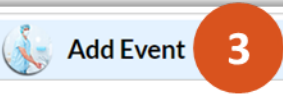
In NHSN left menu

1. Click Event
2. Select Add



Adding an SSI Event

Enter all mandatory fields marked with a red asterisk.



Mandatory fields marked with *

Fields required for record completion marked with **

Fields required when in Plan marked with >

Patient Information

Facility ID *:	<input type="text" value="You Facility Name"/>	Event #:	<input type="text"/>
Patient ID *:	<input type="text"/> <input type="button" value="Find"/> <input type="button" value="Reassign"/> <input type="button" value="Find Events for Patient"/>	Social Security #:	<input type="text"/>
Secondary ID:	<input type="text"/>	Medicare #:	<input type="text"/>
Last Name:	<input type="text"/>	First Name:	<input type="text"/>
Middle Name:	<input type="text"/>	Date of Birth *:	<input type="text"/> <input type="button" value="3"/>
Gender *:	<input type="text"/>		
Ethnicity:	<input type="text"/>		
Race:	<input type="checkbox"/> American Indian/Alaska Native		
	<input type="checkbox"/> Black or African American		
	<input type="checkbox"/> White		
	<input type="checkbox"/> Asian		
	<input type="checkbox"/> Native Hawaiian/Other Pacific Islander		

Completing the SSI Event Information Section

Complete Event Information, all mandatory fields marked with a red asterisk.

4

Event Information

Event Type *: OPSSI - Surgical Site Infection

NHSN Procedure Code *: KPRO - Knee prosthesis

CPT Code *: 27440

Procedure Date *: 02/01/2023 Event Linked

Location:

Date of Encounter *: 02/01/2023

SSI Level *: OS - Organ Space

Date of Event *: 02/23/2023

Specify Criteria Used * (check all that apply)

Signs & Symptoms (check all that apply)

Any patient

- Abscess
- Erythema or redness
- Fever
- Heat
- Incision deliberately opened/drained
- Localized swelling
- Pain or tenderness
- Purulent drainage or material
- Wound spontaneously dehisces
- Other evidence of infection found on invasive procedure, gross anatomic exam, or histopathologic exam

Laboratory

- Organism(s) identified
- Culture or non-culture based testing not performed
- Imaging test consistent with infection

Clinical Diagnosis

- Diagnosis of superficial SSI by surgeon or attending physician

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

(check all that apply)

- Review of patient's medical record
- Post-discharge surgeon survey
- Post-discharge patient letter
- Post-discharge phone call
- Cooperative infection prevention process between facilities

Passive surveillance - The facility became aware of the SSI through passive means that were not initiated by facility

Died **: N - No

Pathogens Identified *: N - No



Outpatient Procedure Component Website Navigation

Landing Page for ASCs

<https://www.cdc.gov/nhsn/opc/index.html>

The screenshot shows the NHSN OPC landing page. At the top is a dark green header with the text "National Healthcare Safety Network (NHSN)". Below this is a breadcrumb trail "CDC > NHSN Home". A left-hand navigation menu lists various NHSN components, each with a plus sign to its right: NHSN Home, NHSN Login, About NHSN, Enroll Facility Here, CMS Requirements, Change NHSN Facility Admin, Resources by Facility, Patient Safety Component, Long-term Care Facility Component, Dialysis Component, and Biovigilance Component. The main content area is titled "Outpatient Procedure Component (OPC)" and includes a "Print" link. Below the title is a paragraph explaining that the OPC is used to track and monitor surgical site infections and non-infection adverse events in Ambulatory Surgery Centers, noting that Hospital outpatient procedure departments (HOPD) are not included. A section titled "Facilities Reporting in OPC" contains a link to "Ambulatory Surgery Centers". On the right side, there is a dark green box titled "New Users" containing three links: "Enroll New Facility" (with a plus icon), "OPC Training" (with a computer icon), and "Educational Roadmap" (with a circular arrow icon). At the bottom, an "OPC Manual" section features two links: "2023 OPC Manual" (with a PDF icon) and "2022 OPC Manual" (with a PDF icon).

National Healthcare Safety Network (NHSN)

CDC > NHSN Home

[NHSN Home](#)

[NHSN Login](#)

[About NHSN](#) +

[Enroll Facility Here](#) +

[CMS Requirements](#) +

[Change NHSN Facility Admin](#)

[Resources by Facility](#) +

[Patient Safety Component](#) +

[Long-term Care Facility Component](#) +

[Dialysis Component](#) +

[Biovigilance Component](#) +

Outpatient Procedure Component (OPC)

[Print](#)

Use the Outpatient Procedure Component (OPC) to track and monitor surgical site infections and non-infection adverse events, in Ambulatory Surgery Centers. Hospital outpatient procedure departments (HOPD) are not included.

Facilities Reporting in OPC

[Ambulatory Surgery Centers](#)

New Users

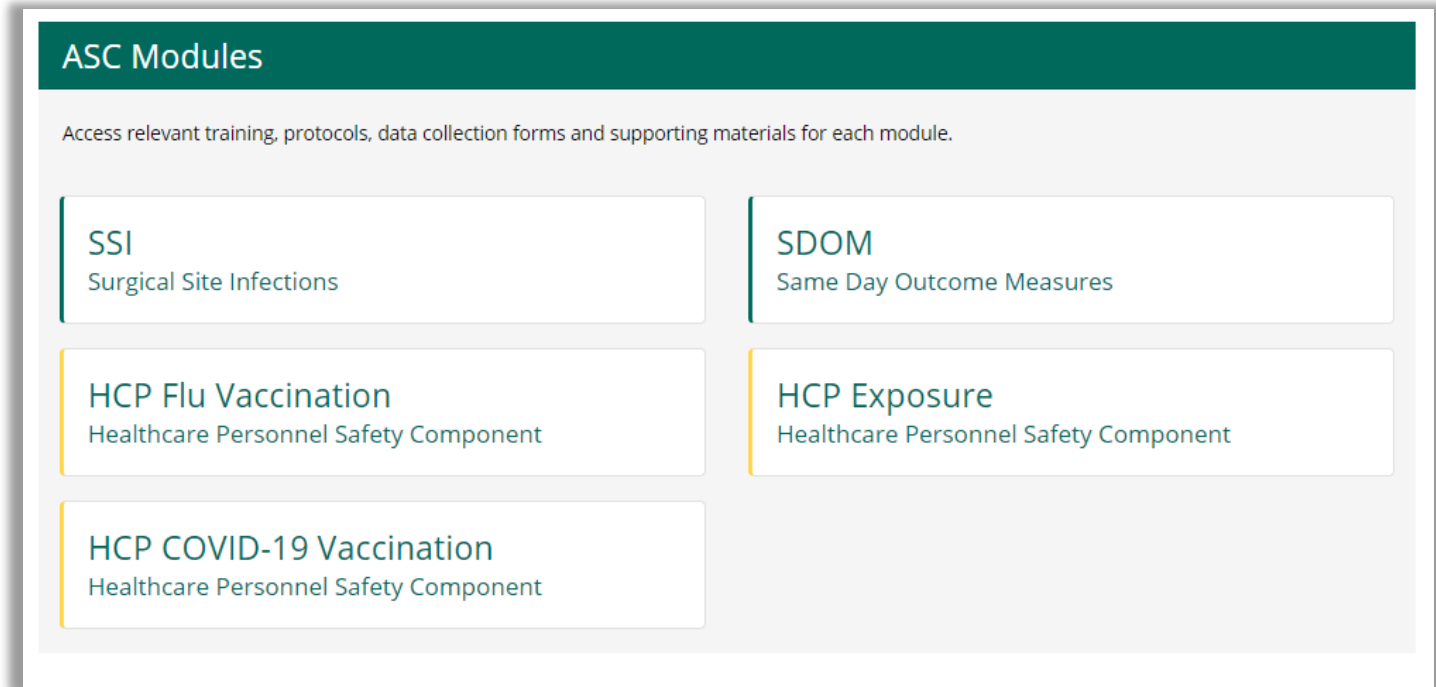
- [Enroll New Facility](#)
- [OPC Training](#)
- [Educational Roadmap](#)

OPC Manual

- [2023 OPC Manual](#) [PDF - 1 MB]
- [2022 OPC Manual](#) [PDF - 1,002 KB]

Landing Page for ASCs

<https://www.cdc.gov/nhsn/opc/index.html>



ASC Modules

Access relevant training, protocols, data collection forms and supporting materials for each module.

- SSI**
Surgical Site Infections
- SDOM**
Same Day Outcome Measures
- HCP Flu Vaccination**
Healthcare Personnel Safety Component
- HCP Exposure**
Healthcare Personnel Safety Component
- HCP COVID-19 Vaccination**
Healthcare Personnel Safety Component

[Healthcare Personnel Safety Component \(HPS\) | NHSN | CDC](https://www.cdc.gov/nhsn/hps/index.html)

<https://www.cdc.gov/nhsn/hps/index.html>

Landing Page for ASCs: Surgical Site Infections

<https://www.cdc.gov/nhsn/opc/ssi/index.html>

The screenshot shows the CDC NHSN website interface. At the top left is the CDC logo and the text "Centers for Disease Control and Prevention CDC 24/7: Saving Lives. Protecting People™". To the right is a search bar labeled "Search NHSN" with a magnifying glass icon. Below this is a dark green header with the text "National Healthcare Safety Network (NHSN)". Underneath is a breadcrumb trail: "CDC > NHSN Home > Outpatient Procedure Component".

The main content area is divided into a left sidebar and a main column. The sidebar contains a home icon and the text "NHSN Home", followed by a list of links: "NHSN Login", "About NHSN" (with a plus sign), "Enroll Facility Here" (with a plus sign), "CMS Requirements" (with a plus sign), "Change NHSN Facility Admin", "Resources by Facility" (with a plus sign), "Patient Safety Component" (with a plus sign), "Long-term Care Facility Component" (with a plus sign), "Dialysis Component" (with a plus sign), and "Biovigilance Component" (with a plus sign).

The main column features the title "Surgical Site Infections (SSI)" with a "Print" link below it. Underneath is the section "Protocols" containing three links: "OPC Surgical Site Infection Protocol – January 2023" (with a PDF icon and "[PDF – 1 MB]"), "2023 Summary of Updates" (with a PDF icon and "[PDF – 162 KB]"), and "Supporting Chapters" which includes "NHSN Overview – January 2023" (with a PDF icon and "[PDF – 350 KB]"), "OPC Monthly Reporting Plan and Annual Facility Survey – January 2023" (with a PDF icon and "[PDF – 100 KB]"), and "OPC Key Terms – January 2023" (with a PDF icon and "[PDF – 250 KB]").

On the right side of the main column, there are three stacked boxes: "OPC Training", "Educational Roadmap", and "Supporting Materials". The "Supporting Materials" box contains a link "Instructions for Copying Patient Safety Component SSI Data to a Local Computer or Hard-drive" (with a PDF icon and "[PDF – 400 KB]"), followed by the text: "These instructions should be used to copy Patient Safety Component SSI data (SSI event and procedure) to your local computer or hard-drive."

Landing Page for ASCs: Same Day Outcome Measures

<https://www.cdc.gov/nhsn/opc/sdom/index.html>

The screenshot shows the CDC NHSN website interface. At the top left is the CDC logo and the text "Centers for Disease Control and Prevention CDC 24/7: Saving Lives, Protecting People™". To the right is a search bar labeled "Search NHSN". Below this is a dark green header with the text "National Healthcare Safety Network (NHSN)". Underneath is a breadcrumb trail: "CDC > NHSN Home > Outpatient Procedure Component".

The main content area is titled "Same Day Outcome Measures (SDOM)". Below the title is a "Print" link. To the right of the title are three buttons: "OPC Training", "Educational Roadmap", and "Analysis Resources".

On the left side, there is a navigation menu with the following items: "NHSN Home", "NHSN Login", "About NHSN", "Enroll Facility Here", "CMS Requirements", "Change NHSN Facility Admin", "Resources by Facility", "Patient Safety Component", "Long-term Care Facility Component", and "Dialysis Component".

The main content area also features a "Protocols" section with the following links and file sizes:

- [OPC Same Day Outcome Measures - January 2023](#) [PDF - 300 KB]
- [2023 Summary of Updates](#) [PDF - 162 KB]

Below the protocols is a "Supporting Chapters" section with the following links and file sizes:

- [NHSN Overview - January 2023](#) [PDF - 350 KB]
- [OPC Monthly Reporting Plan and Annual Facility Survey - January 2023](#) [PDF - 100 KB]
- [OPC Key Terms - January 2023](#) [PDF - 250 KB]

Landing Page for ASCs: Analysis Resources


https://www.cdc.gov/nhsn/opc/ssi/index.html#anchor_1591824220931

Analysis Resources


[Viewing Patient Safety Component Data in OPC – August 2019](#)  [PDF – 500 KB]

[Resolving Alerts in OPC – August 2019](#)  [PDF – 250 KB]

[How to Generate Data Sets – October 2020](#)  [PDF – 300 KB]

[How to Filter Data by Time Period – October 2019](#)  [PDF – 350 KB]

[How to Modify a Report – October 2019](#)  [PDF – 500 KB]

[Line List of Excluded Outpatient Procedures from SIR – October 2019](#)  [PDF – 450 KB]

[NHSN's Guide to the SIR – February 2021](#)  [PDF – 2 MB]

- [SIR Guide Addendum: SSI SIR Models – July 2021](#)  [XLS – 98 KB]

Landing Page for ASCs: Training

<https://www.cdc.gov/nhsn/training/opc/index.html>

The screenshot shows the NHSN Training landing page for Outpatient Procedure Component (OPC) training. The page is titled "National Healthcare Safety Network (NHSN) Training" and includes a navigation menu on the left with categories like NHSN Home, NHSN Demo, Resources for Users New to NHSN, NHSN Educational Roadmaps, NHSN Analysis, and various components such as Biovigilance Component (BV), Dialysis Component, Healthcare Personnel Safety Component (HPS), Long-term Care Facility Component (LTCF), Neonatal Component Training, Outpatient Procedure Component (OPC), Patient Safety Component (PSC), Continuing Education, and Request CDC Led Training. The main content area is titled "Outpatient Procedure Component Training" and is divided into "Self-paced Training" and "Training Videos".

Outpatient Procedure Component Training

Self-paced Training

Same Day Outcome Measures

- [OPC - Same Day Outcome Measure](#) [CBT - 33 min]

Surgical Site Infections

- [OPC - SSI Part 1: Reporting Requirements](#) [CBT - 35 min]
- [OPC - SSI Part 2: Infection Criteria](#) [CBT - 35 min]
- [OPC - SSI Part 3: Reporting Instructions](#) [CBT - 43 min]
- [OPC - SSI Part 4: Data Analysis and Post-discharge Surveillance](#) [CBT - 37 min]

Training Videos

Outpatient Procedure Component (OPC) Case Scenario - May 2020

- [YouTube Link \(Video - 60 min\)](#)
- [Slideset](#) [PDF - 11 MB]

Outpatient Procedure Component (OPC) and Analysis - May 2019

- [YouTube Link \(Video - 82 min\)](#)
- [Slideset - OPC Component](#) [PDF - 5 MB]
- [Slideset - OPC Analysis](#) [PDF - 2 MB]

On This Page

Self-paced Training

Training Videos

See Also

- [SSI Events](#)
- [SDOM Events](#)
- [Analysis Resources](#)

OPC Roadmap
A step-by-step guide to OPC surveillance for new users.

Get Email Updates

To receive email updates about this page, enter your email address:

[What's this?](#)

NHSN Helpdesk

Benefits of using OPC

Benefits to using OPC for SDOM and SSI

- The OPC-SSI protocol was created specifically for ASCs
- Centralized system for collecting and analyzing adverse event data
- Minimize reporting burden for ASCs while assuring data are validated, credible, and actionable
- Provides an opportunity to analyze multiple payer data
- Monitor outcome of adherence to infection prevention/control clinical practice guidelines and strategies

Benefits to using OPC for SDOM and SSI

- Track incidence of surgical site infections and other adverse healthcare outcomes
- Enable use of surveillance data for:
 - Measuring clinical quality and benchmarking performance against nationally aggregated data
 - Exerting positive change(s) in patient care practices
 - Public reporting and other accountability purposes
 - Building knowledge related to infection risk in the ASC environment

Coming Soon to the OPC

New User Toolkit

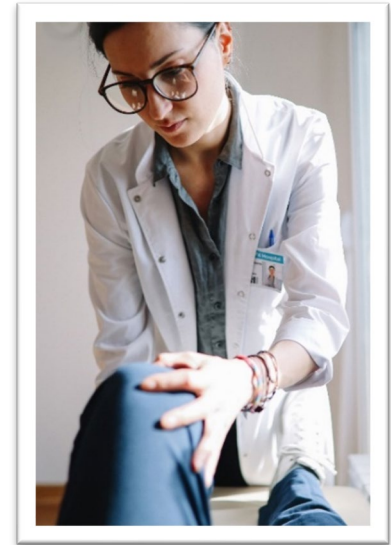
Full of useful guides, tips and tricks to help new OPC users complete some of the following tasks:

- Log in
- Complete Annual Survey
- Add/Edit Monthly Reporting Plans
- How to perform SSI/SDOM surveillance
- Entering SSI and SDOM events
- Entering denominator data
- How to address alerts
- Creating custom options
- Analysis of SSI and SDOM data
-And More!



KPRO (Knee Prosthesis) Measure

- This measure will specifically provide a surveillance definition following NHSN qualifying KPRO procedure
- Roll out of this measure will be 2023



**For any questions or concerns,
contact the NHSN Helpdesk at nhsn@cdc.gov**

For more information please contact Centers for Disease Control and Prevention

1600 Clifton Road NE, Atlanta, GA 30333

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E-mail: cdcinfo@cdc.gov Web: www.cdc.gov

The findings and conclusions in this report are those of the authors and do not necessarily represent the official position of the Centers for Disease Control and Prevention.

