

## Post-discharge Notification of Surgical Site Infection (SSI)

Dear doctor, please complete this notification form to detect infection of the operation that happened after patient discharge. This is to help for proper estimation of surgical site infection rate and implementation of proper control measures.

### Patient information

Patient ID:	
Patient name:	Nationality: <input type="checkbox"/> K <input type="checkbox"/> NK
Gender: <input type="checkbox"/> M <input type="checkbox"/> F	Date of birth: : ____/____/____ (dd/ mm/ yyyy)
Name of operation:	Date of operation: ____/____/____ (dd/ mm/ yyyy)
Hospital where the operation done:	Hospital File number:
Date of detection of infection (wheather by patient or doctor): ____/____/____ (dd/ mm/ yyyy)	
Reporting facility: <input type="checkbox"/> Hospital OPD <input type="checkbox"/> Hospital casualty <input type="checkbox"/> Primary health care Center <input type="checkbox"/> Other (specify)-----	
Type of SSI: <input type="checkbox"/> Superficial incisional SSI <input type="checkbox"/> Deep incisional SSI <input type="checkbox"/> Organ/Space SSI	

Please see definitions on back of form

### SSI Event

#### Specify Criteria Used: (check all that apply)

#### Signs & Symptoms

- Purulent drainage or material
- Pain or tenderness
- Localized swelling
- Redness
- Heat
- Fever (temperature 38<sup>0</sup> c or more)
- Incision deliberately opened by surgeon
- Wound spontaneously dehisces
- Abscess

#### Laboratory

- Positive culture of aspirated fluid or swab
- Not cultured
- Positive blood culture
- Positive gram stain
- Other positive laboratory tests Per organ /space specific site criteria
- Imaging test evidence of infection

#### Clinical Diagnosis

- Physician diagnosis of SSI
- Physician institutes appropriate antimicrobial therapy

Pathogens Identified:  Yes  No If yes specify pathogens .....

Attending physician's signature.....

Attending nurse's signature.....

## Definitions of SSI

### Superficial incisional SSI

Must meet the following criterion:

Infection occurs within 30 days after the selected operative procedure (the operations to be followed up are listed in the attached table)

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 isolated from an aseptically-obtained culture of fluid or tissue from the superficial incision.
- c. superficial incision that is deliberately opened by a surgeon and is culture-positive or not cultured

and

Patient has at least one of the following signs or symptoms: pain or tenderness; localized swelling; redness; or heat. A culture negative finding does not meet this criterion.

- d. diagnosis of a superficial incisional SSI by the surgeon or attending physician.

### Deep incisional SSI

Must meet the following criterion:

Infection occurs within 30 or 90 days after the operative procedure according to the list in attached table

and

involves deep soft tissues of the incision (e.g., fascial and muscle layers)

and

patient has at least one of the following:

- a. purulent drainage from the deep incision.
- b. a deep incision that spontaneously dehisces or is deliberately opened by a surgeon and is culture-positive or not cultured

and

patient has at least one of the following signs or symptoms: fever (>38°C); localized pain or tenderness. A culture-negative finding does not meet this criterion.

- c. an abscess or other evidence of infection involving the deep incision that is found on direct examination, during invasive procedure, or by histopathologic examination or imaging test.
- d. diagnosis of a deep incisional SSI by a surgeon or attending physician.

### Organ/Space SSI

Must meet the following criterion:

Infection occurs within 30 or 90 days after the operative procedure according to the list in the attached Table.

and

infection involves any part of the body, excluding the skin incision, fascia, or muscle layers, that is opened or manipulated during the operative procedure.

and

patient has at least one of the following:

- a. purulent drainage from a drain that is placed into the organ/space.
- b. organisms isolated from an aseptically-obtained culture of fluid or tissue in the organ/space.
- c. an abscess or other evidence of infection involving the organ/space that is found on direct examination, during invasive procedure, or by histopathologic examination or imaging test.
- d. diagnosis of an organ/space SSI by a surgeon or attending physician.

and

meets at least one criterion for a specific organ/space infection site.

## Operative Procedure Categories to be notified for Development of SSI

	<b>Operative Procedure</b>	<b>Description</b>	<b>Follow up period for Deep Incisional or Organ/Space SSI</b>
BRST	Breast surgery	Excision of lesion or tissue of breast including radical, modified, or quadrant resection, lumpectomy, incisional biopsy, or mammoplasty	<b>90-day</b>
CBGB	Coronary artery bypass graft with <b>both</b> chest and donor site incisions	Chest procedure to perform direct revascularization of the heart; includes obtaining suitable vein from donor site for grafting	<b>90-day</b>
CHOL	Gallbladder surgery	Cholecystectomy and cholecystotomy	<b>30-day</b>
COLO	Colon surgery	Incision, resection, or anastomosis of the large intestine; includes large-to-small and small-to-large bowel anastomosis; does not include rectal operations	<b>30-day</b>
CRAN	Craniotomy	Excision repair, or exploration of the brain or meninges; does not include taps or punctures	<b>90-day</b>
HPRO	Hip prosthesis	Arthroplasty of hip	<b>90-day</b>
HYST	Abdominal hysterectomy	Abdominal hysterectomy; includes that by laparoscope	<b>30-day</b>
KPRO	Knee prosthesis	Arthroplasty of knee	<b>90-day</b>
LAM	Laminectomy	Exploration or decompression of spinal cord through excision or incision into vertebral structures	<b>30-day</b>
OVRY	Ovarian surgery	Operations on ovary and related structures	<b>30-day</b>
PVBY	Peripheral vascular bypass surgery	Bypass operations on peripheral arteries	<b>90-day</b>

**Note: Superficial incisional SSIs are only followed for a 30-day period for all procedure types.**