# Surgical Site Infection Case Validation Check List

|  |  |
| --- | --- |
| **PATIENT INFORMATION** | |
| Patient Name (last, first) | Medical Record Number: |
| Date of Birth: Click here to enter a date. | Gender: ☐ M ☐ F ☐ Other |
| Height: cm | Weight: kg |
| **PROCEDURE DETAILS** | |
| Hospital Name: |  |
| Procedure date: Click here to enter a date. | Surgeon: |
| Procedure Group: ☐ CARD\* ☐ HPRO\* ☐ KPRO\* | |
| Duration of Procedure (min) | ASA score: ☐ 1 ☐2 ☐ 3 ☐ 4 ☐ 5 |
| Wound Class: ☐ 1 ☐ 2 |  |
| Anaesthesia Type: ☐ General ☐  Spinal | Surgery Type: ☐ Elective ☐ Emergency |
| **BUNDLE COMPONENTS** | |
| Appropriate antibiotic timing\*\* ☐ Y ☐ N ☐ U/K ☐ N/A | |
| Appropriate antiseptic skin preparation ☐ Y ☐ N ☐ U/K | |
| Appropriate hair removal\*\*\* ☐ Y ☐ N ☐ U/K ☐ N/A | |
| Maintaining normothermia ☐ Y ☐ N ☐ U/K | |
| Appropriate glucose control ☐ Y ☐ N ☐ U/K ☐ N/A | |
| **INFECTION DETAILS** | |
| When infection detected   * During initial admission * During readmission * Post discharge surveillance | Type of SSI   * Superficial * Deep * Organ/Space |
| Date of symptom onset (if known) Click here to enter a date. | Culture obtained ☐ Y ☐ N |
| Organism(s) isolated: | Treatment (optional): |
| Notes/Comments  Reported By:  Notified date:Click here to enter a date. | |

**\*** CARD=Cardiac Surgery, HPRO=Hip Arthroplasty, KPRO=Knee Arthroplasty

\*\* Within 60 minutes of surgical incision for most antibiotics, or 120 minutes for antibiotics that are not short acting (e.g. vancomycin).

\*\*\* Use of clippers and hair removal close to time of surgery

# Indicate the criteria met for a surgical site infection by checking the appropriate boxes Superficial SSI ☐ Y ☐ N

|  |
| --- |
| Infection occurs within 30 days of the operative procedure (where the day of operation is day 1)  **AND** only involves the skin or subcutaneous tissue of the incision |
| **AND** the patient has at least **one** of the following: |
| * 1) Purulent discharge from the superficial incision * 2) Organisms isolated from an aseptically obtained culture of fluid and/or tissue from the superficial incision * 3) A superficial incision that is intentionally opened by a surgeon or other qualified person   resulting in a positive specimen culture or a specimen is not obtained for culture AND  The patient has at least one of the following signs or symptoms   * Pain and/or tenderness ☐ localised swelling ☐ redness ☐ heat |
| Comments and exclusions |
| Do not report the following as SSI: Stitch abscess; Localised stab wound infection; Superficial incisions that are found to be colonised with organisms and don’t have signs/symptoms of infection If deep infection exists as well, report only as deep infection. |

**Deep Surgical Site Infection: ☐ Y ☐ N**

|  |
| --- |
| Infection occurs within 90 days of the operative procedure (where the day of operation is day 1)  **AND** involves deep soft tissues of the incision (e.g. muscle or fascia) |
| **AND** the patient has at least one of the following |
| * Purulent discharge from the deep incision * A deep incision that spontaneously dehisces or is intentionally opened by a surgeon or other qualified person resulting in a positive specimen culture or a specimen is not obtained for culture * An abscess or other evidence of infection involving the deep incision that is detected on direct examination, imaging or histopathology.   **AND** the patient has at least one of the following signs or symptoms:   * fever (>380C) ☐ localised pain or tenderness. |
| **Comments:** If both deep and superficial infections exist, report only as deep incisional infection |

**Organ/Space Infection: ☐ Y ☐ N**

* Infection occurs within 90 days of the relevant operative procedure (where the day of operation is day 1)

**AND**

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

**AND**

the patient has at least one of the following:

* Purulent discharge from a drain that is placed into the organ/space
* Organisms isolated from an aseptically obtained culture of fluid/tissue in the organ/space
* An abscess or other evidence of infection involving the organ/space incision that is detected on direct examination, imaging or histopathology