# 2019 COLO Procedure/SSI Medical Record Abstraction Tool

For use in acute care hospital SSI validation following inpatient COLO procedures performed during Q1-Q4, 2019. Refer to associated 2019 MRAT instructions.

## 1. Patient and Medical Record IDENTIFIERS

<table>
<thead>
<tr>
<th>State</th>
<th>Facility (NHSN) OrgID</th>
<th>Date of Audit</th>
<th>Reviewer Initials</th>
</tr>
</thead>
<tbody>
<tr>
<td>Facility Admission Date 1 (for index COLO Procedure)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Facility Admission Date 2</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Facility Admission Date 3</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Review Start Time:</td>
<td>End Time:</td>
<td>Time spent reviewing record (minutes):</td>
<td></td>
</tr>
<tr>
<td>Gender:</td>
<td>F</td>
<td>M</td>
<td></td>
</tr>
</tbody>
</table>

### COLO Procedure Date

(___/___/2019)

(USE THIS TOOL ONLY FOR COLOs PERFORMED IN 2019)

Describe in words all procedure(s) performed during index COLO procedure (for example, colon resection, colostomy formation, appendectomy):

Link to SSI section for ICD-10-PCS and CPT codes can be found in the “Supporting Materials” section of the link below:


| ICD-10 codes: | | |
| CPT: | | |

List all codes applicable to the index procedure.

Record later admission dates below only if they occur within 30 days of COLO procedure (Procedure date = day 1 of 30).

| Facility Admission Date 2: | Facility Discharge Date 2: |
| Facility Admission Date 3: | Facility Discharge Date 3: |

## 2. NHSN Operative Procedure Criteria

Did COLO operative procedure meet NHSN definition for inpatient operative procedure? (Refer to NHSN PSC Module SSI Chapter 9)

- [ ] No
  - If No, STOP, record (a) Not a candidate COLO: Did not meet NHSN Operative Procedure definition

- [ ] Yes
  - If Yes, proceed to 3.

## 3. Document COLO Procedure Risk-Adjustment Variables in Medical Record at Time of Procedure for Comparison to NHSN

| Closure technique (Select one): | Primary | Non-Primary |
| Diabetes (Select one): | Yes | No |
| ASA score (Select one): | 1 2 3 4 5 (Do not report if ASA=6) |
| General anesthesia (does not include conscious sedation) (Select one): | Yes | No |
| Scope (Select one): | Yes | No |
| Emergency (emergency or urgent procedure per facility protocol) (Select one): | Yes | No |
| Trauma (blunt or penetrating injury occurring prior to start of the procedure) (Select one): | Yes | No |
| Gender (Select one): | M | F | Other |
| Age (years): | | |
| Height: | __feet/__inches | OR | __meters |
| Weight (most recent documented prior to or otherwise closest to the procedure): | ___pounds | OR | ___kilograms |
| Wound class (Select one): | CC | CO | D |
COLO procedure duration: | Procedure start date | Procedure start time | Procedure finish* date | Procedure finish* time
--- | --- | --- | --- | ---
Index procedure |  |  |  | 
2nd Procedure within 24 hours |  |  |  | 
Procedure duration (derived from above information): _______hours and _______minutes

4. Document Subsequent Surgery / Invasive Procedure During COLO SSI Surveillance Period
- No
- Yes

<table>
<thead>
<tr>
<th>Invasive procedure 1:</th>
<th>Date 1:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Invasive procedure 2:</td>
<td>Date 2:</td>
</tr>
</tbody>
</table>

Document any evidence of infection during invasive procedures above:

5. Additional / Post-Discharge Infection Surveillance
- No
- Yes

If Yes, abstract information regarding infection status in the space below, and proceed to 6.

6. Document SSI Definition Criteria
- Using the NHSN SSI Definitions Criteria on the instruction sheet, document which depth of SSI criteria were met and the date of SSI event (date when the first element used to meet NHSN SSI criterion occurred).

7. Outcome of 2019 COLO SSI audit
7(A): Select (a), (b), or (c); If (b) is selected, define depth and date of SSI Event, then proceed to 7(B):
- (a) Not a candidate COLO: Did not meet NHSN Operative Procedure definition
- (b) SSI: (select deepest level met during SSI surveillance period)
  - (b1) Superficial incisional SSI
  - (b2) Deep incisional SSI
  - (b3) Organ/Space SSI (Specify site): IAB OREP GIT USI

Date of SSI event (date SSI met the deepest level of SSI during the SSI surveillance period):

- (c) No SSI

7(B) Was there evidence of infection/abscess at the operative site at the time of the index procedure documented in the intraoperative note at the same tissue level as the subsequent SSI event: Yes No
For details on PATOS, refer to NHSN PSC Manual SSI Chapter 9.

8. Attribution of SSI to Procedure
- Was the SSI attributable to the COLO, or was the SSI attributable to another invasive concurrent NHSN Operative Procedure, or was this not an SSI due to invasive manipulation of the COLO operative procedure site after the COLO procedure? (Select one):
- COLO SSI
- SSI not attributable to COLO; SSI attributable to (specify): _________________
- Not an SSI; invasive manipulation occurred (specify): _________________
### 9. Case Determination

<table>
<thead>
<tr>
<th>Correctly Classified</th>
<th>Overreported HAI</th>
<th>Underreported HAI</th>
</tr>
</thead>
<tbody>
<tr>
<td>If COLO SSI was misclassified (over- or underreported) by facility, identify the reason(s).</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

#### Additional Reasons
- Missed case finding
- Clinical over-rule
- Used outdated criteria
- Diagnostic test results not in chart
- Other ____________________________

#### SSI Criteria Misapplied
- ICD-10-PCS and/or CPT code(s) not a valid NHSN operative procedure code for surveillance
- Date of event outside the SSI surveillance period
- SSI should have been attributed to another invasive concurrent NHSN Operative Procedure
- Not an SSI due to invasive manipulation of the COLO operative procedure site after the COLO procedure
- Reported organ/space infection did not meet at least one criterion for a specific organ/space infection site listed in PSC Manual Chapter 17
- SSI reported at incorrect tissue level (specify): ______________________________
- O/S SSI reported at incorrect specific organ/space infection site (specify): ______________________________
- PATOS incorrectly applied
- Other ____________________________

Provide any additional details:

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*(Don’t forget to record the abstraction end time on page 1 (Location of elements meeting criteria within Medical record: ))*