

MN Public Reporting HAI: Surgical Procedure Indicator

Inclusion:

- A. Elective primary total knee arthroplasty and vaginal hysterectomy in patients 18 years of age and meet the following criteria:
 - 1. Operative procedure in which the surgeon makes a skin or mucous membrane incision including laparoscopic approach and primarily closes the incision before the patient leaves the operating room.
 - 2. ICD-9-CM code: Primary total knee arthroplasty = 81.54, Vaginal Hysterectomy = 68.5, 68.51, 68.59
 - 3. Admission and discharge date on different calendar days.
- B) Surgical Site Infections occurring within 30 days after the operative procedure if no implant in place, or within 1 year if an implant is left in space.
 - 1. Infection is identified on operative admission, readmission to operative procedure facility or other facility.
 - 2. Involves deep soft tissues or organ / space only.

Exclusions:

- A. Operative Procedures: Patients less than 18 years of age at the time of operative procedure, non-schedule, emergent or emergency procedures, procedure not included in the ICD-9-CM code specified, or when incision is not closed in the operating room, same day admission and discharge procedures.
- B. Surgical Site Infections: superficial infections

Sampling methodology: 100% of cases. Frequency of monitoring will be evaluated for facilities with low or zero infection rates.

Reporting:

Numerator - number of patients who meet the CDC/NHSN surveillance definition criteria for surgical site infection by risk index.

Denominator - total number of surgical procedures by risk index.

MEASURE	STANDARD FOR COLLECTION	Exclude
Denominator	Determine the number of procedures by NNIS risk index	Revisions Emergent, Urgent or non-scheduled procedures Admitted and discharged on same calendar day
Numerator	Determine the number of deep, organ/space surgical site infections that meet the CDC/NHSN surveillance definition of health care-associated infection	Superficial infections Survey / laboratory based without validation of deep, organ/space infection
Risk Index	Duration of surgery (skin incision to skin closure)*, ASA score and wound classification for each procedure	

*If a patient returns to surgery within the first 24 hours of the original procedure, add the duration of the surgery for the return procedure to the first procedure. Examples may include: Return required due to uncontrolled bleeding, exploration of operative site