

KNHSS

Kuwait National Healthcare-associated
Infections Surveillance System

Instructions for Completion of the Denominator for Procedure Form

Data Field	Instructions for Data Collection
Surveillance date	Write down Surveillance date in form of month/year using the format: mm/yyyy
Facility name	Write down the facility name
Facility code	Write down Facility code using form A
Patient information	
Patient ID	Write patient civil ID number
File number	Write patient hospital file number
Patient name	Write first, middle and the last name of the patient.
Nationality	Check kuwaiti or non Kuwaiti to indicate Nationality of the patient.
Gender	Check Male or Female to indicate the gender of the patient.
Date of Birth	Record the date of the patient birth using this format: dd/mm/yyyy.
Procedure name	Write the name as written in operation sheet. eg. Lt sided popliteal bypass with graft.
Date of procedure	Record the date of the procedure using this format: dd/mm/yyyy.
NHSN Procedure category name:	Enter the appropriate NHSN procedure category name according to form C . eg. Lt sided popliteal bypass with graft will be written as PVBV.
KNHSS procedure category code	Enter the appropriate KNHSS procedure category code according to form C . eg. PVBV code will be 31.

Procedure Details	
Outpatient	Check “ Yes ” if this operative procedure was performed on an KNHSS outpatient, otherwise check “ No ”.
Duration	Enter the interval in hours and minutes between the skin incision and skin closure. Then, calculate the total duration in minutes.
Wound class	Check the appropriate wound class from the list.
General anesthesia	Check “ Yes ” if general anesthesia was used for the operative procedure, otherwise check “ No ”. General anesthesia is defined as the administration of drugs or gases that enter the general circulation and affect the central nervous system to render the patient pain free, amnesic, unconscious, and often paralyzed with relaxed muscles.
ASA score	Required for Inpatient procedures only. Check numeric ASA classification at the time of the operative procedure.
Emergency	Check “ Yes ” if this operative procedure was a nonelective, unscheduled operative procedure, otherwise check “ No ”. Emergency operative procedures are those that do not allow for the standard immediate preoperative preparation normally done within the facility for a scheduled operation (e.g., stable vital signs, adequate antiseptic skin preparation, colon decontamination in advance of colon surgery, etc.)
Trauma	Check “ Yes ” if operative procedure was performed because of blunt or penetrating traumatic injury to the patient, otherwise check “ No ”.
Scope	Check “ Yes ” if the entire NHSN operative procedure was performed using a laparoscope/robotic assist. Check “ No ” if : <ol style="list-style-type: none"> 1. The operative procedure was not performed originally by scope <li style="text-align: center;">or 2. The incision was extended to allow hand assistance, or was fully converted to an open approach. <p>NOTE:</p> <ul style="list-style-type: none"> • For CBGB, if the donor vessel was harvested using a scope, check “Yes”. • Check “Yes” if scope was used for HYST or VHYS, even if uterus

	was removed from the vagina.
Surgeon name	Enter the name of the surgeon who performed the principal operative procedure.
SSI risk index category	<p>Select the basic risk index category of the patient: either 0 , 1, 2 or 3</p> <p>The index used in NHSN assigns surgical patients into categories based on the presence of three major risk factors:</p> <ol style="list-style-type: none"> 1. Operation lasting more than the duration cut point, where the duration cut point is the approximate 75th percentile of the duration of surgery in minutes for the operative procedure. (form F). 2. Contaminated (Class 3) or Dirty/infected (Class 4) wound class. 3. ASA classification of 3, 4, or 5. <p>The patient's SSI risk category is simply the number of these factors present at the time of the operation.</p>
Cesarean section: (CSEC)	
Mother's height	If operative procedure is CSEC, enter patient height in centimeters.
Mother's weight	If operative procedure is CSEC, enter patient's most recent weight in kilograms.
Duration of labor	<p>If operative procedure is CSEC, enter number of hours the patient labored in the hospital from beginning of active labor to delivery of the infant, expressed in hours. The documentation of active labor can be supplied in the chart by a member of the healthcare team or physician. Active labor may be defined by the individual facility's policies and procedures, but should reflect the onset of regular contractions or induction that leads to delivery during this admission.</p> <p>If a patient is admitted for a scheduled CSEC and has not yet gone into labor, the duration of labor would be 0. Hours should be rounded in the following manner: ≤30 minutes round down; >30 minutes round up.</p>
Spinal procedures	
choose one: FUSN RFUSN	If operative procedure is FUSN or RFUSN, choose the procedure that was done.
FUSN/RFUSN: Spinal level	If operative procedure is FUSN or RFUSN, check appropriate spinal level of procedure from list.

	<ul style="list-style-type: none"> • Atlas-Axis – C1 and/or C2 only • Atlas-Axis/Cervical – C1-C7 (any combination excluding C1 and/or C2 only) • Cervical – C3-C7 (any combination) • Cervical/Dorsal/Dorsolumbar – Extends from any cervical through any lumbar levels. • Dorsal/Dorsolumbar – T1 – L5 (any combination of thoracic and lumbar) • Lumbar/Lumbosacral – L1-S5 (any combination of lumbar and sacral) • Not specified – Level not specified (should be used rarely) <p>If more than one level is fused, report category in which the most vertebra were fused.</p>
FUSN/RFUSN: Diabetes mellitus	If operative procedure is FUSN or RFUSN, check “Yes” if patient is known to have diabetes mellitus, otherwise check “No” .
FUSN/RFUSN: Approach/Technique	If operative procedure is FUSN or RFUSN, check appropriate surgical approach or technique from list.
Hip prosthesis :(HPRO)	
	If operative procedure is HPRO, select Total Primary, Partial Primary, Total Revision or Partial Revision from the list. NOTE: When hardware is inserted for the first time, use the “primary” designation; otherwise, indicate that the procedure was a revision.
Knee prosthesis :(KPRO)	
	If operative procedure is KPRO, select Primary (Total), Revision (Total or Partial) from list. NOTE: When hardware is inserted for the first time, use the “primary” designation; otherwise, indicate that the procedure was a revision.

N.B: Please attach each SSI (numerator) form of the infected operation with a copy of its related denominator for procedure form.