

Rates of Surgical Site Infection (SSI) Prevention (Hip and Knee Replacement) (Retired)

Alternate Name*

Rates of Surgical Site Infection (SSI) Prevention - Prophylactic antibiotic use prior to total primary hip/knee surgery

INDICATOR DESCRIPTION

Description*

This indicator measures the percentage of total primary hip/knee replacement surgical patients with antibiotic administration that starts an appropriate time prior to skin incision and is fully infused before the surgery begins. A higher rate is associated with better performance.

Indicator Status*

Retired

HQO Reporting tool/product

On-Line Public Reporting

Dimension*

Safe

Type*

Process

DEFINITION AND SOURCE INFORMATION

Unit of Measurement*

Percentage

Calculation Methods*

Numerator divided by denominator times 100

Numerator including inclusion/exclusion*

Total number of patients included in the denominator whose antibiotic was administered within the appropriate time prior to skin incision

Denominator including inclusion/exclusion*

Total number of patients during the reporting period who had a primary total hip/knee replacement surgical procedure.
Exclusions:

1. Patients who are less than 18 years of age on admission.
2. Patients who are not given antibiotics at any time from arrival in hospital through the first 24 hours post-operatively (e.g. patients on current antibiotic which may eliminate any prophylactic need).
3. Patients with an existing infectious process at the same site as the planned surgical procedure or surgeries that are classified under wound class three or four.

Adjustment (risk, age/sex standardization)- detailed

None

Data Source

Self-Reporting Initiative (SRI)

Data provided to HQO by

Ministry of Health and Long-Term Care (MOHLTC)

Reported Levels of comparability /stratifications (defined)

Time

Institution

Region

OTHER RELEVANT INFORMATION

Caveats and Limitations

Data are self-reported by hospitals.

Comments Detailed

This indicator is no longer reported over HQO website based on the recommendation from Patient Safety Indicator Review which occurred in 2016.

TAGS

TAGS*

Acute Care/Hospital

Process

Patient Safety and Never Events

Safe

Self-Reporting Initiative (SRI)

PUBLISH

PUBLISH DATETIME*

01/11/2018 12:26:00