



New York-Presbyterian SSI SURVEILLANCE METHODOLOGIES

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Surgical Site Infection Facts:

- There were an estimated 110,800 surgical site infections (SSIs) associated with inpatient surgeries in 2015, as per CDC healthcare-associated infection (HAI) prevalence survey,
- While advances have been made in infection control practices, SSIs remain a substantial cause of morbidity, prolonged hospitalization, and death.
- SSI accounts for 20% of all HAIs with 75% of SSI-associated deaths directly attributable to the SSI
- SSI is the most costly HAI type with an estimated annual cost of \$3.3 billion, and extends hospital length of stay by 9.7 days, with cost of hospitalization increased by more than \$20,000 per admission
- Surveillance of SSI with feedback of appropriate data to surgeons has been shown to be an important component of strategies to reduce SSI risk

Surgical Site Infections Surveillance Methodologies at New York Presbyterian

- Daily Microbiology Reports
- Review Readmission Surveillance Reports
- EPIC 30 and 90 day 'possible SSI list'
- Review ICD-10 SSI List
 - Patients with ICD10 codes for Procedure AND infection
- Self-reporting of SSIs
 - -Quality, Providers, etc.
- Surveillance of SSIs with OSHs

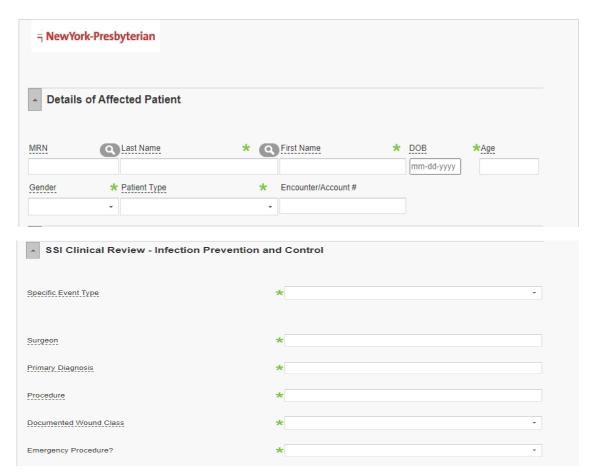


Surgical Site Infection Notifications

- ■SSI Review
 - -NHSN definitions
 - Reviewed with hospital epidemiologist
- SSI is Confirmed:
 - -Formal email to surgeons
 - –Smartsheet to 'Periop' team
 - -RCA form, known as KEEPSAFE, is submitted
 - Colon surgeries only
 - RCA review by multidisciplinary team



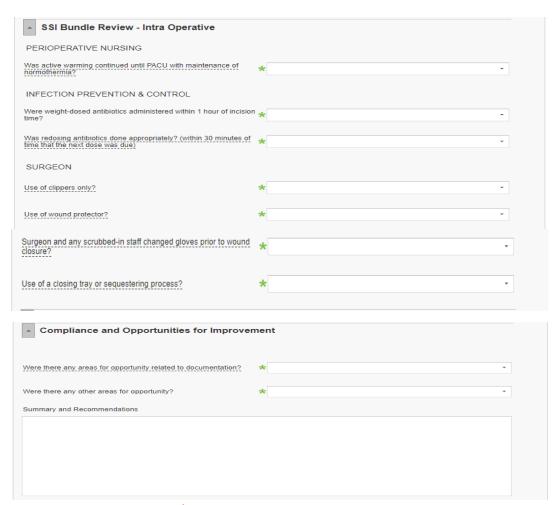
KEEPSAFE



KEEPSAFE

Record other multiple procedures performed?	*
Was the wound primarily closed?	*
Brief Factual Description/Synopsis include history, pre-operative and OR course	
Final Disposition	*
SSI Bundle Review - Pre Operative	
PERIOPERATIVE NURSING	
Was active warming by use of Bair Hugger, blanket or PAWS completed in pre-op holding area?	*
Patient had a pre-op bath?	*
Were oral antibiotics taken at home?	*
Bowel prep was completed?	*
In patients with diabetes - Was blood glucose less than 200?	*
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KEEPSAFE



Questions?





Thank you!