

Initiative Title: SSI Reduction Project

Start Date: June 2014

Project Manager:

Michael Langston

Aim:

By June 2015, we will reduce colorectal and abdominal hysterectomy SSI rates by 10%. The second goal of the project is to develop processes that can be utilized by different service lines to decrease the rate of SSI across the spectrum of surgeries at UNCH

Methods:

- Formalize utilization of Best Practices including use of wound protectors, antimicrobial and mechanical bowel prep, perioperative blood glucose control, formalization of process to sequester clean instrument and change gloves at closing for all open abdominal cases
- Develop process to distribute report for surgeons providing a searchable line listing of all SSI
- Develop process to more accurately capture Wound Classification
- Formation of multidisciplinary group to regularly address Quality Concerns in OR
- Provide recommendation for extending interventions to other services

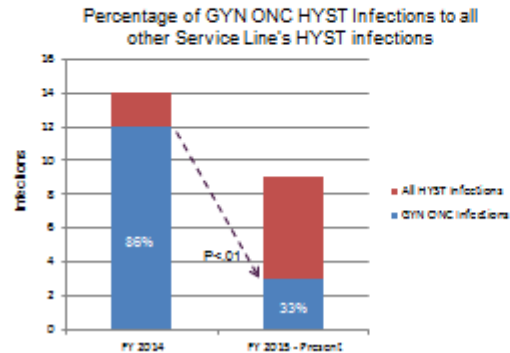
Conclusions:

- SSIs reduced 41% in colorectal surgeries performed by GI team
- 75% reduction in percentage of SSIs attributed to GYN ONC team for HYST cases.

Results:

UNC HEALTH CARE SYSTEM

Results – HYST GYN ONC Team

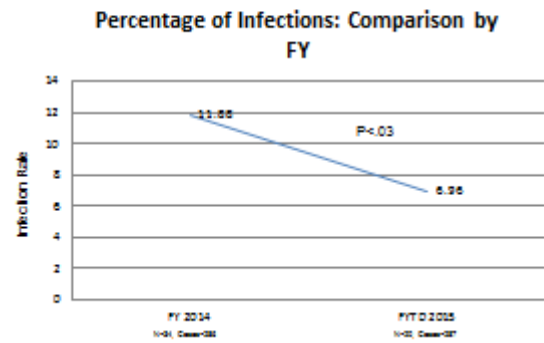


GYN ONC team:

- Significant decline in percentage of HYST infections
- No infections this calendar year
- 2 infections since start of interventions (Wound Protectors and Bowel prep not utilized in either case)

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Results – Colorectal Surgeries GI Team



For FY 2015 – projected number of infections: 27
Decrease of 20% from FY 2014
*FYTD have performed 90 more cases in denominator than same time previous FY