



Collaborating to Reduce Surgical Site Infections

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DESCRIPTION

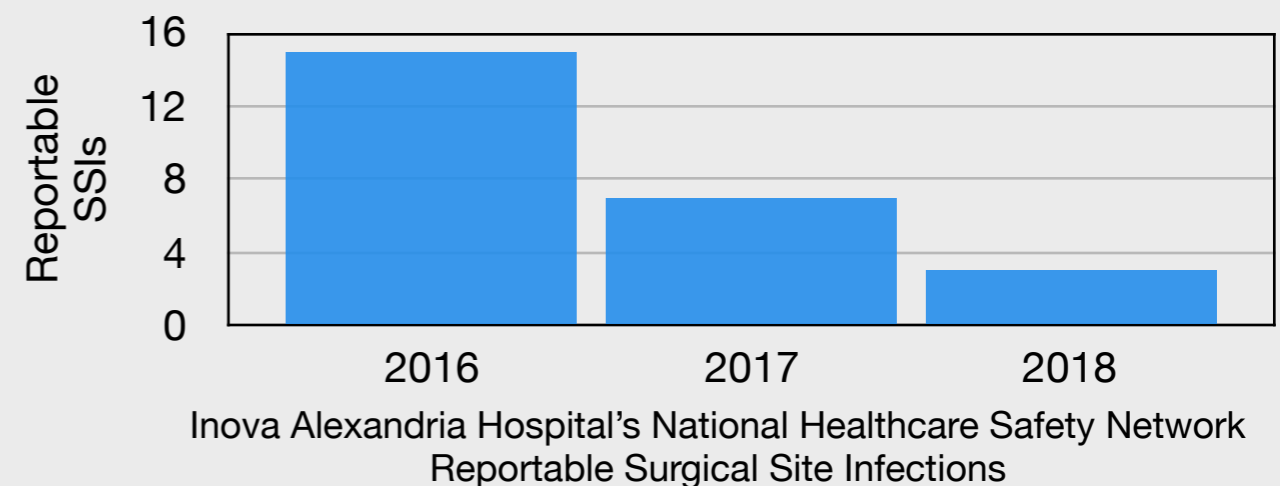
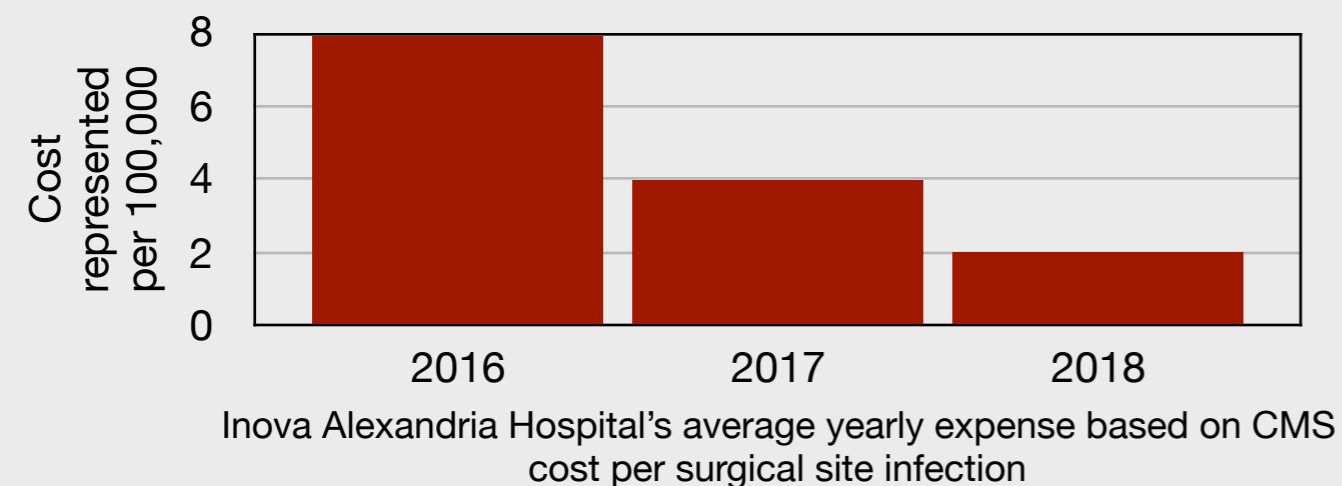
In 2016, Inova Alexandria Hospital's National Healthcare Safety Network (NHSN) reportable surgical site infections (SSIs) exceeded the Centers for Medicare and Medicaid Services (CMS) standardized infection ratio (SIR). Mean attributable costs, on average range 10,446 to 25,546 per infection, and in some cases, may exceed 90,000 per infection (JAMA, 2015).

AIM

To reduce Inova Alexandria Hospital's annual NHSN reportable surgical site infections (SSIs) by 50%.

ACTIONS TAKEN

Assembled a multidisciplinary team of nursing, pharmacy, physician, infection prevention, sterile processing, engineering, and quality professionals to review all hospital acquired reportable surgical site infections for missed opportunities of highly reliable, standardized quality care, within a best practice framework promoted through dissemination of current and revised process and policy.



SUMMARY OF RESULTS

The results yielded an 80% reduction in surgical site infections and cost reduction of an estimated 800,000 over 2 years. While our focus was leadership and collaboration to achieve results, individual attributes of the success warrant additional investigation for impact understanding and analysis.