Implementing a Compliance Monitoring Process to Promote Chlorhexidine Gluconate Bathing and Hand Hygiene: An Initiative to Decrease Central Line–Associated Bloodstream Infections

According to CDC, 1 in 31 hospitalized patients get an HAI

HAI annual costs:
$28.4 billion (direct) + $12.4 billion (indirect)

CLABSI = $18,000–$95,000
AHRQ-estimated cost per incident

Areas of investigation to use to determine why CLABSI HAI is increasing in the hospital setting:
- Is it insertion or prevention and maintenance?
- What type of organism is causing the infections?
- Was there any change in the healthcare environment?
- Are the providers following aseptic technique to insert lines?
- Are the nursing staff performing the bundle components?

Baseline Data for CLABSI Bundle Components

Goal = 75% compliance

Improving hand hygiene and ensuring CHG bathing occurs results in fewer CLABSI HAI and considerable cost savings ($1.4 million in less than 12 months; p=0.011)

Baseline Data for CLABSI Bundle Components:

- Bathing: 40%
- Hand Hygiene: 61%

AHRQ-estimated cost per incident CLABSI = $18,000–$95,000

HAI annual costs: $28.4 billion (direct) + $12.4 billion (indirect)

Goal = 75% compliance

Improving hand hygiene and ensuring CHG bathing occurs results in fewer CLABSI HAI and considerable cost savings ($1.4 million in less than 12 months; p=0.011)