California Healthcare-Associated Infection Prevention Initiative (CHAIPi)

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CHAIPPI Collaborative Overview

Statewide Collaborative
- IHI Breakthrough Series Collaborative
- HAI Prevention Curriculum
- Automated Surveillance Technology (AST) subgroup
- AST focus differentiates CHAIPI
- Monthly WebEx and face-to-face meetings twice/yr
- $3.5M over 2 years to support 49 grantee hospitals

Process & Education
- Best practices discussion & guides
- QI cycle (PDSA)
- HAI reduction project(s) in home facility
- Performance measurement
- Exposure to AST

Technology Add-on

Cohort 1
(9 pilot hospitals)
- Adopt AST add-on: MRSA & AMS option
- Serve as mentor hospitals
- P&E Curriculum

Cohort 2
(8 new hospitals)
- Implement AST
- P&E Curriculum
Engaging a Wide Range of Organizations

**CIHSP**
- Operations
- Help recruit hospitals

**BSCF**
- Driver
- Funder
- Coordinator
- Evaluator

**CareFusion MedMined™**
- technology cohort: recruitment, training, service support, curriculum
- Clinical/financial analysis of technology impact

**APIC**
- Role development expertise for Infection Preventionists
- Provide best practice guidelines for specific HAIs

**IHI**
- Curriculum content
- Web platform for metrics
- Quality improvement expertise
CHAIPPI Curriculum

Collaborative sessions and webinars address best practices and peer learning in the following areas:

– Basic infection prevention practices
  • Hand hygiene
  • Contact precautions
– MRSA
– Catheter-related blood stream infection
– Catheter-related urinary tract infection
– Ventilator-associated pneumonia
– Surgical site infection
– Clostridium Difficile
– Automated Surveillance Technology (optional)
Defining CHAIPI Program Success

- Catalyze HAI reduction efforts statewide – Save lives and money
- Serve as a model for use of technology to improve quality, lower costs
- Demonstrate HAI reduction, best practices in a statewide collaborative
- Two statewide evaluations: (1) CA hospitals’ response to HAI, and (2) the changing role of the Infection Preventionist
- Goals are to build capacity, contribute new knowledge to the field