

## National APIC Presentations Notes:

### Applying the Bundles to the Pediatric Population:

- Walk the Line for CLABSI Decline
  - Femoral Catheters – Are they safe?  
Yes, low incidence of mechanical complications  
Equivalent infection rate
  - Umbilical Catheters – Are they safe?  
Umbilical stump becomes heavily colonized shortly after birth  
UAC: 5% CLABSI  
UVC: 3-8% CLABSI  
Modern era: rates=PICCs
  - Removing CLs  
Review variability within centers and among centers  
Develop guidelines for insertion and removal  
Develop feeding protocols  
Need examples of best practice
  - Dressing Change – Develop two person system to avoid dislodging during change
  - See PowerPoint for examples of collaborative to reduce CLABSI in this population
- CHG in Babies
  - CHG bathing to reduce infant mortality in developing world
    - No serious adverse events described
    - Trace amounts in blood (ng.ml)
  - Concerns in NICU
    - Dermatitis – Increased in infants 24-26 wks
  - National NICU Survey in US
    - Most (55/90\_ NICUs using CHG: maintenance>insertion
- Remaining Challenges
  - Certain populations in pediatrics
    - Short bowel patients – translocation
    - <750 gram infants
  - Obtaining 2 blood cultures with adequate volume
  - Monitoring compliance with maintenance
  - Sustaining enthusiasm for CLABSI reduction
  - When to introduce CHG-impregnated sponge dressing if CLABSI rate not decreasing
- VAP
  - Lack of literature to support all bundles measures in pediatric population
  - Lack of inter-rater reliability in definition

Bundles measures – HOB, closed suction systems, Oral care with CHG, Sedation vacation with daily assessment of extubation readiness
- SSI
  - Recent single studies showing support of adult SCIP likely will occur in the pediatric population, but more studies are needed.

### Bacillus cereus Bacteremia Associated with Contaminated Alcohol Prep Pads: An Epidemiologic and Microbiologic Investigation Leading to an International Product Recall

- Too many good statements, review the PowerPoint for details
- Culture of alcohol pads without contaminating the inside pad with the Bacillus on the outside is difficult, should be confirmed by laboratory who specializes in this type of testing.