



HEALTH QUALITY & SAFETY
COMMISSION NEW ZEALAND
Kupu Tauiwāhi Hauora a Aotearoa



APPLIED HEALTHCARE INNOVATION

Collaborative to Prevent Central Line Associated Bacteraemia

Collaboration across three ICUs

DHB: Auckland District Health Board

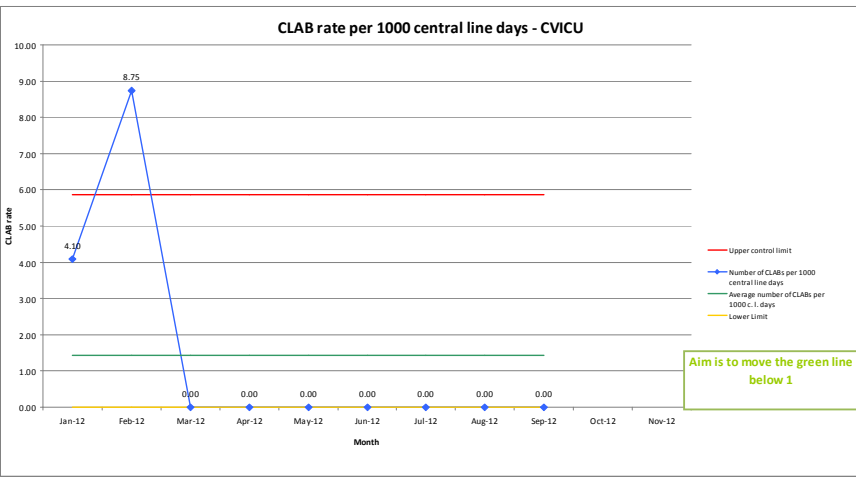
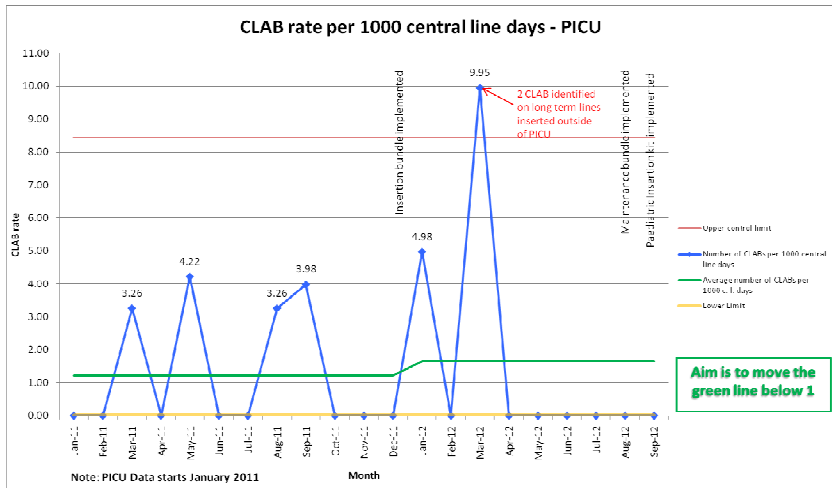
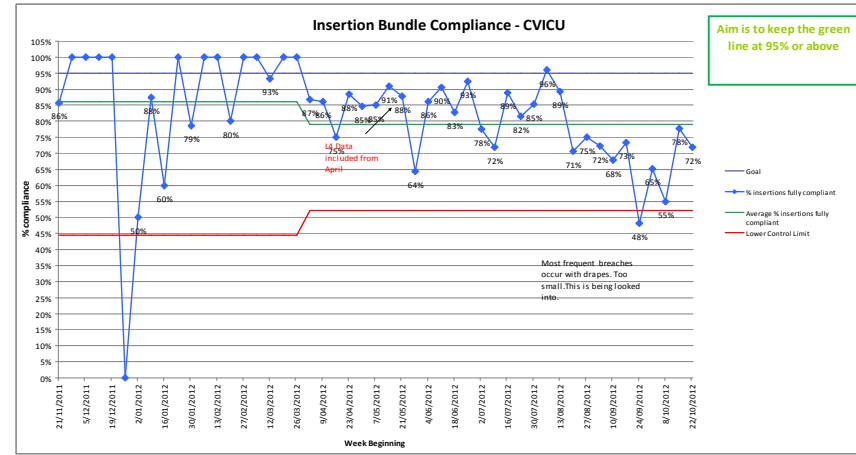
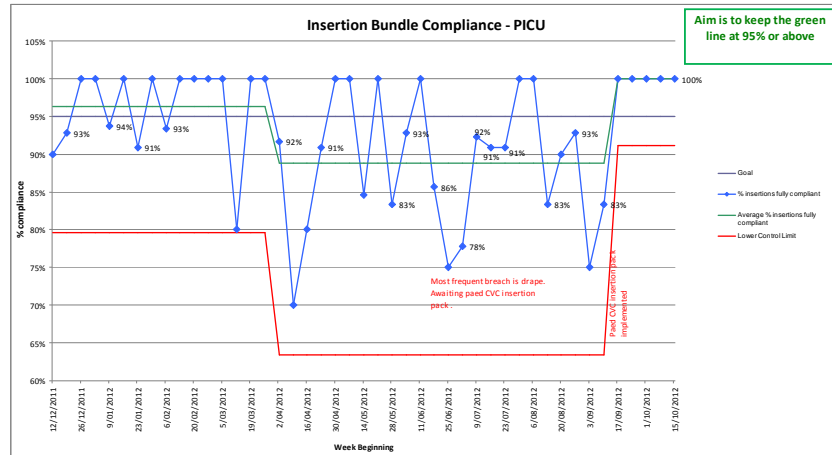
Team members: Elaine McCall, Helen Richardson, Susan Atherton, Markus Lang, Jackie Gunn, Merilyn Beken, Sally Roberts, Mary De Almeida, David Buckley, Les Galler



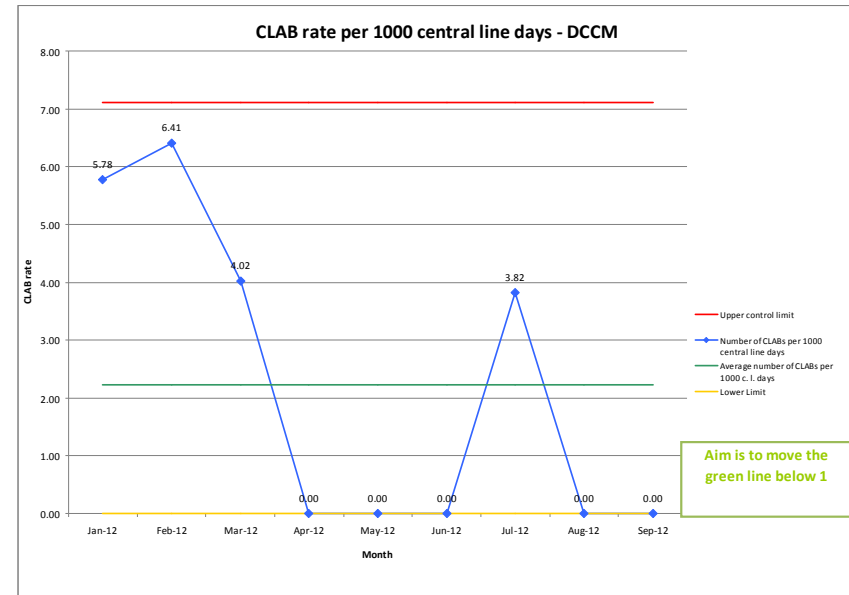
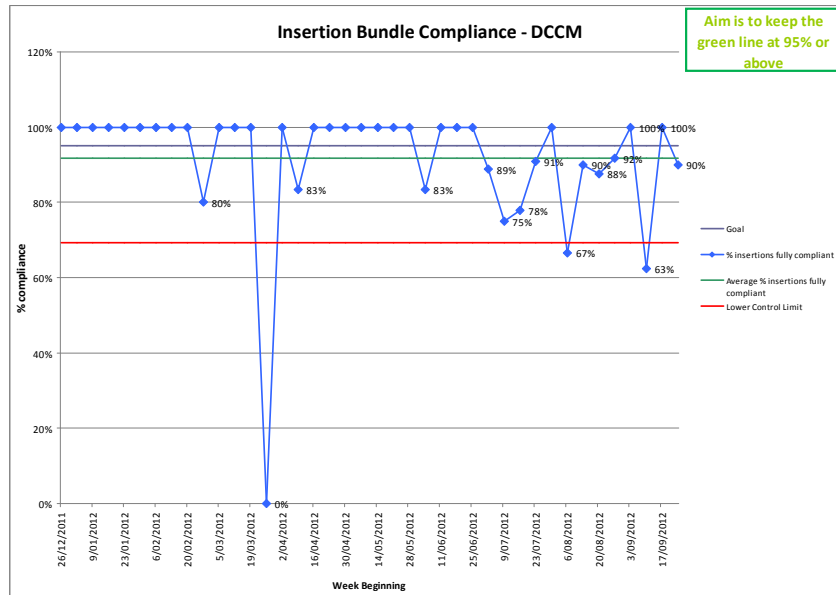
Progress since Sept Regional Meeting

- Across all 3 ICU
 - Updated insertion and maintenance forms rolled out with positive staff response
 - Data analyst supported & developed spread sheet for data collection for each ICU
 - Spread sheets generate graphs
 - Eye catching posters developed for visual display in each ICU

PICU and CVICU



DCCM





Progress since Sept Regional Meeting

- Maintenance bundle compliance data collection
 - Random weekday selected
 - CVL in place >24hrs
 - Sample of up to 20 line days selected
 - Compliance = all of maintenance bundle complete
 - Main reason for non compliance is incomplete data (improving with updated forms)

Progress since Sept Regional Meeting

- Unit specific issues
 - PICU
 - Maintenance forms now in use in PICU since Sept 2012
 - Roll out of paediatric pack
 - DCCM and CVICU
 - Continuing evaluation of adult drape
- Spread to other areas
 - Insertion forms established in operating rooms (Auckland & Starship Hospitals)
 - Interventional Radiology

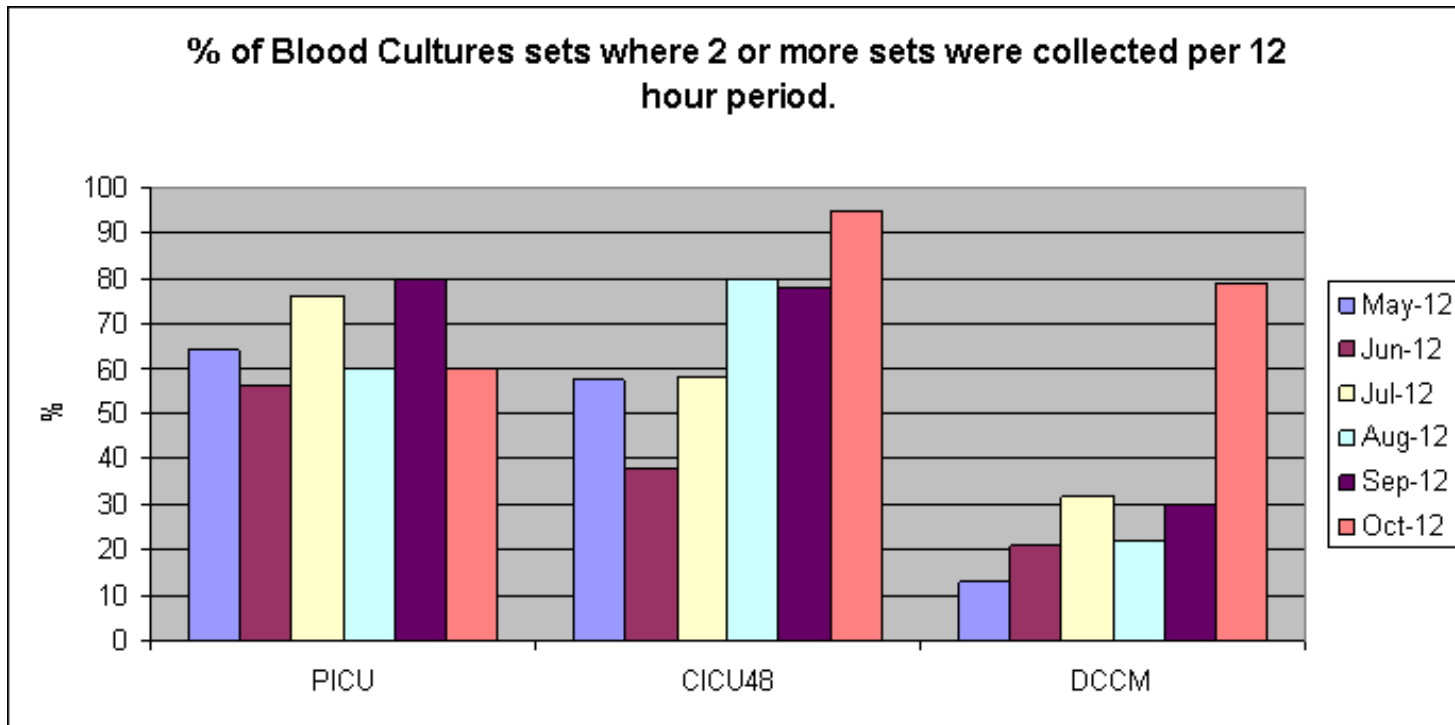
Process for reviewing a CLAB incident

- Collaboration with MMH regarding incidence review form
- Incidence review form adapted to meet local requirements
- Process used in DCCM, outcomes of review fed back to nursing and medical staff
- Prompted review of high risk criteria for each ICU

Blood Cultures

- ADHB Blood Culture Guidelines Policy developed
- Education on going to raise awareness
- Graphs displaying % where ≥ 2 sets taken per 12 hr period reported monthly for each ICU

Blood Culture Collection Patterns



Highlights

- CVICU 255 days CLAB free
- PICU 235 days CLAB free
- DCCM 101 days CLAB free



CLAB team nominated for
ADHB Healthcare Excellence Awards