



Emirates Specialty Hospital, UAE

A quality improvement approach to reduce infections in neonatal intensive care

Outcomes in neonatology has improved dramatically in the last 3 decades

Improved survival- associated with increasing short term and long term morbidity

Infections- important cause of morbidity and mortality

Majority of infections are potentially preventable

Early onset sepsis related to maternal and perinatal factors

NICU professionals rh3 (a)19 (v)8 (en l)12 (t)-0 (t)-659 (ele c)12 (n)89 (t)-5 (i)13 (o)1 (le!)] TJ ET EMC /Spa

- IC team audits showing high compliance
- But y on the wall observation revealed a di erent story
- Non-compliance widespread
- Accessibility of hand gel at bedside was an issue
- Turnover of new sta – eg . Residents who were poorly

Oriented

- Hand hygiene of parents not monitored or enforced
- Mobile phone use in the clinical area
- Publicity poor

So we need to work on the missing gap and improve the compliance.

Similarly, for central line bundle it may have issues in any of the following.

- Bundles in place
- IC team reporting high compliance- Wrong metric being used(r)-10 (t)-5 (in)8 (g hig)-7 (h co)12.1 (mU >>BDC BT