

CLABSI Rangers: A Team Approach to Extinguishing CLABSI!



A Central Line Associated Bloodstream Infection (CLABSI) Prevention Initiative

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Description

- Approximately 30,100 CLABSIs/ year
- Costs of CLABSI include:
 - \$45,800 per CLABSI
 - High mortality rate
 - Increased length of hospital stay
 - Patient harm
 - Loss of CMS reimbursement
 - Damages hospital reputation
 - 8 CLABSI in ICU previous year study window

Methods

- Staff Education**
 - CLABSI Bundle
 - Dialysis catheter access return demo
 - "Scrub the Hub" signs in patient rooms
 - YouTube Videos
 - Recruitment
 - Kick off, mid-term & final educational parties
- Patient/Family Education**
 - CDC FAQ sheets in patient rooms
 - "Scrub the Hub" signage in rooms
- Tools**
 - Staff nurse survey
 - Central line flush orders
 - Revised Central line order set
 - Brought in new products
 - Audits
- Branding**
 - T-shirts
 - CLABSI Ranger Swag
 - Signage
 - Word of mouth
- Incentives**
 - Coffee Cards, food, recognition
- Audits**
 - Patient education

Decrease incidence of CLABSI by 50%

Standardized Utilization Ratio (SUR) ≥ 1

Aim

Educate 90% staff

Educate 60% patients and family

Establish 10 CLABSI champions



Remember,
ONLY YOU CAN PREVENT...

- C**lean hands and gloves
- L**ine care q8h
- A**ssess daily need
- B**athe with CHG
- S**crub the hub
- I**nclusive education

13 champions recruited

78% CLABSI reduction

2 CLABSI vs 8 previous time period

No Impact on utilization rate (SUR)

71% patient education

Infection rate (SIR)
SICU 0.4
IMCU 0.0
MICU 0.4

Outcomes

93% Staff return demo complete

Increased CLABSI awareness

