

Decreasing CLABSIs One Dressing at a Time

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BACKGROUND / INTRODUCTION

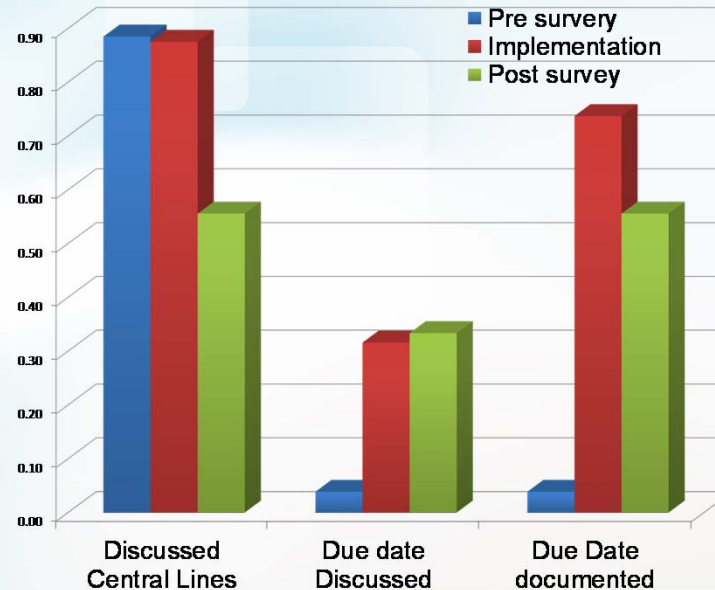
- Research suggests that CLABSIs can cost hospitals \$29,000- \$50,000 per event. CLABSIs care bundles have been well researched and are proven to work.
- PICO Question: Will Developing a post-insertion Central Venous Catheter Bundle, implementing education and a CVC Unit Champion increase compliance with Central Venous Catheter Care protocols, and decrease CLABSIs in the Critical Care population?
- Project Purpose:
To reduce the incidence of CLABSI by changing how critical care nurses communicate and document dressing changes.

METHODS/IMPLEMENTATION

- Distribute a survey for CICU Registered Nurses to complete to see how dressing changes are documented, discussed and inspected during change of shift report.
- Heightened awareness to discuss dressing changes during change of shift report
- Visual cues as a reminder include status of central line dressing changes during handoff reports.
- Audits performed to monitor discussion and visualization of dressings, dressing change dates, and documentation practices around central line dressings.

Results

- Discussing and visually checking dressings
 - Majority of change of shift of reports included discussing and visually checking dressing pre implementation and stayed the same throughout.
- Discussion of dressing due date
 - Dressing changes were discussed more frequently during change of shift report but still less than 50% of the time.
- Documentation of dressing due date
 - Nurses had a significant improvement in consistently documenting dressing changes due date.



Barries/Limitations

At the beginning of the implementation period, CICU had a very low patient census, thus decreasing the sample size for this study. Visual cues and verbal reminders began to work later on in implementation period. A longer time frame for implementation could have improved outcomes.

CONCLUSIONS

Dressings have a huge impact on preventing CLABSIs. Monitoring their integrity and timely changing of the dressings are a crucial part of the care bundle. Implementing visual cues and encouraging nurse to include dressing changes into their change of shift report made a impact in a limited time frame. Additional research with a larger sample size over a longer period could result in more significant outcomes.

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