Education and Compliance for Preventing CLABSI

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**Background/ Triggers**

- Noncompliance to the central line core bundle.
- The occurrence of two CLABSI on CICU.
- Poor site care and daily dressing checks.

**PICO Question**

For critical care nurses does the implementation of an educational workshop compared with no intervention increase the compliance rate to the central line core bundle.

**P:** Critical care nurses  
**I:** Educational workshop for central line maintenance  
**C:** No intervention  
**O:** Increased compliance to central line core bundle

**Implementation Plan/ Methods**

- Two CICU educational sessions were held.
- A mannequin was utilized as a demonstration.
  - RN's identified areas of non compliance
  - Use of a standardized practice to ensure adherence to infection prevention.
  - Pre and post audits of central line core bundle compliance.
    - Pre audit: 42% compliance
    - Infective preventionalist joined in rounding during the pre audit
    - Post audit: 85.7% compliance
  - Report results to patient care specialist and leadership

**Outcomes/ Conclusion**

- Post educational days, compliance rates increased by 45.5%. Thus decreasing the chances of CLABSI in CICU patient population.
- Hands on education and teach back demonstration have shown to be successful avenues of learning for staff members.

**REFERENCES**