BACCN Conference 2023

11 & 12 September,

Nottingham

AIMS:

- To identify the degree of compliance by the ICU staff to standards and protocols in infection control:
- To compare the degrees of compliance in specific practices; and
- To identify factors that cause noncompliance in applying infection control standards and protocols, explicitly dressing changes.

BACKGROUND

THE PRESENT PRACTICE OF DRESSING CARE IN ICU PATIENTS WITH CENTRAL CATHETER LINES

STAHW

OTHINK...

WE'RE

SOILED

An Evaluation of Compliance Among ICU Staff to Standards and Protocols Regarding Dressing Care of Central Catheter Lines







Central venous devices access (CVADs) vital are medical devices that provide intensive patients. standards, such as the EPIC 3 guidelines, and evidence-based literature specific to its use, CVAD-related

complications

still very prevalent.











RESULTS

CURRENT

EPIC 3: National Evidence-

Associated Infections in

NHS Hospitals in England

Based

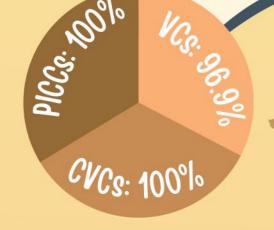
Preventing

Guidelines

STANDARD

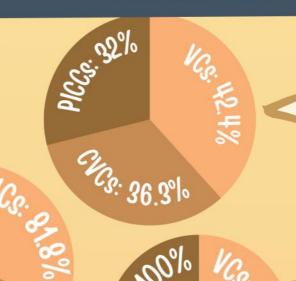
Healthcare-

for

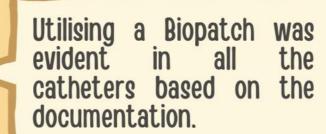


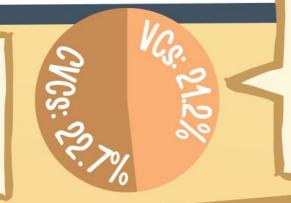
The catheters were all intact except for the Vas Caths.





Dressing change in less than a week was 42.4% done for Vascath, 36.3% in CVCs, and 32% in PICCs.





Proper documentation of the actual dressing was done 21.2% of the time with Vas Caths, 22.7% with CVCs, and 0% with PICCs.

by: Jeremay G. Lee

The Wellington Hospital

METHODS

The audit utilised a six-item questionnaire to gather the study's relevant data.

The audit identified relevant data from the Electronic Documentation System used by the unit.

LIMITATIONS

- Expiration patients.
- The conduct of the study and the results entirely the auditor's under control.

DISCUSSION

percentage of noncompliance was on proper documentation of the dressing (43.9%)

While the highest compliance was on the use of Biopatch (100%), followed intactness of the dressing.

study's the standards and protocols stated in the EPIC 3 guidelines were partially being resulted in a low percentage of CVAD-related infections in the

WHILE VASCATH, YOU NEED TO BE CHANGED.

DHAVE ANIDEAD

WHAT BRINGS YOU

HERE TODAY?

PICC, YOU'RE

STILL GOOD.

DRESSING INTACT!

RECOMMEN-DATIONS

Clinical Practice

- Careful handling of dressing.
- Proper documentation of dressing changes.
- Continued use of Biopatch.
- Continued monthly auditing.

Management and Leadership

- Assessment and implementation of changes in nurses' workload.
- Continued implementation of action plans on a oneon-one basis.

Research

 Utilize research as a reference for future research studies.

Education

 Reorientation of nurses on the EPIC 3 guidelines.



skin impairment," Journal of Wound, Ostomy & Continence Nursing, 44(3), pp. 211–220. doi: 10.1097/won.000000000000022. (2) Loveday, H. P., Wilsona, J. A., Pratta, R. J., Golsorkhia, M., Tinglea, associated with the use of intravascular access devices," in Epic3: National Evidence Based Guidelines for Preventing Healthcare Associated Infections in NHS hospitals in England. Amsterdam: Elsevier. (3) Mitchell, Playford, E. and Rickard, C. M. (2020) "Central Venous Access Device securement and dressing Critical Care, 33(5), pp. 441–451. doi: 10.1016/j.aucc.2019.10.002.