

DISCLAIMER

OUR GROUP USES THE BRAND NAME VOCERA THROUGHOUT THIS

PRESENTATION, ALONG WITH VARIOUS BRAND NAME CLEANING

PRODUCTS FOR THE SOLE PURPOSE OF THIS EVIDENCE BASED

PRACTICE PROJECT. WE DO NOT ENDORSE ANY OF THESE BRANDS

AND ARE NOT BEING SPONSORED BY THEM.

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DID YOU KNOW?

"I in 31 patients in hospital facilities have a healthcare associated infection." (CDC, 2021)







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PICO

Would education, recommendations and policy improvements related to Vocera cleaning practices increase cleaning compliance of Voceras for staff that are directly involved in patient care at Cook Children's Medical Center?

EBP PURPOSE STATEMENT

The purpose of our evidence-based project is to reduce the risk of hospital-associated infections at Cook Children's Medical Center by recommending a standardized policy related to Vocera cleaning and improving knowledge and compliance rates of evidence-based cleaning practice.

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SUMMARY OF LITERATURE SYNTHESIS: TYPES OF EVIDENCE FOUND SEVEN ARTICLES FOUND Years: 2002 - 2023 Level 4= 2 Level 3= 1 Level 2= 4 Level 2= 4 Level consideration and evidence foods for the control of the control of

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Staphylococci bacteria can survive on inanimate objects for as long as seven months (Gopinath et al., 2011) "Coagulase-negative bacteria is recognized as a low-virulent organism and the most common contaminant bacteria within the hospital." (Alfarawi et al., 2019)

"Findings suggest that regular disinfection of pagers should be implemented by health care workers to prevent spread of potential pathogens including invasive Gram negatives species." (Arora, et al., 2020) "Coagulase-negative Staphylococcus [...] species were isolated[...]. Although these organisms are considered skin contaminants, [...] they may become pathogens in intensive care or hematology/oncology units." (Arora et al., 2020)

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CURRENT POLICIES Policy OR- 025: "Non-critical items are those that come in contact with unbroken/intact skin. Examples of non-critical items include: tourniquets and blood pressure cuffs, linens, mayo-stands and other OR furnishings. These items do not require sterilization, but do require thorough cleaning to remove both visible and non-visible debris with disinfecting wipes."

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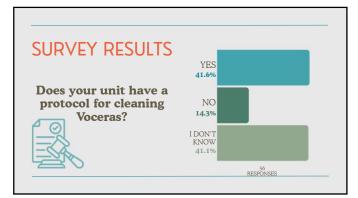
CURRENT POLICIES Policy IC- 110: "Non-critical items which touch intact skin must minimally undergo low-level disinfection. Examples are stethoscopes, crutches, wheelchairs, scales, thermometers, exam tables, IV poles, countertops, and other surfaces."

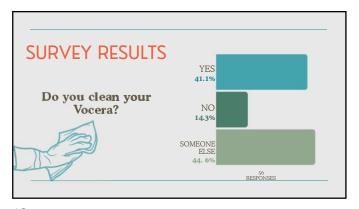


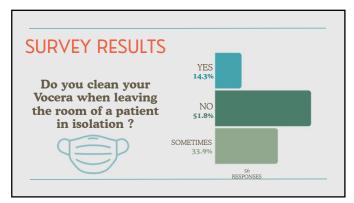
SIGNIFICANCE There is currently no policy stating how to properly clean your Vocera Staff are not held to an expected standard of caution and cleanliness Increase in pathogenic growth on Voceras Potential increase of healthcare-associated infections

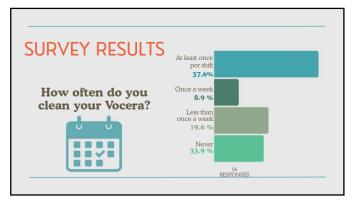


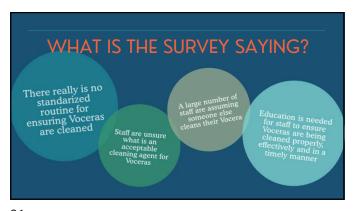


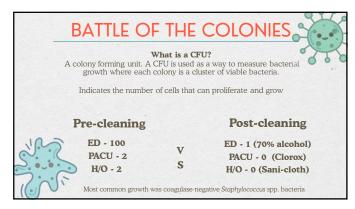


















VOCERA CLEANING POLICY

The purpose of this policy is to increase the compliance of proper Vocera hygiene and reduce the potential for hospital-associated infections.

Voceras need to be cleaned with Cook Children's and Vocera manufacturer approved cleaning products while in use. Voceras are to be cleaned under the circumstances listed below.

-When contamination is suspected
-When visibly soiled
-Before and after a shift involving direct patient care (including inpatient, outpatient and surgical

areas)
-After handled inside a patient room under isolation precautions

To clean Voceras

-Use Sani-Wipes, Clorox Wipes, or 70% isopropyl alcohol
-Clean the entire surface, including the touch screen on newer Voceras.
-The surface should remain wet and allowed to air dry per guidelines associated with the selected cleaning agent

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