Chlorhexidine Gluconate Baths (CHG Baths) for Patients with Central Lines

New Process for Patients with Central Lines

Effective: December 2, 2014

Developed October 2014 Center for Best Practice

Objectives

• The nurse will be able to:

- Identify the impact of CHG bathing
- Identify the steps taken in giving a patient a CHG bath
- Use the decision tree to identify those patients that should not receive CHG baths
- Discuss documentation necessary for CHG baths

Why Utilize CHG Baths?

- Studies show daily baths with CHG cloths reduce central line infections.
 - Daily patient bathing reduces risk of blood stream infections (BSIs) including bacteremia and fungemia
 - Daily patient bathing reduces risk of acquisition of MDROs (multi-drug resistant organisms)

Why Utilize CHG Baths?

- There are no serious skin reactions reported with the use of CHG bathing.
- This intervention is relatively straight forward to implement and sustain. It does not require a substantial change from routine patient-bathing practices.
- There are cost savings associated with avoidance of health care acquired infections.
- The potential to improve patient satisfaction. Patients appreciate knowing we are utilizing interventions to keep them safe from infections.

Why Use the 2% CHG Cloths?

- The persistence of CHG on the skin allows prolonged and cumulative antibacterial effect.
 - A 2% CHG impregnated alcohol-free no-rinse cloth used for presurgical skin preparation is associated with excellent rapid reductions of bacterial counts.
- The 2% no-rinse cloth appears to be more effective at reducing skin colonization than a 4% CHG solution that must be rinsed off.

Reducing surgical site infections; 3/2008. http://infectioncontroltoday.com/articles/2008/03.reducing-surgical-site-infections.aspx

Why Use the 2% CHG Cloths?

- The no-rinse nature of the CHG cloth may result in greater CHG residual on the skin.
- The exfoliative nature of the CHG cloth may improve its performance.
- A 2% CHG no-rinse cloth protocol helps to ensure patient compliance as opposed to undocumented patient showering with chlorhexidine at home.

Reducing surgical site infections; 3/2008. <u>http://infectioncontroltoday.com/articles/2008/03.reducing-surgical-site-infections.aspx</u>

CHG Bathing Process

- All inpatients with Central Lines will begin daily CHG baths as soon as the Central Line is inserted or on admission if Central Line is already present.
- If patient desires and is able per MD order:
 - Following the shower, the nurse/nurse tech will bathe patient with CHG impregnated cloths.
 - The nurse/nurse tech will give ALL CHG baths to ensure proper prep of patient.
 - It is recommended that the patient does not shower once the CHG baths have begun.
 - The cumulative effect of CHG baths on the skin provides the best benefit.



CHG Bathing

- If a patient can not have a CHG bath because of skin breakdown, allergy, etc., then an alternative bathing method must be used.
- Never use a basin to give a patient a bath
- Never use the sink to give a patient a bath
- If a patient refuses the CHG bath, this must be documented under daily hygiene in the comment section.

CHG Bath Wipes



- CHG Bath Wipes come prepackaged in a single packet that contains three individual packets.
- Each individual packet contains 2 CHG impregnated wipes.
- CHG wipes will be warmed using the CHG warming cabinet (next slide).

New CHG Warming Cabinet





NO MORE GUESSING WHICH PACKAGESARE WARM AND READY FOR USE.

Each package is warmed to a consistent, reliable temperature. Lighted indicators automatically show which packages are warm and ready, and which ones are not.

- Warm CHG bath pack at least 1 hour prior to use
 - Place CHG pack in warmer once you are aware you need to bathe a patient.
 - <u>Do not pre-stock</u> cabinet due to short window of CHG viability once warmed.
 - Packets are only good for 72 hours once warmed.

New CHG Warming Cabinet



READY

TAKE FIRST

DISPOSE

NO MORE GUESSING WHIC PACKAGESARE WARM AND READY FOR USE.

Each package is warmed to a consistent, reliable temperature. Lighted indicators automatically show which packages are warm and ready, and which ones are not.

Light Indicators

Yellow Light

• Cloth is warming, not yet ready.

Solid Green Light

• Cloth is ready to use.

Blinking Green Light

• Cloth is aging out, use this one first.

Red light

• Cloth is expired, do not use, dispose of it.

CHG Bath Instructions



Use one wipe each (6 total)

- 1. To clean neck, chest, abdomen & groin
- 2. To clean back and buttocks
- 3. To clean left arm
- 4. To clean right arm
- 5. To clean left leg
- 6. To clean right leg
- Do not wash face or perineal area with CHG wipes.
- Do not use CHG on mucous membranes or severely abraded skin.

For Patients with Central Lines

★Important to Remember

- For patients with Central Lines, once an area has been cleansed with CHG cloth, DO NOT return to the same area.
- For heavily soiled skin, face and perineal area:
 - Use soap & water, *Aloetouch* cleansing cloths, or *Remedy* foaming body cleanser
 <u>or</u>
 - Patient may shower **PRIOR** to beginning CHG Baths.
- If lotion is desired, use only Kindest Kare Skin Cream (a CHG compatible lotion).
- Document CHG Bath



REMEMBER:

All CHG baths should be documented in EPIC.

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