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OBGYN Surgical Prep Standardized Process Presentation

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Recommended Citation

Hartman, Cortney MBA-HM, CST, CRCST, CIS, "OBGYN Surgical Prep Standardized Process Presentation" (2019). *Posters & Presentations*. 2.

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OBGYN Surgical Preps

To lower the occurrences of SSIs and standardize the process of surgical preparation across Parkview Health System, the following changes were adopted on August 15, 2019.



INFECTION PREVENTION BUNDLE

- Preoperative skin cleansing/bathing with *CHG cloths* (sage wipes)
- Preoperative *prophylactic antibiotics*
- Preoperative *vaginal cleansing with chlorhexidine gluconate 4%* (Hibiclens)
- Preoperative *abdominal skin preparation with chlorhexidine-alcohol* (Chloraprep)
- Iodine drape
- Mepelex dressing



Vaginal Prep Instructions

1. Place a waterproof pad under the buttocks with a kick bucket below for discarded scrub sticks.
2. Scrub across the pubis first from the pubic area across the vulva and perineum (Figure 2). Discard the sponge.
3. Using a new sponge for each, scrub each thigh from the labia outward.
4. Insert a new scrub stick into the vagina with generous solution and scrub vagina and cervix (Figure 3). Repeat.
5. Insert a dry scrub stick into the vagina to absorb any extra fluid. Discard the scrub stick.
6. Remove the under-buttock drape and discard.



Figure 2. Applying antiseptic solution to the vaginal preparation area. *Illustration by Kurt Jones.*

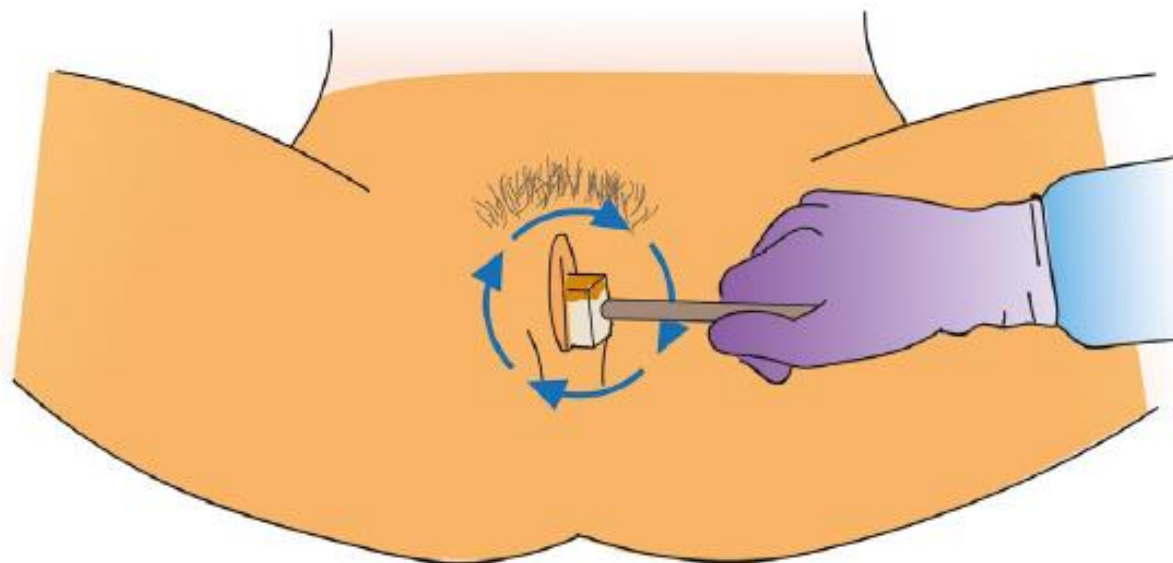


Figure 3. Completing the vaginal preparation with antiseptic solution and a scrub stick. *Illustration by Kurt Jones.*

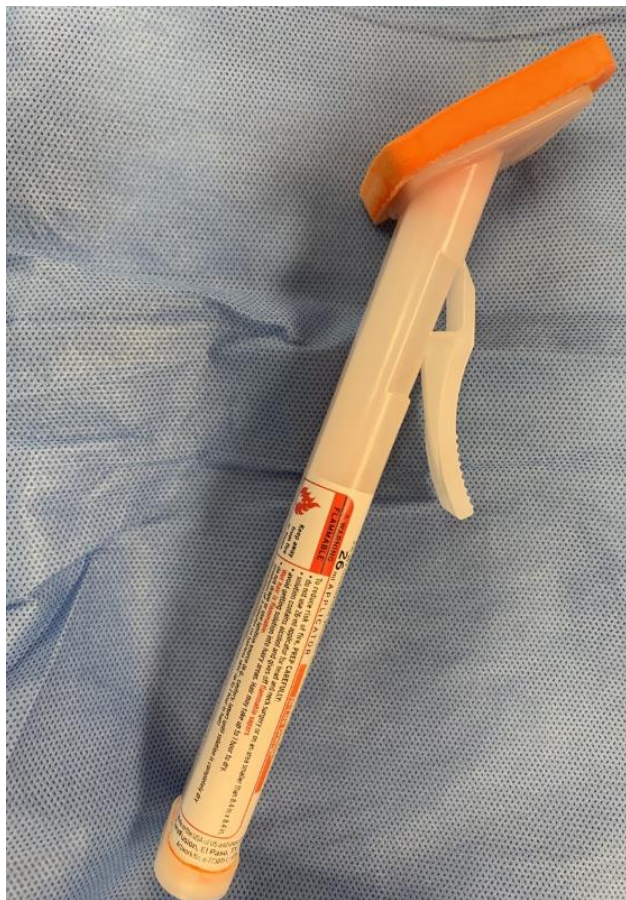
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Next →



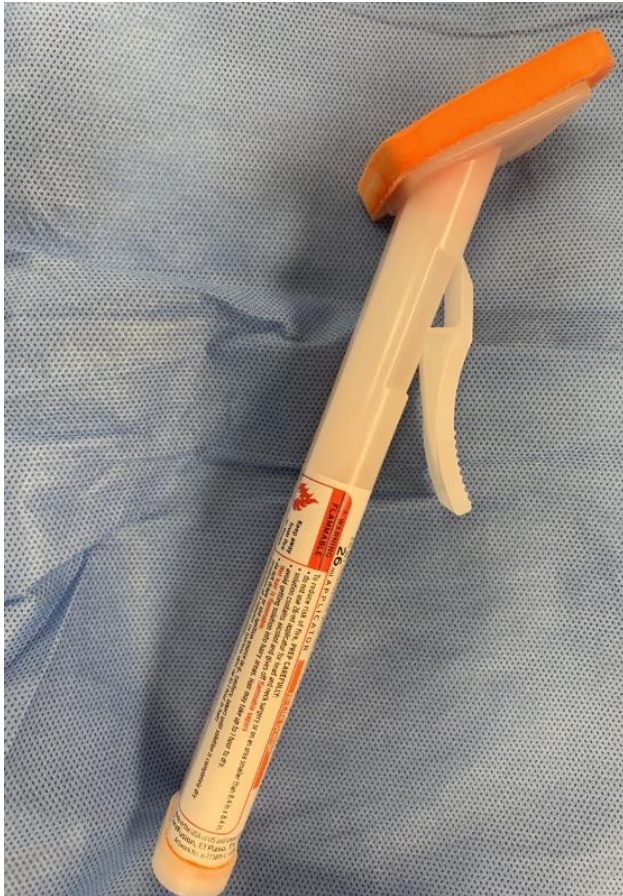
Abdominal Prep Instructions



If the incision site is a **dry** area:

- scrub 30 second of gentle friction over the incision site before moving out to periphery
- Use scrubbing motion to penetrate the skin layers
- 3 minutes dry time

Abdominal Prep Instructions



If the incision site is a **moist** area:

- scrub 2 minutes of gentle friction over the incision site before moving out to periphery
- Use scrubbing motion to penetrate the skin layers
- 3 minutes dry time



References

Guideline for preoperative patient skin antisepsis. In: *Guidelines for Perioperative Practice*. Denver, CO: AORN, Inc; 2019:579-606

Lee, A., DNP, ARNP, WHNP-BC (2019). Conversion to CHG for Perioperative Vaginal Preparation. *AORN Journal*. August 2019, Vol. 110, No. 2.

Please send questions to Cortney.webb@Parkview.com



Chlorohexidine-alcohol (Chloraprep)

- Do not revisit a prepped area unless you have a new applicator
- Do not use Chloraprep in the vagina
- Prep must be allowed to dry for 3 minutes
 - This ensures maximum bacterial reduction and residual protection
 - This reduces skin irritation and potential chemical burn
 - This reduces fire risk