



ALCAVIS⁵⁰

**HIGH-LEVEL DISINFECTANT
COMPATIBLE WITH CATHETERS,
CAPS & CONNECTORS**

Transfer Set Change Using Alcavis[®] 50

Supplies:

- Alcavis[®] 50
- 2 Sterile gloves
- 3-4 packages of sterile 4x4 gauze pads
- 2 Sterile drapes
- Plastic clamp without teeth
- Transfer set and other supplies to complete exchange
- 2 Masks
- Sterile cup or tray

- Have patient remove transfer set from clothing. (Do not disconnect transfer set)
- Place plastic clamp on the peritoneal catheter
- Staff member should wash hands and use appropriate PPE; patient should use a face mask
- Open sterile drape
- Open lid of sterile cup and fill with 100 ml of Alcavis 50
- Open all packages of sterile 4x4's; saturate gauze pads with ample amounts of Alcavis 50 (8-12 ml gauze pack)
- Have patient pick up catheter and transfer set
- Nurse should place the sterile drape under the catheter-transfer set connection; patient should drop catheter onto sterile field
- Open new transfer set and mini-cap and maintain sterility
- Put on sterile gloves
- Pick up first set of 4x4's saturated with Alcavis 50 and scrub the connection between transfer set and patient catheter maintaining contact for 1 minute

Next refer to Option 1 or Option 2 below:

OPTION 1: Using the second set of 4x4's saturated with Alcavis 50, wrap the connection ensuring contact for 1 minute. Carefully twist and separate transfer set from catheter.

OPTION 2: Using dry sterile 4x4's, carefully twist and separate the connection and drop the patient catheter end into the sterile cup filled with Alcavis 50. Submerge catheter end completely for 1 minute. Replace sterile gloves if cup exterior is not sterile. Pick up new transfer set, maintaining sterility, and apply new transfer set to catheter. Make sure the connection is tight. Remove clamp. Discard used supplies.

**Evaluation of a disinfection regiment for the treatment of CVC Access Hubs*

Procedures for Use

Preparation of Central Venous Catheter for Initiation and Discontinuation of Hemodialysis Treatment

Supplies:

- Alcavis[®] 50
 - 2 packages of sterile 4x4 gauze pads
 - Chux sheet
 - Sterile underpad*
 - Non-sterile gloves
 - Staff face shield
 - Patient mask
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- Staff member should wash hands and comply with clinic PPE; patient should don a face mask
 - A sterile underpad should be placed under the catheter
 - On a chux sheet, carefully open both packages of 4x4 gauze pads keeping pads on sterile wrappers
 - Saturate both sets of 4x4 gauze pads with ample amounts of Alcavis 50 (8-12 ml)
 - Put on clean, non-sterile gloves
 - Carefully place the catheter venous port in an Alcavis 50 saturated 4x4 gauze pad and scrub the catheter end and port for 1 minute
 - Carefully place the catheter arterial port in a saturated Alcavis 50 4x4 gauze pad and scrub the catheter end and port for 1 minute; make sure to scrub in an agitating motion when cleaning ports
 - Carefully wrap the arterial port in a saturated Alcavis 50 4x4 gauze pad
 - Carefully wrap the venous port in a saturated Alcavis 50 4x4 gauze pad
 - Leave each port wrapped for 1 minute
 - Carefully unwrap the catheter ports for initiation of dialysis treatment per clinic protocol
 - Repeat this process for the discontinuation of the dialysis treatment per clinic protocol

**Procedure can be done via sterile or aseptic technique*

Active Ingredient:
Sodium Hypochlorite (NaOCl) 0.55%
Inert Ingredients:
Sodium Chloride (NaCl) 9.0%; Purified Water (H₂O) q.s.



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ALCAVIS 50

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Procedures for Use

Alcavis 50® Scrub of the External Peritoneal Dialysis Transfer/Extension Set

Supplies:

- Alcavis® 50
- Mask
- Chux sheet or lap pad
- 2 2x2 or 4x4 gauze pads (non-sterile or sterile)

Prior to Connecting:

- The patient and others in the room should use a face mask
- The patient should wash hands and use hand sanitizer
- Place lap pad on lap, lay catheter transfer/extension set on pad
- Check that the clamp is closed tightly on the transfer/extension set
- Open 2x2 or 4x4 gauze pad and saturate with approximately 5-8 ml of Alcavis 50 solution
- Wrap the wetted gauze pad around the last inch end of the transfer/extension set and gently scrub for approximately 1 minute
- Wrap and soak the last inch of the transfer/extension set for 1 minute
- Remove wetted gauze pad and immediately proceed with the connection step to the CAPD or cyclor tubing

Prior to Disconnecting:

- The patient and others in the room should use a face mask
- The patient should wash hands and use hand sanitizer
- Place lap pad on lap, lay catheter transfer/extension junction on pad.
- Closed the clamps on the transfer/extension set and connecting tubing
- Open 2x2 or 4x4 gauze pad and saturate with approximately 5-8 ml of Alcavis 50 solution
- Wrap the wetted gauze pad around the connection between the end of the transfer/extension set and the CAPD or cyclor tubing junction and scrub gently for 1 minute
- Wrap and soak the junction for 1 minute
- Remove the wetted gauze pad and proceed with the disconnection steps to the CAPD or cyclor tubing
- Discard supplies

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