

**W**ould you like  
a time saving disinfectant for:  
CVC initiation and  
discontinuation of dialysis treatment,  
PD transfer set change,  
injection port disinfection?

# ALCAVIS 50

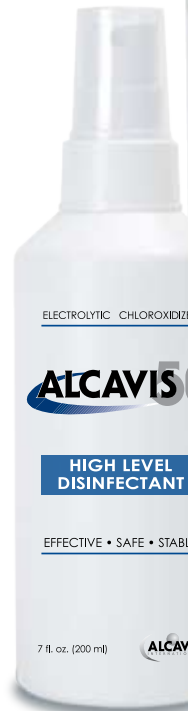
High Level Disinfectant

**Alcavis 50** reduces the required  
contact time to 2 minutes.  
**Alcavis 50** is compatible with silicone and  
polyurethane catheters, connectors and caps  
currently available on the market.  
**Alcavis 50** is the clear non-staining  
solution for dialysis disinfection.



RESEARCH AND COMMITMENT IN DISINFECTION

Contact us at:  
**ALCAVIS International, Inc.**  
8322 Helgerman Court - Gaithersburg - MD 20877 - USA  
1 (800) 726-2308  
[www.alcavis.com](http://www.alcavis.com)





**Product Codes:**

200 ml spray: 15502  
 250 ml bottle: 15508  
 500 ml bottle: 15501

# Alcavis 50

**Electrolytically produced Sodium Hypochlorite 5,500 ppm Available Chlorine**

**Active Ingredient:**

Sodium Hypochlorite (NaOCl) 0.55%

**Inert Ingredients:**

Sodium Chloride (NaCl) 9.0%  
 Purified Water (H<sub>2</sub>O) q. s.

## Alcavis 50

**Effective**

high level disinfectant, fast acting, active against bacteria, fungi, spores, mycobacteria and viruses

**Safe**

non sensitizing, non allergenic

**Compatible**

can be used with all catheters and connectors currently on the market

### TABLE OF ANTIMICROBIAL ACTIVITY

Germ	Strains	CFU/ml	KE%	Time in minutes		
				1'	5'	15'
Staphylococcus aureus	SG 511	10 <sup>8</sup>	100	█	█	█
Streptococcus faecalis	ATCC 10541	10 <sup>8</sup>	100	█	█	█
Escherichia coli	NCTC 8196	10 <sup>8</sup>	100	█	█	█
Klebsiella pneumoniae	ATCC 13883	10 <sup>8</sup>	100	█	█	█
Proteus vulgaris	NTCT 4635	10 <sup>8</sup>	100	█	█	█
Pseudomonas aeruginosa	ATCC 15442	10 <sup>8</sup>	100	█	█	█
Mycopacterium smegmatis	NCTC 333	10 <sup>8</sup>	100	█	█	█
Candida albicans	ATCC 2091	10 <sup>8</sup>	100	█	█	█
Herpes simplex virus	type I, VR 260	*	>99.9	█	█	█
Poliovirus	VERO	*	>99.99	█	█	█
HIV-1	LAI	*	>99.999	█	█	█
HBV	*	*	*	█	█	█

\*Ask for test report details

### 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

**PROCEDURE**

- 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 an **Alcavis 50** saturated 4x4 gauze pad and scrub the catheter end and port for 1 minute. Make sure to rub in an agitating motion when cleaning ports.
- Carefully wrap the arterial port in an **Alcavis 50** saturated gauze pad.
- Carefully wrap the venous port in an **Alcavis 50** saturated gauze pad. Leave each port wrapped for at least 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.

### TRANSFER SET CHANGE USING ALCAVIS 50

**SUPPLIES**

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

**PROCEDURE**

- 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 don appropriate PPE. Patient should don a face mask.
- Open sterile drape.
- Open lid of sterile cup and fill with 100 ml's 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 minicap 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 one 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 one 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 one 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.

### DISINFECTION OF MEDICATION PORT

**SUPPLIES**

- **Alcavis 50**
- (1) package of sterile 2x2 gauze pads
- PPE according to clinic's protocol

**PROCEDURE**

- Staff member should wash hands and comply with clinic PPE.
- Saturate 2x2 gauze pads with ample amounts of **Alcavis 50** (3 - 5 ml).
- Aseptically place **Alcavis 50** saturated 2x2 gauze pads on port to be disinfected.
- Leave gauze pads on port for 2 minutes.
- Remove gauze pads and continue according to clinic protocol.

For any question regarding this product or to request literature contact:  
 Alcavis International, Inc. Customer Service at 1 (800) 726-2308 or online at [www.alcavis.com](http://www.alcavis.com)