

Using the TrachSeal™ Closed Suction System

TrachSeal Closed Suction Systems

Set-up

Select the appropriate TrachSeal for the ET/ tracheostomy tube being used from the table.

ET tube size	TrachSeal
● 5.0	F10
● 5.5	F10
○ 6.0	F12
○ 6.5	F12
● 7.0	F14
● 7.5	F14
● 8.0 and above	F16



Remove the disconnection wedge from the retained cap.



Attach the TrachSeal between the ET/ tracheostomy tube and the breathing system using the 22M/15F connector at the patient end. Use of the catheter mount is optional. When using the 72 hour TrachSeal make sure the isolation valve is in the closed position.



Attach the multilingual day sticker from the pack to identify when the product is due to be changed.

Suction Procedure

1. Attach the suction tubing to the suction connection on the TrachSeal.
2. Suction negative pressure should not exceed 150 mmHg.
3. Pre oxygenate the patient prior to suctioning in line with the hospital unit policy.

Above based on published AARC clinical practice guidelines: Endotracheal Suctioning of Mechanically Ventilated Patients With Artificial Airways 2010.



On the 72 hour TrachSeal products, open the isolation valve by aligning the two arrows.



Forward the catheter gently until the numbers on the ET tube and the numbers on the catheter are aligned. Then advance a further two centimeters.



Push down the suction valve and slowly pull the catheter back in a straight motion. Suction should not exceed 15 seconds.



Withdraw the catheter until the black marker is visible on the distal side and you feel a click.



On the 72h product, lock the isolation valve after suctioning.

Cleaning Procedure



Open the cap of the rinsing port and attach a saline vial or syringe. Depress the suction valve to activate. Rinse until the catheter tip is clean. Close the rinse port cap when finished.



It is important to lock the suction valve at the end of the procedure. This ensures that the valve is not accidentally depressed, which could compromise ventilation.

Removal



Use the included disconnection wedge to remove TrachSeal from the ET tube. Slide it between ET tube and TrachSeal and push upwards against your thumb. Discard TrachSeal following hospital procedure.

24 hour TrachSeal

Code	Description	Size
● 3240002	Adult endotracheal	F16
● 3240001	Adult endotracheal	F14
○ 3240000	Adult endotracheal	F12
● 3240003	Adult endotracheal	F10
● 3240007	Adult tracheostomy	F16
● 3240006	Adult tracheostomy	F14
○ 3240005	Adult tracheostomy	F12
● 3240004	Adult tracheostomy	F10

24 hour TrachSeal with saline ampoules

Code	Description	Size
● 3241002	Adult endotracheal	F16
● 3241001	Adult endotracheal	F14
○ 3241000	Adult endotracheal	F12
● 3241003	Adult endotracheal	F10
● 3241007	Adult tracheostomy	F16
● 3241006	Adult tracheostomy	F14
○ 3241005	Adult tracheostomy	F12
● 3241004	Adult tracheostomy	F10

72 hour TrachSeal

Code	Description	Size
● 3720002	Adult endotracheal	F16
● 3720001	Adult endotracheal	F14
○ 3720000	Adult endotracheal	F12
● 3720003	Adult endotracheal	F10
● 3720007	Adult tracheostomy	F16
● 3720006	Adult tracheostomy	F14
○ 3720005	Adult tracheostomy	F12
● 3720004	Adult tracheostomy	F10

72 hour TrachSeal with saline ampoules

Code	Description	Size
● 3721002	Adult endotracheal	F16
● 3721001	Adult endotracheal	F14
○ 3721000	Adult endotracheal	F12
● 3721003	Adult endotracheal	F10
● 3721007	Adult tracheostomy	F16
● 3721006	Adult tracheostomy	F14
○ 3721005	Adult tracheostomy	F12
● 3721004	Adult tracheostomy	F10

Use patient monitoring throughout the procedure and follow published suction guidelines.

User video available at www.intersurgical.com/products/critical-care/trachseal-closed-suction-systems

These instructions do NOT constitute a comprehensive guide to the preparation and use of the TrachSeal™ Closed Suction system. The user should first familiarize themselves with the complete Instructions For Use (IFU) before attempting to use the TrachSeal™ Closed Suction system



Intersurgical Ltd, Crane House, Molly Millars Lane, Wokingham, Berkshire, RG41 2RZ, UK
T: +44 (0)118 9656 300
info@intersurgical.co.uk www.intersurgical.co.uk