

# Application guide for Negative Pressure Wound Therapy

## Renasys foam dressing application

Use clean or aseptic techniques for application, according to your institutional protocol. Thorough wound cleansing should occur with each dressing change.

<b>1. Clean and debride:</b> any devitalised or necrotic eschar tissue and cleanse the wound and pat dry.		<b>2.</b> If desired, protect the periwound skin from exposure to moisture and adhesive through the use of skin sealant. Allow the skin sealant to dry fully prior to placement of the transparent film.	
<b>3.</b> Ensure non-adherent wound contact layer is applied. Trim a single layer of non-adherent gauze (atruaman if no infection or acticoat flex if infection) and lay across the wound bed.		<b>4. Dress the wound with foam</b> Cut the foam dressing to fit the size and shape of the wound. Foam should completely fill the wound. Do not cut the foam directly over the wound.  Do not force foam into the wound or place within an unexplored tunnel.  <i><b>Precaution:</b> If multiple pieces of foam are used to fill the wound, record how many pieces are present to ensure all pieces are removed at a dressing change.</i>	 
<b>5. Seal the wound:</b> While holding the transparent film, expose one side of the adhesive backing by removing a single panel, and apply over the wound.  <i>Overlap the edges of the transparent film by a minimum of 7.5cm/3in when using multiple pieces of transparent film.</i>		<b>6. Apply Renasys soft port:</b> Cut a circular opening (no less than 2cm in diameter) in the centre of the film, over the wound filer.  Remove any loose transparent film and dispose of away from the wound.	
<b>7.</b> Remove the adhesive backing panel from the RENASYS soft port dressing, and align directly over the hole in the transparent film.		<b>8.</b> Smooth the dressing down while removing the RENASYS soft port stabilization frame.	
<b>9.</b> Secure the RENASYS soft port to the patient according to your institutional protocol. Ensure the aeration disc, located near the orange quick click connector, is not covered or otherwise occluded by the method used to secure the soft port.		<b>10.</b> Connect the RENASYS soft port to the canister tubing by pushing the orange quick click connectors together. An audible click indicates connection is secure.  Activate the RENASYS pump ensuring that it is operating at the prescribed therapy level. The finished dressing should be fully compressed, firm to the touch and leak-free.	



Here is a video showing you the application of foam with RENASYS

<https://www.youtube.com/watch?v=HSbaN0HkbQI>



### Dressing frequency:

- Ensure a 48 hour wound check is completed after the 1st application of NPWT.
- If red frank blood is visible, stop therapy, remove dressing and stem bleeding. Do not restart therapy until bleeding discontinued.
- If no concerns after 48 hour wound check change dressing twice weekly.
- If dressing becomes soiled with faeces or urine redress the wound.