

# Application guide for Negative Pressure Wound Therapy Renasys gauze dressing

- Use an aseptic techniques for application.
- Wound cleansing should occur with each dressing change, in line with the Pathway for Wound Cleansing.
- If the wound is located on a weight bearing are or has heavy exudate consider use Foam or foam in combination with gauze to prevent the transfer of fluid and vacuum being affected from weight-bearing pressure.

<p><b>1. Clean and debride:</b> any devitalised or necrotic eschar tissue and cleanse the wound and pat dry.</p>		<p><b>2.</b> Protect the periwound skin from exposure to moisture and adhesive through the use of skin barrier protector such as Sorbaderm barrier film.</p>	
<p><b>3.</b> If there are any exposed supporting structures, such as muscle or bone, apply, a non-adherent wound contact layer.  Trim a single layer of non-adherent gauze and lay across the wound bed.</p>		<p><b>4. Dress the wound with Gauze:</b> Apply a layer of saline moistened gauze to wound bed. Unfold remaining saline-moistened gauze and loosely fill the entire wound cavity. Avoid over packing the wound.  <i>Precaution:</i> If multiple pieces of wound filler are needed record how many pieces are present.</p>	
<p><b>5. Seal the wound:</b> Cover wound filler with transparent film, by holding the transparent film, expose one side of the adhesive backing by removing a single panel to seal.  <i>Overlap edges by a 7.5cm/3in when using multiple pieces and avoid over stretching.</i></p>		<p><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 filler.  Remove any loose transparent film and dispose of away from the wound.</p>	
<p><b>7.</b> Remove the adhesive backing panel from the RENASYS soft port and align directly over the hole in the transparent film.</p>		<p><b>8.</b> Smooth the dressing down while removing the RENASYS soft port stabilization frame.</p>	
<p><b>9.</b> Secure the RENASYS soft port to the patient. 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.</p>		<p><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.</p>	

**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.