1. Installing the canister
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1. Installing the canister

- Remove paper tape around the canister tubing to release tubing to the full length
- Open both of the orange clips
- Align the canister so that the volume marks are facing forward
- Push the canister gently over the inlet port of the device
- Engage both orange clips (clips will click when they are properly engaged)

2. Turning on the device

- Press and hold the power button for 2 seconds. The touch screen will light up and initiate start up as demonstrated below:

1. Smith & Nephew screen
2. Status indicator flashes yellow then green
3. Audible alarm sounds
4. Welcome screen
5. Home screen displays upon completion
3. Turning off the device

- Press and hold the power button for 2 seconds. The touch screen will light up and initiate start up as demonstrated below:

1. Green bar in circle depletes for 2 seconds
2. Powering down
3. Device is powered off

4. Switching between Continuous and Intermittent therapy

- To switch between Continuous and Intermittent therapy, ensure therapy is paused and press the therapy mode toggle on the home screen.

Continuous therapy home screen

Intermittent therapy home screen
5. Starting therapy – Continuous

Step 1: Ensure that the device is powered on and the Continuous therapy home screen is displayed.

Step 2: Use the + or – buttons to select prescribed pressure setting.

Step 3: Press the Start/Pause Therapy button to start delivering therapy.

When therapy is active the status indicator on top of the device illuminates green and the therapy indicator at the top of the screen will rotate orange.

6. Starting therapy - Intermittent

Step 1: Ensure that the device is powered on and the Intermittent therapy home screen is displayed.

Step 2: Change the high and low therapy settings and cycle times by selecting the setting and use the + or – to the prescribed pressure/time.

Step 3: Press the Start/Pause Therapy button to start delivering therapy.

When therapy is active the status indicator on top of the device illuminates green and the therapy indicator at the top of the screen will rotate orange.

All 4 settings can be adjusted within the following ranges:

- **High therapy**
  - 25, 40, 50, 60, 70, 80, 90, 100, 120, 140, 160, 180, 200mmHg

- **High cycle times:** 3, 5, 8, 10 minutes

- **Low therapy**
  - 0, 25, 40, 50, 60, 70, 80, 90, 100, 120, 140, 160, 180mmHg

- **Low cycle times:** 2, 3, 5, 8, 10 minutes
7. Checking dressing for seal

Follow on screen seal checking instructions, once seal is achieved the screen will display “seal achieved” and then display “delivering therapy.”

Look for “raisin-like” appearance

Listen for a “hissing” sound, indicating a leak

Feel the dressing, which should be hard to the touch

Possible site of leak
• Wrinkle or crease
• Skin fold or crevice

Intervention
Seal film edges with film dressing.
If hole found in transparent film, patch with adhesive transparent film, or use the RENASYS™ Adhesive Gel Patch.

8. Locking the screen

The Lock function locks the touchscreen and Start/Pause therapy icon – power icon is not locked. The status indicator continues to illuminate green to indicate the device is still delivering therapy.

In the event of an alarm, the device will automatically unlock and the alarm screen will display.

The device will automatically lock and enter sleep mode after 5 minutes without user interaction.
The RENASYS™ TOUCH Negative Pressure Wound Therapy (NPWT) devices are NOT
designed to directly detect bleeding or pooling of fluid under the dressing. These
conditions may only be detected by frequent monitoring.

**Carefully monitor the patient, device and dressing frequently to determine if there are any signs of:**

- Bleeding
- Exudate accumulation (pooling)
- Infection
- Maceration
- Loss of Negative Pressure Wound Therapy

The frequency of monitoring should be determined by the clinician according to the
individual characteristics of the patient and wound.

**Precaution:** The use of negative pressure presents a risk of tissue ingrowth into the
foam/gauze. Tissue ingrowth may be reduced by lowering therapy pressure, using a
wound contact layer or by increasing the frequency of dressing changes.

**WARNING** Carefully monitor patients for signs of bleeding, which may lead to interruption
in therapy and hemodynamic instability. If such symptoms are observed, immediately
discontinue therapy, take appropriate measures to control bleeding, and contact treating
clinician.

NPWT may be impacted by various conditions related to system configuration, set up and
individual characteristics of the patient and wound.

**Fluid removal and NPWT vacuum at the wound bed may be impacted by:**

- Alignment of the port to the opening of the drape
- Bridging technique
- Choice of dressing configuration (choice of wound filler)
- Exudate volume, viscosity and consistency
- Full canister
- Incorrect device orientation

Exudate accumulation within the wound could lead to maceration and infection or
unrecognized bleeding.

Monitor the wound for signs of infection and ensure all wound filler is removed at each
dressing change.

Skins grafts should be closely monitored to ensure NPWT is being delivered.
10. Device orientation during therapy

The device is designed to operate in an upright position. Operation in the upright position optimizes canister volume and alarm functionality.

Operating the device in a face-down position could result in damage to the device and inadvertent changes to therapy settings. Operating the device in an inverted position could impact filter occlusion resulting in a blockage alarm and requiring a change of canister.

11. Choice of wound filler

The choice of wound filler will be influenced by the amount and consistency of wound exudate.

<table>
<thead>
<tr>
<th>Wound exudate level</th>
<th>Low</th>
<th>High</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Gauze</td>
<td>Foam</td>
</tr>
</tbody>
</table>

Use of gauze as a filler in wounds that are in a weight bearing location or have moderate to heavy drainage may challenge the transfer of fluid and vacuum. Foam is recommended in these wounds.

RENASYS™ foam and gauze filler may be combined within the same wound when tunnelling or undermining is present. Gauze may be used in the areas of undermining or tunnelling, with foam placed in the remainder of the wound cavity.
12. Changing the canister

The canister kit should be changed at least once a week, whenever there is a change of patient or when the canister is visually full. Canisters may have to be changed regularly within single patient treatment episodes if exudate levels are high. Canisters are single use. Do not reuse.

13. Removing/changing the canister

1. Pause therapy or turn device Off.
2. Hold Quick Click Connectors above wound to help ensure exudate does not leak from tubing.
3. Disconnect canister tubing from dressing tubing by applying pressure to the canister Quick Click Connector and gently pulling connectors apart.
4. Close the tethered caps of both Quick Click Connectors to protect both sides of tubing and prevent leakage.
5. Release canister clips on both sides of device and gently pull canister away from device.
14. Dressing changes

1. Foam dressings should be changed every 48 to 72 hours after initial application of therapy. If no leak is present and the patient is comfortable, dressing changes should occur no less than 3 times per week.

2. Gauze dressings should be changed 48 hours after initial application of therapy. If no leak is present and patient is comfortable, dressing changes should occur 2–3 times per week.

3. In event of heavy drainage, drainage with sediment, or when blood is present, regular monitoring and more frequent dressing changes may be required.

4. When dressing a wound involving difficult to seal anatomy or exposure to external moisture, frequent inspection of dressing is recommended to ensure a seal is maintained. Ensure wound dressing is fully compressed and firm to the touch.

5. Ensure all wound filler material placed in wound has been removed before redressing wound. If foam dressing adheres to wound, apply normal saline into wound dressing and let it set for 15–30 minutes before gently removing foam. Appropriately discard used wound dressings observing your institution's protocol for medical waste handling.

6. As with all adhesive products, apply and remove dressing carefully from sensitive or fragile skin to avoid skin stripping, especially after frequent dressing changes. Use of skin sealant may assist with protection of periwound skin.

7. Check dressing regularly. Monitor patient for any signs of local or systemic infection. Infected wounds may require more frequent dressing changes. If there are any signs of systemic infection or advancing infection at wounded area, contact treating clinician immediately.
15. RENASYS™ TOUCH Gauze with Soft Port application

1. Debride any devitalized or necrotic eschar tissue. Cleanse the wound bed and pat dry as per local protocol.

2. If desired, protect the periwound from exposure to moisture and adhesive through the use of a skin sealant. Allow the skin sealant to dry fully prior to placement of the Transparent Film.

3. If desired, a non-adherant dressing may be applied. Trim a single layer of non-adherant gauze and lay across the wound bed.

4. Apply a layer of saline-moistened antimicrobial gauze to the wound bed.

5. Unfold remaining saline-moistened gauze and loosely fill the entire wound cavity. Avoid over packing the wound. Caution: If multiple pieces of gauze are needed to fill the wound cavity, count and record how many pieces are present to ensure all wound filler pieces are removed at a dressing change.

6. While holding the Transparent Film, expose one side of the adhesive backing by removing a single panel and apply over the wound. Cover the gauze with Transparent Film, removing adhesive panels to seal, then the top stabilization panel.

Recommendations: The film should extend at least 5cm beyond the wound margin and be securely anchored to the periwound to maintain a good seal. Overlap the edges of the Transparent Film by a minimum of 7.5cm when using multiple pieces of Transparent Film.

Precaution: The use of negative pressure presents a risk of tissue ingrowth into the foam/gauze. Tissue ingrowth may be reduced by lowering therapy pressure, using a wound contact layer or by increasing the frequency of dressing changes.
7 Cut a circular opening (no less than 2cm (0.79in) in diameter) in the center of the film, over the wound filler. Remove any loose Transparent Film and dispose of away from the wound.

8 Remove the adhesive panel from the RENASYS® Soft Port Dressing.

9 Align the Soft Port opening directly over the hole in the Transparent Film. Use gentle pressure to anchor the Soft Port to the Transparent Film.

10 Smooth the dressing down while removing the top stabilization frame from the RENASYS Soft Port.

11 Secure the RENASYS Soft Port to the patient according to your institutional protocol. Ensure the aeration disc, located near the Quick Click Connector, is not covered or otherwise occluded by the method used to secure the Soft Port.

12 Connect the RENASYS Soft Port tubing to the canister tubing by pushing the Quick Click Connectors together. An audible click indicates the connection is secure.

13 Activate the RENASYS Device and adjust to the prescribed therapy level. The recommended therapeutic pressure range is 40-120mmHg but this is a decision each healthcare provider must make based on an individual assessment of the wound and patient.

14 Finished dressing should be fully compressed, firm to the touch and leak free.

Precaution: The use of negative pressure presents a risk of tissue ingrowth into the foam/gauze. Tissue ingrowth may be reduced by lowering therapy pressure, using a wound contact layer or by increasing the frequency of dressing changes.
1. Debride any devitalised or necrotic eschar tissue. Cleanse the wound bed and pat dry as per local protocol.

2. If desired, protect the periwound from exposure to moisture and adhesive through the use of a skin sealant. Allow the skin sealant to dry fully prior to placement of the Transparent Film.

3. If desired, a non-adherant dressing may be applied. Trim a single layer of non-adherant gauze and lay across the wound bed.

4. Cut the foam dressing to fit the size and shape of the wound and place the cut foam into the wound. Do not cut the foam directly over the wound bed, after cutting brush the sides to dislodge any small fragments of foam.

5. Avoid over packing. Foam should completely fill the wound cavity. It may be necessary to stack multiple pieces of foam in deep wounds.

   Caution: If multiple pieces of wound filler are needed to fill the wound cavity, count and record how many pieces are present to ensure all wound filler pieces are removed at a dressing change.

6. While holding the Transparent Film, expose one side of the adhesive backing by removing a single panel and apply over the wound. Cover the foam with Transparent Film, removing adhesive panels seal, then the top stabilization panel.

   Recommendations: The film should extend at least 5cm beyond the wound margin and be securely anchored to the periwound to maintain a good seal. Overlap the edges of the Transparent Film by a minimum of 7.5cm when using multiple pieces of Transparent Film.

Precaution: The use of negative pressure presents a risk of tissue ingrowth into the foam/gauze. Tissue ingrowth may be reduced by lowering therapy pressure, using a wound contact layer or by increasing the frequency of dressing changes.
1. **Cut a circular opening** (no less than 2cm (0.79in) in diameter) in the center of the film, over the wound filler. Remove any loose Transparent Film and dispose of away from the wound.

2. **Remove the adhesive panel** from the RENASYS® Soft Port Dressing.

3. **Align the Soft Port opening** directly over the hole in the Transparent Film. Use gentle pressure to anchor the Soft Port to the Transparent Film.

4. **Smooth the dressing down** while removing the top stabilization frame from the RENASYS Soft Port.

5. **Remove the adhesive panel** from the RENASYS™ Soft Port Dressing.

6. **Connect the RENASYS Soft Port tubing** to the canister tubing by pushing the Quick Click Connectors together. An audible click indicates the connection is secure.

7. **Activate the RENASYS Device** and adjust to the prescribed therapy level. The recommended therapeutic pressure range is 40-120mmHg but this is a decision each healthcare provider must make based on an individual assessment of the wound and patient.

8. **Secure the RENASYS Soft Port to the patient according to your institutional protocol.** Ensure the aeration disc, located near the Quick Click Connector, is not covered or otherwise occluded by the method used to secure the Soft Port.

9. **Finished dressing should be fully compressed, firm to the touch and leak free.**

**Precaution:** The use of negative pressure presents a risk of tissue ingrowth into the foam/gauze. Tissue ingrowth may be reduced by lowering therapy pressure, using a wound contact layer or by increasing the frequency of dressing changes.
### RENASYS®-G

RENASYS-G Dressing Kits contain a Soft Port Dressing, antimicrobial gauze, Transparent Film, NO-STING SKIN-PREP®, non-adherent gauze, saline bullet and a wound ruler.

<table>
<thead>
<tr>
<th>Image</th>
<th>Description</th>
<th>Product code</th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="image.png" alt="Image" /></td>
<td>RENASYS-G Gauze Dressing Kit with Soft Port, Small&lt;br&gt;AMD gauze dressing&lt;br&gt;6in x 6.7in (15cm X 17cm)&lt;br&gt;RENASYS Transparent Film&lt;br&gt;Non-adherent gauze</td>
<td>66020933</td>
</tr>
<tr>
<td><img src="image.png" alt="Image" /></td>
<td>RENASYS-G Gauze Dressing Kit with Soft Port, Medium&lt;br&gt;2 AMD gauze dressings&lt;br&gt;6in x 6.7in (15cm X 17cm)&lt;br&gt;2 RENASYS Transparent Films&lt;br&gt;Non-adherent gauze</td>
<td>66020934</td>
</tr>
<tr>
<td><img src="image.png" alt="Image" /></td>
<td>RENASYS-G Gauze Dressing Kit with Soft Port, Large&lt;br&gt;AMD gauze roll&lt;br&gt;4.5in x 4.1yd (11cm x 4m)&lt;br&gt;3 RENASYS Transparent Films&lt;br&gt;Non-adherent gauze</td>
<td>66020935</td>
</tr>
<tr>
<td><img src="image.png" alt="Image" /></td>
<td>RENASYS-G Gauze Dressing Kit with Soft Port, X-Large&lt;br&gt;2 AMD gauze rolls&lt;br&gt;4.5in x 4.1yd (11cm x 4m)&lt;br&gt;3 RENASYS Transparent Films&lt;br&gt;Non-adherent gauze</td>
<td>66020936</td>
</tr>
<tr>
<td><img src="image.png" alt="Image" /></td>
<td>RENASYS-G Sterile Gauze Dressing Kit&lt;br&gt;Sterile with Soft Port&lt;br&gt;AMD gauze roll&lt;br&gt;6in x 6.7in (15cm X 17cm)</td>
<td>66020961</td>
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### RENASYS-F

The RENASYS-F Dressing Kits contain a Soft Port Dressing, foam and Transparent Film.

<table>
<thead>
<tr>
<th>Image</th>
<th>Description</th>
<th>Product code</th>
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</thead>
<tbody>
<tr>
<td><img src="image.png" alt="Image" /></td>
<td>RENASYS-F Foam Dressing Kit with Soft Port, Small&lt;br&gt;Foam block&lt;br&gt;4in x 3in x 1in (10cm x 8cm x 3cm)&lt;br&gt;RENASYS Transparent Film</td>
<td>66020794</td>
</tr>
<tr>
<td><img src="image.png" alt="Image" /></td>
<td>RENASYS-F Foam Dressing Kit with Soft Port, Medium&lt;br&gt;Foam block&lt;br&gt;8in x 5in x 1in (20cm x 13cm x 3cm)&lt;br&gt;2 RENASYS Transparent Films</td>
<td>66020795</td>
</tr>
<tr>
<td><img src="image.png" alt="Image" /></td>
<td>RENASYS-F Foam Dressing Kit with Soft Port, Large&lt;br&gt;AMD gauze dressing&lt;br&gt;6in x 6.7in (15cm X 17cm)&lt;br&gt;3 RENASYS Transparent Films&lt;br&gt;Non-adherent gauze</td>
<td>66020796</td>
</tr>
<tr>
<td><img src="image.png" alt="Image" /></td>
<td>RENASYS AB Abdominal Dressing Kit with Soft Port&lt;br&gt;2 Foam blocks&lt;br&gt;17in x 12in x 1in (43cm x 30cm x 3cm)&lt;br&gt;Organ protection layer&lt;br&gt;35in x 26in (89cm x 66cm)&lt;br&gt;6 RENASYS Transparent Films</td>
<td>66021980</td>
</tr>
</tbody>
</table>
## Canister Kits

<table>
<thead>
<tr>
<th>Image</th>
<th>Description</th>
<th>Product code</th>
</tr>
</thead>
</table>
| ![image](image1.png) | **RENASYS TOUCH**  
300mL Canister with solidifier  
300mL Canister without solidifier | 66801273  
66801275 |
| ![image](image2.png) | **RENASYS TOUCH**  
800mL Canister with solidifier | 66801274 |

## Accessories

<table>
<thead>
<tr>
<th>Image</th>
<th>Description</th>
<th>Product code</th>
</tr>
</thead>
</table>
| ![image](image3.png) | **RENASYS Soft Port**  
1 RENASYS Soft Port per kit  
Length 27in (69cm)  
Applicator head  
6in x 4in (15cm x 10cm) | 66020799 |
| ![image](image4.png) | **Antimicrobial Gauze**  
15 x 17cm (5 per kit/10 kits/case) | 66801691 |
| ![image](image5.png) | **Antimicrobial Gauze Roll**  
5 rolls of gauze individually packaged per kit | 66800391 |
| ![image](image6.png) | **Foam Wound Dressing**  
10cm x 12.5cm (5 kits/case) | 66801692 |
| ![image](image7.png) | **RENASYS Adhesive Gel Patch**  
10 Gel Patches per box 4in x 2.8in (10cm x 7cm) | 66801082 |
| ![image](image8.png) | **Transparent Film**  
20cm x 30cm (10 kit) | 66800394 |
Notes
QUESTIONS?
CALL NPWT CLINICAL AND PRODUCT SUPPORT LINE, VIA CUSTOMER CARE AT 1-800-876-1261

For detailed product information, concerning the indications for use, contraindications, effects, precautions and warnings, please consult the product’s Instructions for Use (IFU) prior to use.