






## Product Information Sheet

Acticoat / Acticoat 7			
<b>Classification</b>	<b>Antimicrobial Agent: Silver Sheet</b>		
<b>Key Points</b>	<ul style="list-style-type: none"> <li>• Nanocrystalline silver in a 3-day (Acticoat) or 7- day (Acticoat 7) sheet format consisting of a rayon/polyester non-woven core with an upper and lower layer of silver-coated high density polyethylene mesh. Low adherent wound contact layer to minimize trauma at dressing changes.</li> <li>• Nanocrystalline silver is effective against bacterial and fungal microorganisms.</li> <li>• May be used for wounds as well as first- and second-degree burns. Consult with NSWOC/Wound Clinician, NP or Physician before using on third-degree burns.</li> <li>• A primary dressing requiring a secondary dressing.</li> </ul>		
<b>Indications</b>	<ul style="list-style-type: none"> <li>• Treatment of wounds with signs and symptoms (S&amp;S) of local infection. See <a href="#">Wound Infection Quick Reference Guide</a> or QR Code below.</li> <li>• In combination with systemic antibiotics, to treat wounds with S&amp;S of spreading infection or systemic infection.</li> <li>• Prophylactically to prevent infection in clients at high risk for developing a wound infection.</li> <li>• Acticoat may be used under negative pressure wound therapy.</li> <li>• Acticoat and Acticoat 7 may be used under compression therapy.</li> <li>• May be used when client is undergoing Hyperbaric Oxygen therapy.</li> </ul>		
<b>Precautions</b>	<ul style="list-style-type: none"> <li>• Do not use if the product colour is not uniform.</li> <li>• Protect from light once opened.</li> <li>• Avoid contact with electrodes or conductive gels.</li> <li>• Transient pain may be experience on application. Pain can be minimized by carefully following application procedure below. If continuous pain occurs remove dressing, discontinue use and notify NSWOC/Wound Clinician, Physician and/or NP.</li> <li>• May cause transient discolouration of periwound skin.</li> <li>• Consult with NSWOC/Wound Clinician, NP or Physician before using on third-degree burns.</li> <li>• For MRI and CTScan, if the dressing is in the anatomical field being imaged, the dressing <u>must be removed</u>; a new Acticoat dressing can be applied following the procedure. If dressing is not within the image field it may remain in place during procedure.</li> <li>• Remove prior to radiation therapy. A new dressing can be applied following the procedure.</li> <li>• Consult with NP/Physician prior to using on lactating individuals. The use of Acticoat is not contraindicated but should only be used during lactation when necessary and when no alternative is suitable. Some silver may be absorbed systemically, and it is not known whether silver is excreted in breast milk.</li> <li>• Has not been evaluated on pregnant individuals and neonates/infants, consult with physician/NP prior to using on these populations.</li> <li>• Should only be used on premature infants (less than 37 weeks gestation) when the clinical benefit outweighs potential risks. Consult with physician/NP prior to use.</li> </ul>		
<b>Contraindications</b>	<ul style="list-style-type: none"> <li>• Sensitivity or allergy to silver or other components of the dressing.</li> <li>• Do not apply to exposed internal organs.</li> <li>• Do not use normal saline or normal saline based gels to moisten or cover product.</li> <li>• Do not use in combination with oil-based products such as petrolatum or paraffin.</li> <li>• Do not use as the silver conductor for High Voltage Pulsed Current Wound Therapy (E-STIM).</li> </ul>		
<b>Format &amp; Sizes</b>	<table border="0"> <tr> <td style="vertical-align: top;"> <ul style="list-style-type: none"> <li>• Acticoat – sheet                             <ul style="list-style-type: none"> <li>○ 5 x 5 cm</li> <li>○ 10 x 10 cm</li> <li>○ 10 x 20 cm</li> <li>○ 20 x 40 cm</li> <li>○ 40 x 40 cm</li> <li>○ 10 x 120 cm</li> </ul> </li> <li>• Acticoat 7 – sheet                             <ul style="list-style-type: none"> <li>○ 5 x 5 cm</li> <li>○ 10 x 12.5 cm</li> <li>○ 15 x 15 cm</li> </ul> </li> </ul> </td> <td style="text-align: center; vertical-align: middle;">  </td> </tr> </table>	<ul style="list-style-type: none"> <li>• Acticoat – sheet                             <ul style="list-style-type: none"> <li>○ 5 x 5 cm</li> <li>○ 10 x 10 cm</li> <li>○ 10 x 20 cm</li> <li>○ 20 x 40 cm</li> <li>○ 40 x 40 cm</li> <li>○ 10 x 120 cm</li> </ul> </li> <li>• Acticoat 7 – sheet                             <ul style="list-style-type: none"> <li>○ 5 x 5 cm</li> <li>○ 10 x 12.5 cm</li> <li>○ 15 x 15 cm</li> </ul> </li> </ul>	
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Directions	Rationale / Key Points
<b>Selection</b>	
<p>Choose Acticoat or Acticoat 7 based on frequency of dressing change required, amount of exudate present and the condition of the wound.</p> <p>Choose appropriate size of dressing. Will need to be cut to shape and size of wound and cut to size for any undermining/ sinus tracts.</p> <p>For a wound with depth, choose appropriate wound filler for amount of exudate expected and the anticipated frequency of dressing change.</p> <p>Choose secondary dressing based on amount of wound exudate expected and the anticipated frequency of dressing change. Use a bordered dressing that extends 2 cm beyond wound margins whenever possible.</p>	<p>Amount of exudate, condition of wound and client, and treatment plan (e.g., NPWT (use Acticoat) or compression therapy) influence frequency of dressing change.</p> <p>Fitting dressing to shape and size of wound minimizes staining of periwound skin.</p> <p>Refer to <a href="#">Wound Packing Procedure</a> or QR Code below.</p> <p>Transparent film alone is not recommended. Secondary dressing must maintain a moist wound environment but not so moist that maceration occurs.</p>
<b>Preparation</b>	
<p>For burns, de-roof blisters and remove loose tissue from ruptured blisters (contact NSWOC/Wound Clinician, NP or Physician if not within your scope of practice).</p>	<p>Product must be in direct contact with the wound bed for maximum effectiveness.</p>
<p>Cleanse wound/burn and periwound/surrounding skin with sterile water. Do not use normal saline (NaCl). If other types of cleansers are used, rinse with sterile water.</p> <p>Dry periwound / surrounding skin.</p> <p>If required and appropriate for secondary dressing, apply barrier film to periwound skin. Refer to Product Information Sheet for secondary dressing to determine if barrier film is appropriate.</p>	<p>See <a href="#">Wound Cleansing Procedure</a> or QR Code below.</p> <p>Chloride (Cl-) alters the silver (Ag +) compound and could affect the bactericidal property of the dressing. Compatibility of Acticoat with chloride-based cleansers (e.g., Anasept, Vashe) has not been established.</p> <p>To protect periwound skin from moisture associated skin damage and medical adhesive related skin injury. Barrier film may interfere with the function of some cover dressings, (e.g., some silicone dressings).</p>
<b>Application</b>	
<p>Cut to shape and size of wound ensuring that some weld spots (dots) remain on cut piece so layers do not separate.</p> <p>If using under negative pressure wound therapy (NPWT), cut a number of slits into the dressing to allow exudate to pass through easily.</p>	<p>Fitting dressing to wound limits transient staining of periwound skin.</p> <p>The slits allow NPWT to pull exudate from the wound bed.</p>
<p>For moderate to large amounts of exudate dry Acticoat/ Acticoat 7 may be applied to wound/burn.</p> <p>For wounds/burns with small amounts of exudate: moisten (do not soak) with sterile water and/or apply 1-2 mm layer of water-soluble gel directly to wound bed or on to the dressing.</p>	<p>Exudate will activate the silver.</p> <p>Do not use saline or saline-based gel. Moisture from sterile water and/or gel will activate the silver and maintain moisture balance.</p>
<p>For wounds/burns with minimal depth (less than 1 cm): cover wound bed with single layer of Acticoat/Acticoat 7.</p> <p>For wounds/burns with depth (more than 1 cm): cover wound bed with single layer of Acticoat/Acticoat 7. Then lightly fill the dead space up to skin level with appropriate wound filler.</p> <p>For undermining/sinus tracts: lightly pack with one piece (where possible) of Acticoat sheet or spiral cut sheet to make a ribbon; ensure weld spots (dots) remain on strip so layers do not separate. Leave a tail of packing so it can easily be seen.</p>	<p>Either side of dressing may be placed on the wound. Placing grey side down may decrease any transient pain.</p> <p>Multiple layers may restrict the exudate from going into the secondary dressing leading to a wet wound bed.</p> <p>Over-packing undermining or sinus tracts can lead to tissue necrosis.</p> <p>Use one piece of packing whenever possible. The tail will facilitate the removal of packing. Refer to <a href="#">Wound Packing Procedure</a> or QR Code below.</p>



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<p>Apply bordered secondary dressing to cover the wound.</p> <p>If unable to use a bordered moisture retentive dressing; apply a thin layer of sterile water dampened gauze over Acticoat prior to securing appropriate moisture retentive cover dressing with Kling and/or elastic-type mesh. For large areas, plastic wrap or plastic blue pads may be used as the cover dressing over the sterile water dampened gauze and absorptive dressings.</p> <p>When a non-bordered moisture retentive dressing is used, ensure Acticoat remains damp by checking dressing twice a day and applying additional moisture (sterile water/water-soluble gel) as needed.</p>	<p>Do not allow product to dry out as effectiveness will be reduced and it may adhere to wound.</p> <p>Do not allow product to dry out as effectiveness will be reduced and it may adhere to wound.</p>	
Removal		
<p>Consider using adhesive remover to remove adhesives (e.g., border dressings, tape).</p> <p>Gently lift the edge of the secondary dressing and remove.</p> <p>Remove wound filler (if present).</p> <p>Gently lift the edge of Acticoat/Acticoat 7 and remove from wound bed.</p>	<p>To decrease risk of medical adhesive related skin injury (MARSI).</p> <p>If Acticoat is dry or adhered to the wound bed, moisten or soak the dressing to assist with removal.</p>	
Frequency of Dressing Change		
<p>Acticoat may be left in place for up to 3 days. Acticoat 7 may be left in place for up to 7 days.</p>	<p>Dressing change frequency is dependent on amount of wound exudate.</p>	
Expected Outcomes		
<p>S&amp;S of wound infection resolved within 14 days.</p> <p>If used prophylactically, S&amp;S of wound infection did not develop.</p> <p>Dressing did not adhere to wound bed.</p> <p>Product performs as expected.</p>	<p>If product does not perform as expected, notify NSWOC/Wound Clinician and then consider submitting a <a href="#">Supply Chain Product Concern Form</a>.</p>	
QR Codes		
		
<b>Wound Packing</b>	<b>Wound Cleansing</b>	<b>Wound Infection QRG</b>
For further information please contact NSWOC/Wound Clinician		