



Improving lives **together**  
Norfolk and Waveney Integrated Care System

# NORFOLK & WAVENEY ICB WOUND CARE FORMULARY COMPANION AND GUIDE Revised January 2024

NORFOLK & WAVENEY ICB  
2ND Edition: September 2023  
Revised January 2024

## **ICB Wound Care Formulary 2021 (3rd edition)**

### **Introduction to Norfolk & Waveney Integrated Care Board (ICB) Wound Care Formulary Companion and Guide.**

Welcome to the Norfolk & Waveney **ICB** Wound Care Formulary. The ICB has developed this formulary alongside our colleagues in ECCH and NCH&C to be able to offer a wide choice of the most appropriate dressing available from our suppliers NHS Supply Chain (NHSSC)

**This Formulary is intended to be used within NHS Norfolk & Waveney ICB, for locally contracted Community Services, GP practices and Nursing Homes.**

NHS Supply Chain deliver dressings directly to Community Nurse bases, GP practices and Nursing Homes. This is intended to

- Speed up the process of obtaining dressings for patient care
- Reduce the number of dressings supplied on prescription (FP10)
- Reduce waste from stockpiling in patients' home and reduce waste of destruction of "patients own" dressings
- Increase adherence to formulary products
- Allow closer monitoring and control of non-formulary items
- Enable better outcomes for patient
- Promote standardised education of products for all users
- Lead to reduced costs

**Michael Dennis,**  
**Prescribing Advisor for NHS Norfolk & Waveney ICB**

This document is to support the use of wound care products in line with NICE guidance across Norfolk and Waveney ICB.

Items in this formulary (subject to which formulary each you are given) are available to be ordered through the **ONPOS** or **FORMEO** ordering systems and will be delivered by NHS Supply Chain.

**ONPOS** and **Formeo** have been set up with individual formularies for each organisation (community, GP practice and nursing homes) there are still some dressings that are only available to NCH&C or ECCH as they have different pathways that have yet to be revised for the whole ICB.

**Direct supply is the preferred ordering method and FP10 prescriptions should only be used for a non-formulary product, following agreement by a specialist, Tissue Viability Nurse, or non-medical prescriber with given authority to prescribe.**

Training and the set up and use of **ONPOS** and **Formeo** will be given by the companies:

**ONPOS** for NCH&C

**FORMEO** for ECCH

## Wound Care Guide 2021

The guide was developed and published by Norfolk & Waveney ICB in conjunction with NCH&C and ECCH Tissue Viability Nurses.

The wound care formulary companion and guide provides clinical staff with comprehensive information on wound healing and wound care products. The wound care formulary has been developed to reduce unwanted variation and cost.

This formulary will assist clinical staff in a variety of settings including GP Practices, nursing homes and community services to select a wound care product, following a full assessment using the appropriate clinical guidelines for the type of wound being managed.

Whilst the formulary focuses on wound care products, holistic wound care must include holistic assessment of the patient, management of the surrounding skin, an understanding of the underlying cause, accurate documentation and continuous monitoring and evaluation of the patient.

### Contributors to the formulary

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## 1. DEFINITION OF A WOUND

**A simple wound:** a single wound which heals spontaneously (without clinical intervention) in the absence of any factors which can affect wound healing.

**A complex wound:** one or more wounds where there are underlying factors which can make healing difficult, and which require clinical intervention. (National wound care strategy programme 2021)

Wounds develop when surface skin is damaged; the body immediately starts the healing process to repair damaged tissue. Healing occurs via either:

- primary closure
- secondary closure
- delayed primary closure (also known as tertiary intention)

**Primary closure-** when the wound edges are in proximity to each other and there is little or no tissue loss, edges can be opposed without tension, using adhesive strips, sutures, staples or clips. As long as there are no factors to delay healing, these wounds should heal quickly.

**Secondary closure-** when primary closure is not possible the wound should be left open to granulate/epithelise. In secondary closure, healing is significantly delayed.

**Delayed primary closure-** when the closure is delayed due to local adverse wound conditions, e.g. uncontrolled bleeding, risk of infection the wound would then be closed as per primary intention.

## 2. STAGES / PHASES OF HEALING

Wound healing follows a pathway of the following 4 stages, interruption or delay in any one of these stages results in a static non-healing wound. Wounds which fail to heal within 12 weeks are classified as chronic.

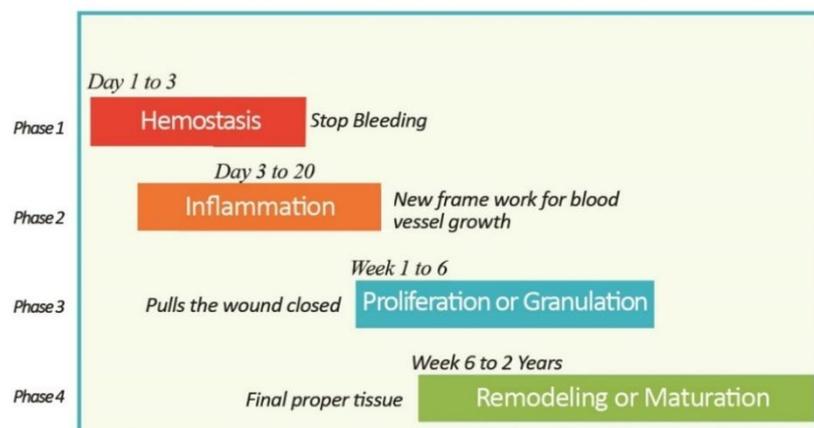
**Vascular phase/ Haemostasis** - contraction occurs at the end of damaged blood vessels to minimise blood loss, the clotting process begins to temporarily close the wound.

**Inflammatory phase-** this phase is detected by the presence of localised heat, swelling, erythema and discomfort this should not be confused with infection. Exudate is produced to facilitate healing; it has anti-microbial properties

**Proliferative/Granulation phase-** during this phase, as the wound granulates connective tissue fills in the wound; the wound will begin to contract bringing the edges together to allow the re-growth of epithelial cells across the surface of the wound forming a continuous layer.

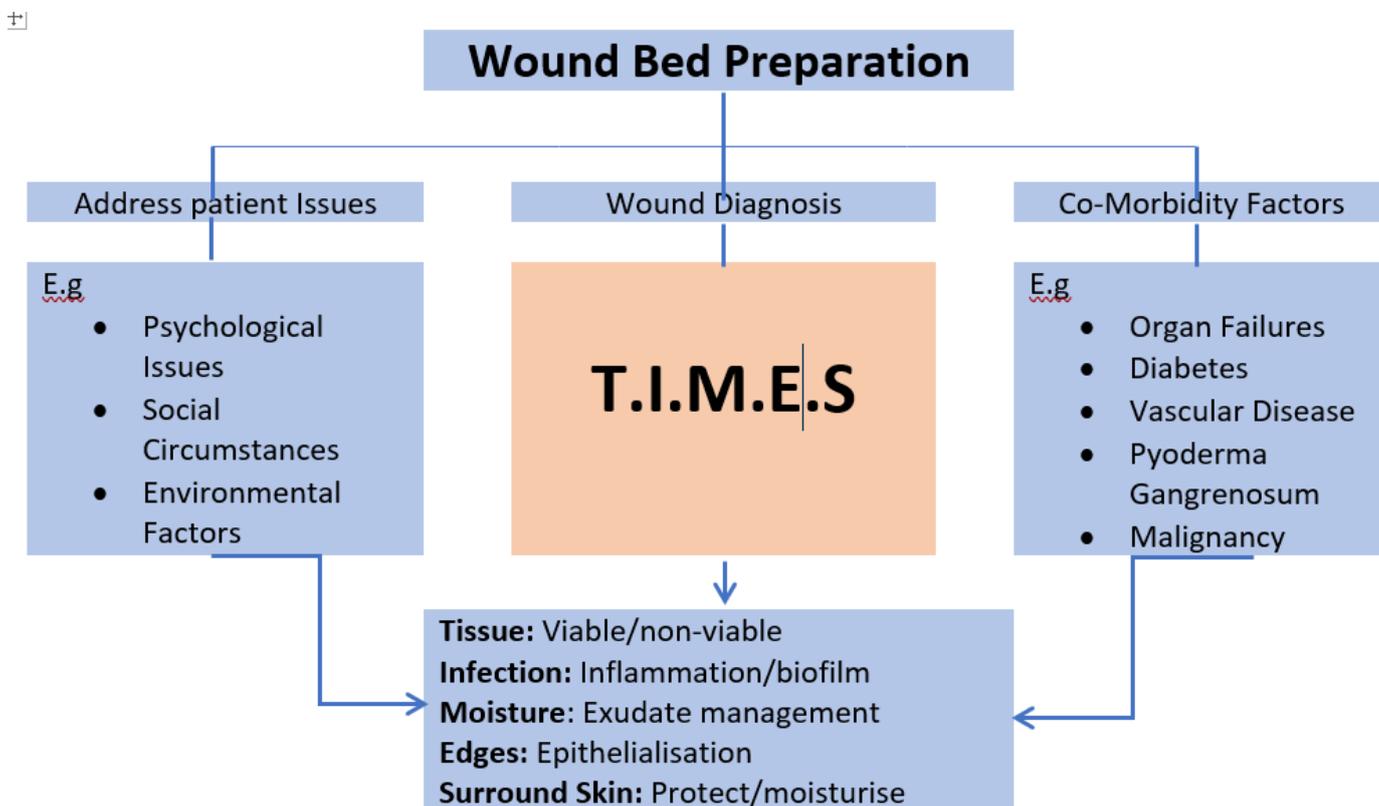
**Maturation phase-** this stage begins approx. 20 days after injury; this phase can last for a significant period. Scar tissue becomes flatter, paler and smoother over time as the blood supply decreased. Scar tissue is not as strong as normal skin.

### 4 Phases of wound healing



### 3. WOUND ASSESSMENT

It is of great importance that a thorough wound evaluation is done at **EVERY** interaction with the patient. The wound needs to be assessed in conjunction with the whole patient and using a recognised wound assessment framework. This will allow for appropriate product selection and rationale to be recorded in the patient record with the aim to improve patient outcomes and quality of life.



Adapted from World Wide Wounds model

### HOLISTIC APPROACH/ASSESSMENT

A full assessment will consider the whole patient and includes the following

Intrinsic Factors	Extrinsic Factors
Age	Lifestyle
Co-morbidities	Smoking status
Nutrition	Alcohol status
Medication	Concordance
Pain	Environment
Infection	

### STEPS OF WOUND ASSESSMENT

- Full assessment of the wound area – Tissue type, Infection Continuum, moist wound healing, exudate, edge of wounds, pain, and surrounding skin
- Measurement (length, width, and depth)

- Photographs
- Record keeping and documentation
- Referral pathways

#### 4. HOW TO CHOOSE A DRESSING

- Wound dressings assist healing by creating the optimum conditions for the wound to heal therefore careful consideration needs to be given to product selection. A thorough and accurate wound assessment is of the greatest importance before selecting a dressing. A sound rationale should be given in relation to the assessed wound and the chosen product.
- Antimicrobial dressings should only be used where:
  - 1) There are clinical signs and symptoms of infection and discontinued when the infection is resolved or if there is no improvement after 14 days (or)
  - 2) a patient with a non-responsive chronic wound is following the biofilm pathway. Consider alternative antimicrobials or strategies if infection is still present (e.g. oral antibiotics). Wound swabs must be taken if an infection is not resolving or the patient is systemically unwell.
- The BNF advises against the use of silver dressings for acute wounds as there is some evidence that they may delay wound healing. They should not be routinely used for management of uncomplicated leg ulcers.
- Dressings prescribed on FP10 for individual patients must not be used for any other patient or for stock.
- Do not over supply excessive quantities or issue repeat prescriptions for wound care products.

#### 5. HOW TO USE THE FORMULARY GUIDE

- Identify / classification of tissue type (Pink, Red, Yellow, Green, Black, Amber)-most wounds are likely to have elements of more than one tissue type choose the section that is most relevant to identified tissue type.
- Choose the wound care product appropriate to wound type and exudate level
- Throughout the classification sections, when a product is listed for the first time, under the description will be a link for further reading and resources.
- Only use approved combinations of products. Many wound products in the formulary are primary dressings and can be used directly onto the wound. **Do not** use additional dressing unless there is clinical justification clearly documented in the patient record. Check manufacturers' instructions for individual products. These contain lots of useful information.

## 6. TISSUE TYPES AND WOUND PRODUCT SELECTION

Tissue Type	Description	Aim of Treatment
	<p><b>Pink (Epithelialising)</b> Epithelialisation is the process by which the wound is covered with new skin cells</p>	<ul style="list-style-type: none"> <li>Promote epithelialisation and wound maturation</li> <li>Protect</li> </ul>
	<p><b>Red (Granulating)</b> Granulation is the process by which the wound is filled with highly vascular, fragile connective tissue</p>	<ul style="list-style-type: none"> <li>Exudate management</li> <li>Promote moisture balance</li> <li>Protect</li> </ul>
	<p><b>Yellow (Sloughy)</b> Slough contains exudate and dead cells (N.B. yellow tissue may be tendon or bone). The presence of slough slows healing and leads to infection.</p>	<ul style="list-style-type: none"> <li>De-slough / debridement</li> <li>Provide clean wound bed for granulation</li> <li>Management of exudate</li> <li>Preserve healthy tissue</li> </ul>
	<p><b>Green (Infected)</b> Infection in wounds prevents healing. Consider systemic antimicrobial if infection goes beyond wound area or antimicrobial dressings not worked.</p>	<ul style="list-style-type: none"> <li>Reduce bacterial burden / growth to reduce pain/discomfort and promote healing</li> <li>Antimicrobial Action</li> </ul>
	<p><b>Black (Necrotic)</b> Necrotic wounds contain dead tissue.</p> <ul style="list-style-type: none"> <li><b>Be aware of vascular status of wound</b></li> <li><b>If no blood supply MUST be kept dry</b></li> </ul>	<ul style="list-style-type: none"> <li>Debridement and management of devitalised tissue</li> <li>Exudate management</li> <li>Rehydration to promote autolytic debridement</li> </ul>
	<p><b>Exudate Management (Moisture)</b> Exudate is part of the healing process but needs to be managed if the wound is too dry or too wet. Record and monitor type, amount, and viscosity</p>	<ul style="list-style-type: none"> <li>Management of exudate</li> <li>Reduce excoriation of wound margins.</li> <li>To prevent wound deterioration</li> </ul>

## PINK (epithelialising)



**Aim of treatment-** promote epithelialisation and protect newly formed tissue.

Wound assessment	Dressing type	Dressing name	Description / contraindications / training / evidence	Secondary Dressing
Low Exudate	Wound Contact	Atrauman	Non-adherent, primary wound contact layer for a wide variety of wounds, including infected wounds. Do not use under other primary dressings. <a href="https://www.youtube.com/watch?v=98rniG_lq88">https://www.youtube.com/watch?v=98rniG_lq88</a> <a href="https://www.hartmann.info/en-gb/brands/l/gb/for-wound-management/atrauman">https://www.hartmann.info/en-gb/brands/l/gb/for-wound-management/atrauman</a>	Appropriate secondary dressing / bandage system
	Wound Contact	Lomatuell Pro	Gel-forming wound contact net. Contains petroleum jelly and hydrocolloid. For wounds with no or low levels of exudate or can be combined with an absorbent dressing for moderate to highly exuding wounds. <a href="https://lohmann-rauscher.co.uk/woundcare/lomatuell-pro/how-to-use-lomatuell-pro">https://lohmann-rauscher.co.uk/woundcare/lomatuell-pro/how-to-use-lomatuell-pro</a>	
	Silicone	Silflex	Silicone wound contact layer. <b>For fragile skin only.</b> Skin tears, abrasions, surgical wounds, burns, lacerations, leg ulcers, pressure ulcers. Use absorbent dressing on top if exudate levels require it. <a href="https://uk.advancismedical.com/uploads/files/documents/resources/UK/Silflex%20Visual%20Aid%20A5%20web.pdf">https://uk.advancismedical.com/uploads/files/documents/resources/UK/Silflex%20Visual%20Aid%20A5%20web.pdf</a> <a href="https://uk.advancismedical.com/uploads/files/documents/resources/UK/Report%20on%20Silflex(2).pdf">https://uk.advancismedical.com/uploads/files/documents/resources/UK/Report%20on%20Silflex(2).pdf</a>	
	Island Dressing	Softpore	Latex free adhesive dressing. Low to moderately exuding wounds. <a href="https://www.richardsonhealthcare.com/softpore/">https://www.richardsonhealthcare.com/softpore/</a>	None
		365 island dressing	Vapour permeable adhesive film dressing with absorbent pad <a href="https://www.365healthcare.com/medias/sys_master/root/h37/h39/8827861794846/365-Healthcare-Transparent-Island-Dressings-IFU.pdf">https://www.365healthcare.com/medias/sys_master/root/h37/h39/8827861794846/365-Healthcare-Transparent-Island-Dressings-IFU.pdf</a>	
	Hydrocolloid	Duoderm extra thin	Hydrocolloid film, light to moderately exuding wounds that are granulating or wounds that have areas of slough or necrosis, to assist in debridement. <b>DO NOT use on Full-thickness burns and dry wounds or Diabetic feet.</b> <a href="https://www.convatec.co.uk/wound-skin/duoderm-dressings/duoderm-extra-thin-dressing/#">https://www.convatec.co.uk/wound-skin/duoderm-dressings/duoderm-extra-thin-dressing/#</a>	None
Non adhesive foam	Allevyn non adhesive	Non adhesive hydro cellular dressing, management by secondary intention of chronic and acute full thickness, partial thickness or shallow granulating moderately exuding wounds <b>Can be used for over granulation</b> <a href="https://www.smith-nephew.com/key-products/advanced-wound-management/allevyn/allevyn-non-adhesive/">https://www.smith-nephew.com/key-products/advanced-wound-management/allevyn/allevyn-non-adhesive/</a>	Appropriate secondary dressing / bandage system	

Moderate Exudate	Foam	Allevyn gentle border	A silicone gel adhesive hydrocellular foam dressing with absorbent pad and breathable outer film-for shallow granulating wounds. <b>Contraindicated for use on third-degree burns.</b> <a href="https://www.smith-nephew.com/key-products/advanced-wound-management/allevyn/allevyn-gentle-border/">https://www.smith-nephew.com/key-products/advanced-wound-management/allevyn/allevyn-gentle-border/</a>	None
	Foam	Allevyn Life	An advanced layered construction that combines a composite hydro cellular foam pad sandwiched between a perforated silicone and adhesive wound contact layer and a highly permeable waterproof outer film for the management of intention shallow granulating wounds. <b>Contraindicated for use on third-degree burns</b> <a href="https://www.smith-nephew.com/key-products/advanced-wound-management/allevyn/allevyn-life/">https://www.smith-nephew.com/key-products/advanced-wound-management/allevyn/allevyn-life/</a>	None
Moderate Exudate	Absorbent Not a primary dressing	Xupad	Thin absorbent cotton dressing pad with non-adherent wound contact. Use as a secondary dressing. <b>Not suitable under compression.</b> <a href="https://www.richardsonhealthcare.com/xupad">https://www.richardsonhealthcare.com/xupad</a>	Secondary dressing secure with non compression bandage or tape/omnifix
Excessive Exudate	Super Absorbent	Zetuvit Plus	Superabsorbent dressing that contains a blend of cellulose fluff and fluid-retaining superabsorbent particles. Water - repellent air permeable non-woven layer protects against contamination soft consistency for a cushioning effect Indication superficial heavily exuding acute and chronic <b>Can be used under compression.</b> <b>Do not layer as has water repellent backing</b> <a href="https://www.hartmann.info/en-gb/our-products/wound-management/high-and-super-absobent-dressings/extra-absorbent/zetuvit%C2%AE-plus#uses">https://www.hartmann.info/en-gb/our-products/wound-management/high-and-super-absobent-dressings/extra-absorbent/zetuvit%C2%AE-plus#uses</a>	Appropriate secondary dressing / bandage system

## RED (granulating)



**Aim of treatment-** manage exudate levels and promote granulation by creating a moist wound healing environment. To protect newly formed tissue and surrounding skin

Wound assessment	Dressing type	Dressing name	Description / contraindications	Secondary dressing
Low Exudate	Wound Contact	Atrauman	Non-adherent, primary wound contact layer for a wide variety of wounds. <b>Do not use under other primary dressings.</b>	Appropriate secondary dressing / bandage system, such as Xupad and K-band
		Lomatuell Pro	Gel-forming wound contact net. Contains petroleum jelly and hydrocolloid. For wounds with no or low levels of exudate or can be combined with an absorbent dressing for moderate to highly exuding wounds.	
	Silicone	Silflex	Silicone wound contact layer. <b>For fragile skin only.</b> Skin tears, abrasions, surgical wounds, burns, lacerations, leg ulcers, pressure ulcers. Use absorbent dressing on top if exudate levels require it.	
	Hydrocolloid	Duoderm extra thin	Hydrocolloid film, dry to light to exuding wounds e.g. leg ulcers superficial pressure ulcers acute wounds that are granulating or wounds that have areas of slough or necrosis, to assist in debridement. <b>DO NOT use on Full-thickness burns or Diabetic feet.</b>	None
		Granuflex bordered	Hydrocolloid dressing with an adhesive foam border consists of an inner layer of hydrocolloids within an adhesive polymer matrix and an outer layer of polyurethane foam the matrix layer forms a cohesive gel on contact with exudate. For use with pressure ulcers, leg ulcers, traumatic wounds, burns dermatological excisions and surgical wound to include donor sites <b>Contains Gelatine</b> <a href="https://www.convatec.co.uk/products/pc-wound-duoderm-granuluflex/granuflex-bordered-dressing">https://www.convatec.co.uk/products/pc-wound-duoderm-granuluflex/granuflex-bordered-dressing</a>	None
Moderate Exudate	Gel fibre dressing	Durafiber	Durafiber is specifically formulated for the treatment of medium- to heavily exuding wounds. Its innovative gelling fibre technology allows it to effectively manage exudate and maintain a moist wound environment, which is crucial for the healing process. This dressing is a valuable addition to wound care and provides reliable solutions for various wound types.  ADD VIDEO	appropriate secondary dressing /bandage system
	Foam	Allevyn Non-Adhesive	Soft, absorbent, conformable foam non adhesive or with skin-friendly adherent contact layer dressing. Can be used under compression therapy. Low to moderate exuding wounds including leg ulcers, pressure ulcers, partial thickness burns, donor sites, postoperative wounds, and skin abrasions. Fluid handling may be affected under compression bandaging	None for adhesive or appropriate bandaging system
	Foam	Allevyn gentle border	<b>General first line foam dressing</b> A silicone gel adhesive hydrocellular foam dressing with absorbent pad and breathable outer film-for shallow granulating wounds. <b>Contraindicated for use on third-degree burns</b> <b>For use in NCH&amp;C skin tear pathway</b>	None
	Foam	Allevyn Life	An advanced layered construction that combines a composite hydro cellular foam pad sandwiched between a perforated silicone and adhesive wound contact layer and a highly permeable waterproof outer film for the management of intention shallow granulating wounds. <b>Contraindicated for use on third-degree burns</b>	None
	Pro – ionic Hydrogel		Hydrogel contact layer and fluid repellent polyurethane film outer layer. For use with chronic wounds, painful wounds, leg	None

Moderate Exudate	Contact layer	Kerralite cool Border	<p>ulcers, skin tears, burns, scalds, radiation therapy damage, skin tear burns and scolds may be used low-exuding wounds and non-exuding wounds to assist in autolytic debridement by hydration of necrotic and sloughy tissue and absorption and exudate.</p> <p>Contra indications for full thickness wounds heavy bleeding wounds 3<sup>rd</sup> degree burns or as a covering for deep narrow cavity or sinus</p> <p>Do not use for debridement for feet i.e. dry eschar / necrotic tissue</p> <p><b>Kerralite Cool is on ECCH skin tear pathway</b></p> <p><a href="https://www.3Muk.co.uk/healthcare-professionals/uk-product-catalog/catalog/kerralite-cool-dressing">https://www.3Muk.co.uk/healthcare-professionals/uk-product-catalog/catalog/kerralite-cool-dressing</a>  <a href="https://www.kciuk.co.uk/-/media/Project/Acelity/Acelity-Base-Sites/BGS/Files/PDF/Instructions-for-Use/KerraLite-Cool/KerraLite-Cool.pdf?la=en&amp;hash=F7C7339602449B34924CA82C88943357">https://www.kciuk.co.uk/-/media/Project/Acelity/Acelity-Base-Sites/BGS/Files/PDF/Instructions-for-Use/KerraLite-Cool/KerraLite-Cool.pdf?la=en&amp;hash=F7C7339602449B34924CA82C88943357</a></p>	
	Alginate	Kaltostat	<p>Calcium-sodium alginate fibre dressing. On contact with bleeding wounds promotes haemostasis. For moderate to heavily exuding wounds and the local management of bleeding minor wounds.</p> <p>Not indicated in heavily bleeding wounds or third-degree burns</p> <p><a href="https://www.convatec.co.uk/products/pc-wound-kaltostat/kaltostat-alginate-dressing">https://www.convatec.co.uk/products/pc-wound-kaltostat/kaltostat-alginate-dressing</a></p>	Appropriate secondary dressing /bandage system
	Absorbent	Xupad	<p>Thin absorbent cotton dressing pad with non-adherent wound contact. Use as a secondary dressing. <b>No suitable under compression. Not a primary dressing</b></p>	K-Band
High Exudate		Zetuvit Plus	<p>Superabsorbent dressing that contains a blend of cellulose fluff and fluid-retaining superabsorbent particles. Water - repellent air permeable non-woven layer protects against contamination soft consistency for a cushioning effect Indication superficial heavily exuding acute and chronic</p> <p><b>Can be used under compression. Do not layer as water repellent backing</b></p>	Appropriate secondary dressing / bandage system
	Super Absorbent	Kerramax	<p>Comprises of a soft non-woven outer contact layers for comfort with a superabsorbent core to lock in exudate bacteria and matrix metalloproteinases. The dressing also features a horizontal wicking layer and a heat-sealed border. May be layered</p> <p>Suitable to use under compression</p> <p>Moderate to heavily exuding wounds</p> <p><a href="https://www.youtube.com/watch?v=dzhD8M3IEqY">https://www.youtube.com/watch?v=dzhD8M3IEqY</a></p>	Primary or secondary

## YELLOW (sloughy)



**Aim of treatment-** Remove slough and prevent infection. Dressing will need to assist wound bed debridement and manage exudate level.

Wound assessment	Dressing type	Dressing name	Instructions / contraindications	Secondary Dressing
Low Exudate	Pro – ionic Hydrogel Contact layer	Kerralite Cool Or Kerralite cool Border	Hydrogel contact layer and fluid repellent polyurethane film outer layer. For use with chronic wounds, painful wounds, leg ulcers, skin tears, burns, scalds, radiation therapy damage, skin tear burns and scalds may be used low-exuding wounds and non-exuding wounds to assist in autolytic debridement by hydration of necrotic and sloughy tissue and absorption and exudate.  Contraindications for full thickness wounds heavy bleeding wounds 3 <sup>rd</sup> degree burns or as a covering for deep narrow cavity or sinus  Do not use for debridement for feet i.e. dry eschar / necrotic tissue  <b>Kerralite Cool border is on ECCH skin tear pathway</b>	None
	Honey Dressing	Activon Tube	Sterilised medical-grade manuka honey with antibacterial action in a single patient use tube. Tube will last for up to 90 days from opening  For Superficial wounds and burns; deep wounds, sinuses, wounds with necrosis and slough, infected wounds, surgical wounds  <b>Do not use for known allergy to bee venom or honey</b>  <a href="https://www.youtube.com/watch?v=VHxtGTY3rMw">https://www.youtube.com/watch?v=VHxtGTY3rMw</a>  <a href="https://uk.advancismedical.com/products/activonmanukahoney/activon-tube">https://uk.advancismedical.com/products/activonmanukahoney/activon-tube</a>	Appropriate secondary dressing / bandage system
	Alginate	Flaminal Hydro	Alginate gel containing 2 antimicrobial enzymes. Debrides the wound and manages moisture balance. Low to moderately exuding wounds.  Should not be used with patients with previous sensitivity to wound product  <a href="https://www.youtube.com/watch?v=XIRwzUQa3nl">https://www.youtube.com/watch?v=XIRwzUQa3nl</a>  <a href="https://www.youtube.com/watch?v=i6XMD7piwJw">https://www.youtube.com/watch?v=i6XMD7piwJw</a>	
	Hydrocolloid	Duoderm extra thin	Hydrocolloid film, dry to light to exuding wounds e.g. leg ulcers superficial pressure ulcers acute wounds that are granulating or wounds that have areas of slough or necrosis, to assist in debridement.  <b>DO NOT use on Full-thickness burns or Diabetic feet.</b>	None
	Hydrocolloid	Granuflex Border	Hydrocolloid dressing with an adhesive foam border consists of an inner layer of hydrocolloids within an adhesive polymer matrix and an outer layer of polyurethane foam the matrix layer forms a cohesive gel on contact with exudate. For use with pressure ulcers, leg ulcers, traumatic wounds, burns dermatological excisions and surgical wound to include donor sites  <b>Contains Gelatine</b>  <b>Do not use on diabetic feet</b>	None

	Hydrogel	Intrasite Gel	Amorphous hydrogel. It is partially hydrated so as to donate moisture to drier environments and absorb in wetter conditions  Management of shallow and deep open wounds. Wounds healing by secondary intention including venous leg ulcers, diabetic foot ulcers, surgical wounds, pressure ulcers, extravasation injuries, radiation damage, burns, fistulae, amputation stumps and fungating ulcers. <a href="https://www.smith-nephew.com/professional/products/advanced-wound-management/intrasite-gel/">https://www.smith-nephew.com/professional/products/advanced-wound-management/intrasite-gel/</a>	Appropriate secondary dressing /bandage system
Moderate / High Exudate	Honey Dressing	Algivon	Creates a moist healing environment and effectively eliminates wound odour while providing antibacterial action. Suited to debriding and de-sloughing shallow wounds or where the exudate levels have started to decrease. <b>Diabetics must be monitored when using this product.</b> <b>Do not use for known allergy to bee venom or honey</b>	Appropriate secondary dressing /bandage system
	De-sloughing Alginate	Urgo clean Pad /Rope	A non-adherent slough trapping poly absorbent fibre dressing with the TLC healing matrix to promote wound healing and enable pain free dressing changes . For use with all non-infected, sloughy wounds  <a href="http://www.urgomedical.com/wp-content/uploads/urgoclean.pdf">http://www.urgomedical.com/wp-content/uploads/urgoclean.pdf</a>	
	Gel fibre dressing	Durafiber	Durafiber is specifically formulated for the treatment of medium- to heavily exuding wounds. Its innovative gelling fibre technology allows it to effectively manage exudate and maintain a moist wound environment, which is crucial for the healing process. This dressing is a valuable addition to wound care and provides reliable solutions for various wound types.	
	Alginate	Flaminal Forte	Alginate gel with antimicrobial enzymes. Debrides the wound and manages moisture balance. Moderately to heavily exuding wounds.  For use on a wide range of wound types and all stage of wound healing  Not to be used on full thickness on 3 <sup>rd</sup> degree burns <a href="https://www.youtube.com/watch?app=desktop&amp;v=i6XMD7piwJw">https://www.youtube.com/watch?app=desktop&amp;v=i6XMD7piwJw</a>	
High Exudate	Super absorbent	Zetuvit Plus	Superabsorbent dressing that contains a blend of cellulose fluff and fluid-retaining superabsorbent particles. Water - repellent air permeable non-woven layer protects against contamination soft consistency for a cushioning effect Indication superficial heavily exuding acute and chronic <b>Can be used under compression. Do not layer as water repellent backing</b>	Appropriate secondary dressing / bandage system
		Kerramax	Comprises of a soft non-woven outer contact layers for comfort with a superabsorbent core to lock in exudate bacteria and matrix metalloproteinases. The dressing also features a horizontal wicking layer and a heat-sealed border. May be layered  Suitable to use under compression  Moderate to heavily exuding wounds	Primary or secondary

Mechanical debridement device	Debrisoft pad	Mechanical device with a head made from polyester, using monofilament fibre technology	None
	Debrisoft lolly	For use to remove slough and debris including biofilm during wound bed preparation in leg ulcers, diabetic ulcers and pressure ulcers acute wound to include lacerations, cuts and abrasions and superficial epidermal and partial thickness burns  Prior treatment may be indicated for very stubborn slough or hard necrosis  <a href="https://www.lohmann-rauscher.com/us-en/products/wound-care/debridement/debrisoft/">https://www.lohmann-rauscher.com/us-en/products/wound-care/debridement/debrisoft/</a>	

## GREEN (infected)



Aim of treatment- reduce bacterial load, manage exudate and odour

Only use antimicrobial dressing for wounds with signs of localised clinical infection. Do not use prophylactically. Consider need for oral antibiotics.

DO NOT use topical antibiotics unless advised to do so e.g. topical metronidazole

Wound Assessment	Dressing Type	Dressing Name	Instructions / Contraindications	Secondary Dressing
Low Exudate	Honey	Activon tube	Sterilised medical-grade manuka honey with antibacterial action in a single patient use tube. Contents will last for 90 days from opening.  For Superficial wounds and burns; deep wounds, sinuses, wounds with necrosis and slough, infected wounds, surgical wounds  <b>Do not use if a known allergy to bee venom or honey</b>	Appropriate secondary dressing / bandage system
	Low Alginate Gel	Flaminal Hydro	Alginate gel containing antimicrobial enzymes. Debrides the wound and manages moisture balance. Lightly to moderately exuding wounds.	
	Iodine	Inadine	Non adherent dressing impregnated with 10% povidone-iodine colour changes indicate when to change dressings Management and prevention of infection in ulcers minor burns and minor traumatic skin injuries Not to be used where there is a known iodine hypersensitivity before and after radiotherapy, patients with kidney problems is pregnant or breastfeeding or in Duhring's herpetiform dermatitis (a rare skin disease) To be used under medical supervision in patient with thyroid disease, new-born babies, infants up to 6 months, deep ulcerative wounds, burns or large injuries <a href="https://www.3Muk.co.uk/healthcare-professionals/uk-product-catalog/catalog/inadine-pvp-i-non-adherent-dressing">https://www.3Muk.co.uk/healthcare-professionals/uk-product-catalog/catalog/inadine-pvp-i-non-adherent-dressing</a>	
	Honey	Algivon	Creates a moist healing environment and effectively eliminates wound odour while providing antibacterial action. Suited to debriding and de-sloughing shallow wounds or where the exudate levels have started to decrease.  <b>Diabetics must be monitored when using this product. Not to be used if a known allergy to bee venom or honey</b>	

Moderate / High Exudate	Alginate Gel	Flaminal Forte	Alginate gel with antimicrobial enzymes. Debrides the wound and manages moisture balance. Moderately to heavily exuding wounds. For use on a wide range of wound types and all stage of wound healing Not to be used on full thickness on 3 <sup>rd</sup> degree burns	Appropriate secondary dressing / bandage system
	Antimicrobial	Iodoflex Paste (gauze backing) Or Iodosorb	A dark brown paste with gauze backing on both sides comprising of cadexomer, polyethylene glycol and iodine Use only as an antimicrobial dressing when infection present. Short-term use only. May need irrigation to remove. <b>Should not be used on dry necrotic tissue. Do not use on children, pregnant or lactating women or people with thyroid disorders, taking lithium or renal impairment.</b> <b>Only to be used with bacteria colonisation NOT to be used prophylactically – Maximum of 2 weeks use</b> <b>Do not use more than 150g in a week</b> <a href="https://www.smith-nephew.com/professional/products/advanced-wound-management/iodosorb--iodoflex/iodoflex-pads/">https://www.smith-nephew.com/professional/products/advanced-wound-management/iodosorb--iodoflex/iodoflex-pads/</a>  <a href="https://www.smith-nephew.com/professional/products/advanced-wound-management/iodosorb--iodoflex/">https://www.smith-nephew.com/professional/products/advanced-wound-management/iodosorb--iodoflex/</a>	
Malodorous Wound	Odour management	Clinisorb	Clinisorb dressings have an activated charcoal cloth between layers of viscose rayon coated with polyamide. The polyamide prevents the dressing from sticking to the wound surface and stops fibres coming away from the dressing. Clinisorb absorbs toxins thus reducing malodour which can be distressful to both patient and carer. Since both sides of these dressings are identical and can be used either side down ADD VIDEO	On outside of primary dressing

## BLACK (necrotic)

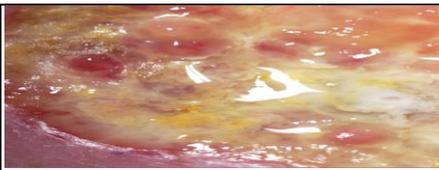


**Aim of treatment-** Removal of dry necrotic tissue by wound re-hydration

**DO NOT debride or use moist wound dressing for patient with eschar or necrosis with a Diabetic foot ulcer or lower limb arterial disease**

Wound assessment	Dressing type	Dressings	Instructions / contraindications	Secondary Dressing
Low Exudate	Pro – ionic Hydrogel Contact layer	Kerralite Cool Or Kerralite Cool Border	Hydrogel contact layer and fluid repellent polyurethane film outer layer. For use with chronic wounds, painful wounds, leg ulcers, skin tears, burns, scalds, radiation therapy damage, skin tear burns and scolds may be used low-exuding wounds and non-exuding wounds to assist in autolytic debridement by hydration of necrotic and sloughy tissue and absorption and exudate.  Contraindications for full thickness wounds heavy bleeding wounds 3 <sup>rd</sup> degree burns or as a covering for deep narrow cavity or sinus  Do not use for debridement for feet i.e., dry eschar / necrotic tissue	Appropriate secondary dressing /bandage system
	Hydrocolloid	Duoderm extra thin	Hydrocolloid film, light to moderately exuding wounds that are granulating or wounds that have areas of slough or necrosis. <b>DO NOT use on Full-thickness burns and dry wounds or Diabetic feet.</b>	None
	Alginate	Flaminal Hydro	Alginate gel containing 2 antimicrobial enzymes. Debrides the wound and manages moisture balance. Low to moderately exuding wounds. Should not be used with patients with previous sensitivity to wound product	Appropriate secondary dressing / bandage system
Moderate Exudate	Hydrogel	Intrasite gel	Amorphous hydrogel. It is partially hydrated so as to donate moisture to drier environments and absorb in wetter conditions Management of shallow and deep open wounds. Wounds healing by secondary intention including venous leg ulcers, diabetic foot ulcers, surgical wounds, pressure ulcers, extravasation injuries, radiation damage, burns, fistulae, amputation stumps and fungating ulcers.	appropriate secondary dressing /bandage system
	Alginate	Flaminal Forte	Alginate gel containing 2 antimicrobial enzymes. Debrides the wound and manages moisture balance. Low to moderately exuding wounds. Should not be used with patients with previous sensitivity to wound product	appropriate secondary dressing /bandage system
	Hydrocolloid	Granuflex Border	Adhesive hydrocolloid. Chronic wounds, pressure ulcers, leg ulcers. <b>Do not use on Diabetic feet</b>	None
High Exudate	Super Absorbent	Zetuvit Plus	Superabsorbent dressing that contains a blend of cellulose fluff and fluid-retaining superabsorbent particles. Water - repellent air permeable non-woven layer protects against contamination soft consistency for a cushioning effect Indication superficial heavily exuding acute and chronic <b>Can be used under compression.</b> <b>Do not layer as water repellent backing</b>	K-Soft and K band or tape
		Kerramax	Comprises of a soft non-woven outer contact layers for comfort with a superabsorbent core to lock in exudate bacteria and matrix metalloproteinases. The dressing also features a horizontal wicking layer and a heat-sealed border. May be layered <b>Suitable to use under compression</b>	

## EXUDATE MANAGEMENT



**Aim of treatment- to manage exudate and prevent excoriation and deterioration of the wound**

Wound assessment	Dressing type	Dressings	Instructions / contraindications	Secondary Dressing
Low Exudate	Low adherent island dressing	Softpore	Latex free surgical adhesive dressing. Low exuding wounds.	None
	Low adherent Island dressing	365 island dressing	Vapour permeable adhesive film dressing with absorbent Low to moderately exuding acute wounds	None
Moderate exudate	Foam	Allevyn gentle border	A silicone gel adhesive hydro cellular foam dressing with absorbent pad and breathable outer film Indicated for on all shallow wounds, except 3 <sup>rd</sup> degree burns	None
	Foam	Allevyn Life	An advanced layered construction that combines a composite hydro cellular foam pad sandwiched between a perforated silicone and adhesive wound contact layer and a highly permeable waterproof outer film for the management of intention shallow granulating wound chronic and acute full and partial thickness wounds with moderate exudate volumes <b>General first line foam dressing</b>	None
Moderate exudate	Non adhesive foam	Allevyn non adhesive	Non adhesive hydro cellular dressing, management by secondary intention of chronic and acute full thickness, partial thickness or shallow granulating moderately exuding wounds such as pressure ulcers, leg ulcers infected wounds, diabetic foot ulcers, malignant wounds, surgical wounds 1st and 2 <sup>nd</sup> degree burns, donor sites, fungating wounds and epidermolysis bullous Can be used for over granulation	appropriate secondary dressing /bandage system
	Gel fibre dressing	Durafiber	Durafiber is specifically formulated for the treatment of medium- to heavily exuding wounds. Its innovative gelling fibre technology allows it to effectively manage exudate and maintain a moist wound environment, which is crucial for the healing process. This dressing is a valuable addition to wound care and provides reliable solutions for various wound types.	appropriate secondary dressing /bandage system
	Absorbent pad	Xupad	Thin absorbent cotton pad with non-adherent film facing with non-woven backing for use with exuding wounds used as a <b>secondary dressing</b> - only to be used on certain wound types like surgical, sternal wounds, leg ulcer with no compression. Latex free. <b>Not to be used with compression system</b>	
	Superabsorbent	Zetuvit plus	Superabsorbent dressing that contains a blend of cellulose fluff and fluid-retaining superabsorbent particles. Water - repellent air permeable non-woven layer protects against contamination soft consistency for a cushioning effect Indication superficial heavily exuding acute and chronic . Can be used under compression. <b>(First line super absorbent under compression bandaging ) Do not layer as water repellent backing</b>	Primary or secondary
		Kerramax care	Comprises of a soft non-woven outer contact layers for comfort with a superabsorbent core to lock in exudate bacteria and matrix metalloproteinases. The dressing also features a horizontal wicking layer and a heat sealed border. <b>May be layered</b> Suitable to use under compression Moderate to heavily exuding wounds	Primary or secondary

MISCELLANEOUS OPTIONS FOR SITUATIONS/ CONDITIONS  
NOT IN PREVIOUS SECTIONS

Dressing type	Dressings	Instructions / contraindications	Secondary Dressing
Film	Clearfilm	Vapour permeable latex free transparent adhesive dressing. Can be used to secure dressing or as a secondary dressing <a href="https://www.richardsonhealthcare.com/clearfilm">https://www.richardsonhealthcare.com/clearfilm</a>	None
Medicated Bandage	Icthopaste	Zinc paste and ichthammol non stretch bandage. Primary dressing suitable for use with venous leg ulcers, venous eczema, hyperkeratosis or skin conditions. Not to use with patient with an allergy of sensitivity to ingredients <b>Perform a patch test prior to full use</b> <b>This product will require training on its application</b> <a href="https://www.smith-nephew.com/uk/products/wound_management/product-search/ichtopaste/">https://www.smith-nephew.com/uk/products/wound_management/product-search/ichtopaste/</a>  <a href="https://www.youtube.com/watch?v=GjW34sY8PTo">https://www.youtube.com/watch?v=GjW34sY8PTo</a>	Appropriate secondary dressing /bandage system
	Viscopaste PB7	Zinc paste non stretch bandage. Primary dressing suitable for use with venous leg ulcers, venous eczema, hyperkeratosis or skin conditions. Not to use with patient with an allergy of sensitivity to ingredients <b>Perform a patch test prior to full use</b> <b>This product will require training on its application</b> <a href="https://www.smith-nephew.com/uk/products/wound_management/product-search/viscopaste-pb7/">https://www.smith-nephew.com/uk/products/wound_management/product-search/viscopaste-pb7/</a>	
	ZIPZOC	Zinc oxide impregnated medicated stocking. Primary dressing suitable for use with venous leg ulcers, venous eczema, hyperkeratosis or skin conditions. Not to use with patient with an allergy of sensitivity to ingredients <b>Perform a patch test prior to full use</b> <a href="https://www.smith-nephew.com/australia/healthcare/products/product-types/bandages/zinc-oxide-paste-bandages/zipzoc/">https://www.smith-nephew.com/australia/healthcare/products/product-types/bandages/zinc-oxide-paste-bandages/zipzoc/</a>	
Tubular Bandage	Clinifast	Elasticated tubular stockinette for the use of dressing retention and wet and dry wrapping	
	Comfigauze	Cost effective range of tubular bandages ideal for dressing retention under bandaging	

## GLOSSARY OF TERMS

### WOUND TYPES

<b>Acute</b>	An acute wound is an injury to the skin that occurs suddenly rather than over time. It heals at the predictable and expected rate of the normal wound healing process.
<b>Chronic (Hard to Heal)</b>	A chronic wound is one that has failed to progress through the phases of healing in an orderly and timely manner.
<b>Diabetic Foot Ulcer</b>	Underlying cause is diabetes. Occur anywhere on the foot. <b>Diabetic patients developing a wound to their foot and/or heel should be referred without delay to the relevant podiatry service.</b>
<b>Pressure Ulcer</b>	A pressure ulcer is localised injury to the skin and/or underlying tissue usually over a bony prominence, as a result of pressure, or pressure in combination with shear.
<b>Leg ulcer</b>	A wound that is found between the knee and the malleolus and fails to heal within 2 weeks
<b>Moisture Associated Skin Damage</b>	Loss of epidermis, caused by exposure to urine, faeces, body fluids and wound exudate.

### WOUND ANATOMY DESCRIPTORS

<b>Partial Thickness</b>	Wound penetrates the Epidermis and Dermis.
<b>Full Thickness</b>	Wound penetrates the epidermis, dermis, subcutaneous layer.
<b>Wound bed</b>	The base of the wound (depth)
<b>Wound Edge/Margin</b>	Perimeter of the wound (rim)
<b>Peri-wound</b>	Surrounding tissue usually within a 4cm radius of the wound edge
<b>Lesions</b>	A region in an organ or tissue ,which has suffered damage, through injury or disease, such as a wound, ulcer, abscess, or tumour.
<b>Tunnelling</b>	Channel or pathway that extends in any direction from the wound through subcutaneous tissue
<b>Undermining or Pocketing</b>	Tissue destruction underlying intact skin along the wound margins generally caused by shearing
<b>Epibole</b>	Rolled edges or curled under -meaning epithelial cells cannot migrate across wound bed.
<b>Callus</b>	Fibrous or Keratotic (hard) skin
<b>Erythema</b>	Superficial reddening of the skin, usually in patches, as a result of injury or irritation,, causing dilatation of the blood capillaries.
<b>Cellulitis</b>	A spreading bacterial infection just below the skin surface characterised by inflammation
<b>Oedema</b>	Swelling, from excessive accumulation of watery fluid, in cells, tissues, or serous cavities.
<b>Slough</b>	Slough is a mixture of dead white cells, dead bacteria rehydrated necrotic tissue and is yellowish creamy coloured
<b>Necrotic Tissue</b>	Black, brown and or grey non-viable tissue - dead – NO blood flow
<b>Hyper-granulation</b>	(Or over-granulation) granulation tissue that forms above surface and delays epithelialisation
<b>Excoriated</b>	Linear erosion and loss of epidermis usually due to mechanical means (dressings etc.)
<b>Macerated</b>	The softening and breaking down of skin resulting from prolonged exposure to moisture cloudy white appearance to skin.

## WOUND COLOURS

<b>Beefy Red</b>	Healthy tissue, good blood flow
<b>Pale Pink</b>	Poor blood flow, anaemia
<b>Purple</b>	Engorged, swelling, high bacteria levels, trauma
<b>Black or Brown</b>	Non-viable necrotic tissue
<b>Yellow</b>	Non-viable tissue; slough
<b>Green</b>	Infection (highly likely to be P. Aeruginosa but can be others), non-viable tissue
<b>White</b>	macerated; poor blood flow

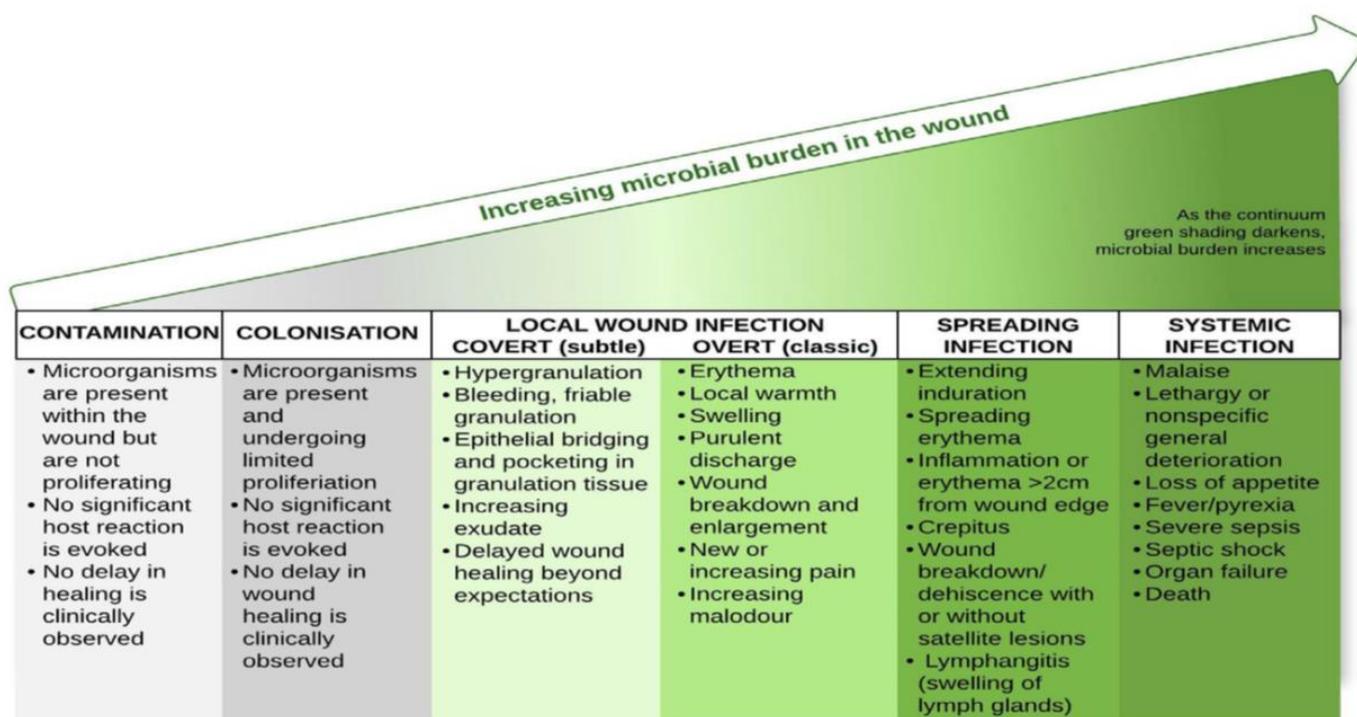
## EXUDATE

<b>Exudate</b>	Cells, fluids or other substances that accumulate/exude from cells or blood vessels through breaks in the cell membrane or small pores.
<b>Serous</b>	Clear or white, watery fluid that has separated from its solid element.
<b>Sanguineous</b>	Fluid (pink) that contains blood.
<b>Serosanguineous</b>	Thin and red, composed of both of serum and blood.
<b>Brown-Green Purulent</b>	The wound is regarded as infected.

## WOUND INFECTION CONTINUUM (WIC)

International Wound Infection

Institute (IWII) *Wound infection in clinical practice*. Wounds International 2022



**Biofilms** - A colony of single or multiple species of bacteria protected by a glycol-calyx (sugary coating) impervious to antibiotics and antimicrobials. Usually debrided before antimicrobial treatment can begin.

### CLINICAL INTERVENTION TERMS

<b>Pressure Relief</b>	The art of repositioning patients or adding supports to relieve and spread pressures from bony areas of the skin to prevent/reduce the risk of pressure ulceration.
<b>ABPI (Ankle Brachial Pressure Index)</b>	Measured by taking blood pressures at the brachial pulse (arm) and ankle pulse (foot) and compared to determine the ratio of blood pressure in the arms and legs
<b>TBPI (Toe Brachial Pressure Index)</b>	Measured by taking blood pressures at the brachial pulse (arm) and the big toe and compared to determine the ratio to determine arterial perfusion in feet and toes
<b>Doppler</b>	An ultrasonic device used to determine blood flow and vessel type. Whooshing indicates a vein; visible beats indicate an artery. <ul style="list-style-type: none"> <li>- <i>Triphasic</i> sounds are normal</li> <li>- <i>Biphasic</i> sound indicates decreasing/poor vein elasticity</li> <li>- <i>Monophasic</i> and usually denotes vessel/venous disease.</li> </ul>
<b>Compression Bandaging</b>	(40 mmHg regarded the gold standard) that applies compression to the venous system in the leg to assist blood return to the heart.
<b>Debridement</b>	Removal of devitalised tissue, sloughy and /or callus materials from in/around a wound. Can be autolytic (Hydrogel), mechanical (sharp, scalpel or versa jet)
<b>Antimicrobial</b>	A substance capable of killing or inhibiting bacteria. Concentrations must be higher than a bacterial species MIC (minimum inhibitory concentration) to work effectively. Silver, Iodine etc.

## Dressing Terms

<b>Foam</b>	A dressing that should conform absorb and retain excess exudate (exudate management) to reduce maceration risks and promote moist wound healing. <b>Foams do not relieve pressure or cushioning and do not prevent pressure areas</b>
<b>Hydrogel</b>	Water based gel used to debride necrotic tissue and dry slough
<b>Gelling Fibre</b>	An absorbent wound covering that helps manage exudate and removal of devitalised tissue by forming an optimal environment for healing
<b>Haemostatic</b>	A dressing applied when a wound is bleeding to provoke a reaction that stems bleeding- Not for use on heavy bleeding
<b>Alginate</b>	Absorbent dressing comprised of seaweed-based Calcium Alginate used to manage exudate.
<b>Wound Contact Layer</b>	A layer designed to go directly on to the wound that allows exudates to pass through and prevents other secondary dressings (and itself) from sticking to the wound bed.
<b>Hydrocolloid</b>	non-breathable and natural adherence. In the presence of exudate hydrocolloids 'gel up' promoting advanced wound healing.
<b>Topical Negative Pressure Therapy (Vacuum Assisted Closure)</b>	A vacuum created over the wound intermittently or continuously that removes wound fluid (exudate) and increases blood flow to the area promoting the inflammatory and proliferation phases of wound healing.

## Dressing Category Layout in Formulary

<b>Category</b>
<b>Wound Contact Layer</b>
<b>Antimicrobial/Medicated</b>
<b>Low-adherent Island</b>
<b>Foams</b>
<b>Foam Alginate</b>
<b>Alginates/Gelling Fibre</b>
<b>Hydrocolloids</b>
<b>Hydrogels</b>
<b>Odour control</b>
<b>Film Dressing</b>
<b>Absorbent Pad</b>
<b>Non adhesive Super Absorbent pad</b>
<b>Adhesive Super Absorbent pad</b>
<b>Bandages -Medicated</b>
<b>Bandages- Retention</b>
<b>Bandages- Compression</b>
<b>Bandages-Tubular</b>
<b>Barrier Products</b>
<b>Wound Care Accessories (debridement, irrigation, gauze, tapes, Dressing packs)</b>
<b>Index alphabetically of dressings and who has access e.g. Nursing homes</b>

# DRESSING FORMULARY

## WOUND CONTACT LAYER

Product	Company	Indication	Sizes	Pack Size	NHSSC code
Atrauman	Hartmann	Low adherent, polyester mesh wound contact layer. Do not use under other primary dressing. <b>Must be stored flat.</b>	5cmx5cm	50	EKA024
			7.5cmx10cm	50	EKA032
			10cmx20cm	30	EKA036
			20cmx30cm	10	EKA016
Lomatuell Pro	L&R	Gel forming wound contact net. Hydrocolloid particles gel when in contact with exudate Can be applied on either side. Contains Vaseline	5cm x 5cm	10	EKA022
			10cm X10cm	10	EKA023
			10cmX 20cm	10	EKA026
			10cm X30cm	10	EKA029
Silflex	Advancis Medical	Soft silicone wound contact layer.	5cm x 7cm	10	EKH028
			8cm x 10cm	10	EKH029

## ANTIMICROBIAL / MEDICATED

Product	Company	Indication	Sizes available	Pack size	NHSSC code
Activon Honey Tube	Advancis	Use only as antimicrobial dressing when infection present. Monitor patients with diabetes. Single patient use but tube will last 90 days from opening.	20g Tube	20	ELY864
Algivon Plus Honey	Advancis	Use only as antimicrobial dressing when infection present. Monitor patients with diabetes.	5cmx5cm	5	ELS549
			10cmx10cm	5	ELS550
			2.5cm x 20cm rope	5	ELS551
Flaminal Forte Gel	Flen Health	<b>Moderate to high exudate</b> Contains antimicrobial enzymes. Promotes debridement and support healing environment.	15g	5	ELG022
Flaminal Hydro Gel	Flen Health	<b>Low to moderate exudate- has less alginate</b> Contains antimicrobial enzymes. Promotes debridement and support healing environment.	15g	5	ELG021
Inadine	3M	Use only as an antimicrobial dressing when infection present. Short-term use only. Inactivated by high exudate. May need irrigation to remove. Caution in patient with kidney disease or taking thyroxine or lithium.	5cmx5cm (25pk)	25	EKB501
			9.5cmx9.5cm (25pk)	25	EKB502
Iodosorb	Smith & Nephew	Use only as an antimicrobial dressing when infection present. Short-term use only. May need irrigation to remove. Caution in patient with kidney disease or taking thyroxine or lithium. Do not use on dry necrotic tissue	10g	4	EKB012
Iodoflex Paste	Smith & Nephew	Use only as an antimicrobial dressing when infection present. Short-term use only. May need irrigation to remove. Caution in patient with kidney disease or taking thyroxine or lithium. Do not use on dry necrotic tissue	5g	5	EKB007

## LOW ADHERENT ISLAND DRESSING

Product	Company	Indication	Sizes WCP- Wound contact pad	Pack size	NHSSC code
Softpore	Richardson	First line dressing for simple low to moderate exuding wounds	6cm x 7cm (wcp 3cm x 4cm)	60	EIJ023
			10cm x 35cm(wcp 5cm x 30cm)	30	EIJ027
			10cm x 30cm(wcp 5cm x 25cm)	30	EIJ026
			10cm x 15cm(wcp 5cm x 10cm)	50	EIJ014
			10cm x 20cm(wcp 5cm x 15cm)	30	EIJ024
			10cm x 25cm(wcp 5cm x 20cm)	30	EIJ025
			10cm x 10cm (wcp 5cm x 5cm)	50	EIJ013
365 Island Dressing	Bunzlhealthcare	Vapour-permeable film to promote healing environment for light exuding wounds. Has an absorbent sterile pad <b>Shower proof</b>	5cm x 7.2cm (wcp 2.5cm x 3.7cm)		ELW545
			8.5cmx15.5cm (wcp 4cmx11.5cm)		ELW547
			30cm x 10cm (wcp 5.5cm x25.5cm)		ELW548

## FOAMS

Product	Company	Indication	Sizes	Pad size WCP	Pack size	NHSSC code
Allevyn Non adhesive	Smith& Nephew	Non-Adhesive polyurethane foam dressing Absorbent hydrocellular pad with waterproof cover For moderate exuding wounds	5cm x 5cm	N/A	10	ELA129
			10cm x 10cm	N/A	10	ELA131
			10cm x 20cm	N/A	10	ELA101
Allevyn Life Bordered	Smith& Nephew	Moderate exuding wounds requiring protective cushion. Fluid handling may be affected under compression bandaging	10.3cmx10.3cm	5.1cm x 5.1cm	10	ELA607
			12.9cmx12.9cm	7.6cm x 7.6cm	10	ELA608
			15.4cmx15.4cm	10.2cm x 10.2cm	10	ELA609
			21cm x 21cm	15.4cm x 15.4cm	10	ELA610
			17.2cmx17.5cm sacrum	12.5cm x 8.5cm	10	ELA645
			21.6cm x 23cm sacrum	17cm x 12.3cm	10	ELA646
Allevyn Gentle Bordered	Smith& Nephew	Moderate exuding wounds requiring protective cushion. Fluid handling may be affected under compression bandaging	7.5cmx7.5cm	5cm x 5cm	10	ELA359
			10cm x 10cm	7.5cm x 7.5cm	10	ELA362
			12.5x 12.5cm	10cm x 10cm	10	ELA361
			15cm x 15cm	12.5cm x 12.5cm	10	ELA565
			10cm x 20cm	7.5cm x 17.5cm	10	ELA499

## ALGINATE/ GELLING FIBRES

Product	Company	Indication	Sizes	Pack size	NHSSC code
Durafiber	Smith & Nephew	Durafiber is specifically formulated for the treatment of medium- to heavily exuding wounds. Its innovative gelling fibre technology allows it to effectively manage exudate and maintain a moist wound environment, which is crucial for the healing process. This dressing is a valuable addition to wound care and provides reliable solutions for various wound types.	5cm x 5cm	10	ELY330
			10cm x 10cm	10	ELY331
			15cm x 15cm	5	ELY332
			2cm x 45cm	5	ELY333
Urgoclean Rope(with probe)	Urgo	Non adherent sheet dressing with TLC Matrix and debriding properties in rope form	2.5cm x 40cm	5	ELZ454
Urgoclean Dressing Pad	Urgo	Non adherent sheet dressing with TLC Matrix and debriding properties	6cm x 6 cm	10	ELZ404
			10cm x 10cm	10	ELZ405
			15cm x 20cm	10	ELZ406
Kaltostat	Convatec	Non-woven sodium alginate dressing Promotes Haemostasis on contact with bleeding wound	7.5cm x 12cm	10	ELS231
			2G Packing	5	ELS241

## HYDROCOLLOIDS

Product	Company	Indication	Sizes	Pack size	NHSSC code
Granuflex Bordered	Convatec	Forms a gel in the presence of exudate to facilitate rehydration; promotes autolytic debridement. For use when bordered dressing required.	6cmx6cm (S155)	5	ELM151
			10cm x10cm (S156)	10	ELM053
			15cm x15cm (S157)	5	ELM155
Duoderm Extra thin Non Bordered	Convatec	Forms a gel in the presence of exudate to facilitate rehydration; promotes autolytic debridement. For lightly exuding wounds. <b>DO NOT use on full-thickness burns, dry wounds or diabetic feet.</b>	5cm x10cm (S163)	10	ELM317
			7.cm x 7.5cm(S160)	5	ELM311
			10cm x 10cm(S161)	10	ELM050

## HYDROGELS

Product	Company	Indication	Sizes	Pack size	NHSSC code
Kerralite Cool	3M	<b>Non-Bordered:</b> Soothing, debriding and moisture balance gel dressing, providing cushioning and absorption	6cm x 6cm	5	EME081
			12cm x 8.5cm	5	EME082
Kerralite Cool	3M	<b>Bordered:</b> Soothing, debriding and moisture balance gel dressing, providing cushioning and absorption <b>On ECCH skin tear pathway</b>	8cm x 8cm	5	EME084
			11cm x 11cm	5	EME085
			15cm x 15cm	5	EME086
Intrasite Gel	Smith & Nephew	Additive free hydrogel for creating a moist healing environment Not for use of very wet wounds	15g	10	ELG000

## ODOUR CONTROL

Product	Company	Indication	Sizes	Pack Size	NHSSC
Clinisorb	CliniMed	Clinisorb dressings have an activated charcoal cloth between layers of viscose rayon coated with polyamide. The polyamide prevents the dressing from sticking to the wound surface and stops fibres coming away from the dressing. Clinisorb absorbs toxins thus reducing malodour which can be distressful to both patient and carer. Since both sides of these dressings are identical and can be used either side down	10 x 10 cm	10	ELV051
			10 x 20cm	10	ELV053

## FILM DRESSINGS

Product	Company	Indication	Sizes available	Pack Size	NHSSC code	
Clearfilm Waterproof	Richardson	Vapour-permeable film to promote healing environment for light exuding wounds. Use for retention of medical devices or as a secondary dressing.	6cm x 7cm	100	ELW646	
			20cm x 30cm	10	ELW698	
			10cm x 12cm	50	ELW968	
			15cm x 20cm	50	ELW969	
Tegaderm IV	3M	Film dressing for securing IV devices	Peripheral	7cm x 8.5cm	100	ELW056
			PICC	10 x 15.5 cm	25	ELW174
			Central	8.5 x11.5cm	50	ELW335

## ABSORBANT PAD

Product	Company	Indication	Sizes	Pack Size	NSHSC code
Xupad (Cellulose)	Richardson	<b>First-line</b> Latex free ultra-absorbent pad dressing For moderate exuding wounds	10cm x 12cm	25	EJA092
			10cm x 20cm	25	EJA093
			20cm x 20cm	15	EJA094
			20cm x 40cm	8	EJA095

## NON-ADHESIVE SUPER ABSORBENT PADS

Product	Company	Indication	Sizes	Pack Size	NSHSC code
Zetuvit Plus	Hartman	Soft, Super absorbent pad dressing Waterproof backing, so do not layer For Moderate to heavily exuding wounds. Can be used under compression if not too bulky	10cm x 10cm	10	EME046
			10cm x 20cm	10	EME047
			15cm x 20cm	10	EME048
			20cm x 25cm	10	EME049
			20cm x 40cm	10	EME128
Kerramax Care	3m	Super absorbent pad dressing. Non water proof backing so can be stacked For Moderate to heavily exuding wounds. Can be used under compression	10cm x 10cm	50	EME123
			10cm x 22cm	50	EME124
			20cm x 22cm	30	EME125
			20cm x30 cm	30	EME126
			20cm x50 cm	10	EMA040

## BANDAGES

### Medicated Paste

Product	Company	Indication	Sizes available	Pack Size	NHSSC code
Ichthopaste	Evolan	Zinc and ichthammol medicated non stretch bandage. For most wounds and excema and dermatitis. Perform a patch test prior to full use	7.5cmx6m	single	EFA051
Viscopaste PB7	Evolan	Zinc medicated non stretch bandage For most wounds and excema and dermatitis. Perform a patch test prior to full use	7.5cmx6m	single	EFA011
ZipZoc	Evolan	Zinc Oxide impregnated tubular bandage. (LMP) <b>N.B: This item cannot be returned</b>	17cm x 13cm	4	EFA029

### BANDAGES -RETENTION

Product	Company	Indication	Sizes available	Pack size	NHSSC code
K-Band	Urgo	Lightweight Retention bandage.	5cmx4m	20	EDB034
			7cmx4m	20	EDB035
			10cmx4m	20	EDB039
			15cmx4m	20	EDB040
K-Lite Type 2	Urgo	Retention bandage	10cmx4.5m	10	ECA100
K-Lite Long	Urgo	Light support bandage	10cmx5.25m	16	ECA173
K-Soft	Urgo	Latex free, Viscose, and polyester wadding	10cmx3.5m	24	EPA028
K-Soft Long	Urgo	Latex free, Viscose, and polyester wadding	10cmx4.5cm	24	ECA174

### BANDAGES- COMPRESSION

Product	Company	Indication	Sizes	Pack Size	NHSSC code
Actico Cohesive	L&R Healthcare	Short stretch bandage	8cm x 6m <b>NCH&amp;C only</b>	single	EBA032
			10cm x 6m	single	EBA016
			12cm x 6m <b>NCH&amp;C only</b>	single	EBA033
Cellona	L&R Healthcare	Padding – for use in full limb Actico chronic oedema bandaging	10cmx2.75m <b>NCH&amp;C only</b>	48	EBA035
Urgo K Two compression 40mmHg	Urgo	Two layer system	<b>18-25cm 10cm width</b>	1 Kit	ECA152
			Latex free	1 Kit	ECA236
			<b>25-32cm 10cm width</b>	1 Kit	ECA164
			Latex free	1 Kit	ECA237
Urgo K Two Reduced compression 20mmHg	Urgo	Two layer system	<b>18-25cm 10cm width</b>	1 Kit	ECA205
			Latex free	1 Kit	ECA234
			<b>25-32cm 10cm width</b>	1 Kit	ECA206
			Latex free	1 Kit	ECA235

## BANDAGES- TUBULAR

Product	Company	Indication	Sizes	Pack Size	NHSSC code	
Clinifast	Clinisupplies LTD	Tubular Bandage	Green	3.5cm x 10m	single	EGP019
			Blue	7.5cm x 10m	single	EGP020
			Yellow	10.75cmx10m	single	EGP021
			Beige	17.5cm x 10	single	EGP022
Comfigauze	Vernacare	Tubular Bandage	01 Finger/toes	1.5cmx20m -	single	EGJ035
			12 Finger/toes	2.7cmx20m –	single	EGJ036
			78 Adult limbs	7.7cm x 20m	single	EGJ035
Cotton Stockinette Plain	Sallis Healthcare	(May need to change brand if later unavailable)	10cm x 20m roll	single	EGJ174	

## BARRIER PRODUCTS

Product	Company	Indication	Sizes available	Pack	NHSSC Code
Medi Derma-S cream	MedicarePlus	Barrier Cream Sachets Skin Protectant Nursing homes, a resident can be started on the cream but for long term use, will need to have prescribed as a tube of cream on repeat prescription. 90g tube should last two months based on average recommended use	2g	20	ELY536
Medi Derma-S Barrier Film	MedicarePlus	Applicator stick / lolly Skin Protectant	1ml	5	ELY532
Medi Derma-S Film	MedicarePlus	Pump Skin Protectant	30ml	Single	ELY562

Barrier products for ongoing use in both residential and nursing homes need to be requested and supplied via the patients GP and should be available on repeat prescription. Nursing homes and GP practices will be able to access the film barrier preparations for wound care and moisture damage (MASD).



CATEGORISATION <sup>1</sup>	DESCRIPTION <sup>1</sup>	TREATMENT	INCONTINENCE-ASSOCIATED DERMATITIS <sup>2</sup>	INTERTRIGO <sup>3</sup>	PERIWOUND DERMATITIS <sup>4</sup>	PERISTOMAL DERMATITIS	OTHER CAUSES OF MASD
MILD SKIN DAMAGE	<ul style="list-style-type: none"> <li>Erythema (redness) of skin only</li> <li>Dry and intact but irritated and at risk of breakdown</li> </ul>	Apply barrier cream every third wash/twice a day		Barrier cream not indicated for use	Barrier cream not indicated for use	Barrier cream not indicated for use	<ul style="list-style-type: none"> <li>Skin Care</li> <li>Use pH balanced cleanser or emollient</li> <li>Pat dry</li> </ul>
MODERATE SKIN DAMAGE	<ul style="list-style-type: none"> <li>Erythema with less than 50% damaged skin</li> <li>Oozing and/or bleeding may be present</li> </ul>	Apply barrier film once a day					<ul style="list-style-type: none"> <li>Tracheostomy</li> <li>PEG sites</li> <li>Vascular Access sites</li> <li>Hypersalivation</li> </ul>
SEVERE SKIN DAMAGE	<ul style="list-style-type: none"> <li>Erythema with more than 50% damaged skin</li> <li>Oozing and/or bleeding usually present</li> </ul>	Use pH balanced skin cleanser to cleanse, pat dry and apply barrier ointment at every cleanse		<p><sup>5</sup>If using anti-fungal cream for infected area, wait for cream to dry and apply barrier ointment</p>	NOT INDICATED FOR USE Exclude wound infection	NOT INDICATED FOR USE If a limb, support and elevate	<ul style="list-style-type: none"> <li>Infection</li> <li>Barrier products are not indicated if infection is present</li> <li>Except for Intertrigo<sup>5</sup></li> <li>Treat infection as per guidance before commencing use of barrier product</li> </ul>

The S.M.A.R.T. Resource is the property of Medicareplus International and supports the implementation of recommendations in the NICE guidelines on: Pressure Ulcers: Prevention and Management (CG170), Urinary Incontinence and Pelvic Floor Organ Prolapse in Women: Management (NG123), Faecal Incontinence in Adults: Management (CG191) December 2018, 1. Adapted by S. Jones & C. Winterbottom for Medicareplus International Limited with kind permission from the National Association of Tissue Viability Nurses Scotland (NATVNS) 2014 - Scottish Excavation & Moisture Related Skin Damage Tool. Available at: <http://www.pressureulcer.scot.nhs.uk/content/uploads/2017/04/Scottish-Excavation-and-moisture-related-Skin-Damage-Tool.pdf> Images of mild and moderate Incontinence-Associated Dermatitis courtesy of Sheffield Teaching Hospitals NHS Trust. Image of severe skin damage courtesy of NATVNS. \*\* Moderate intertrigo image available at dermatoweb.net. Severe intertrigo image available at www.operationalmedicine.org/intertrigo. \*\*\* Image of Periwound Dermatitis courtesy of Alison Parnham CNS Tissue Viability, Nottingham City Care.

## WOUND CARE ACCESSORIES

Product	Company	Indication	Sizes	Pack	NHSSC code
Tape Clinipore	Clinisupplies	Permeable surgical paper Tape Latex free	1.25cm x 10m	24	EHU019
			2.5cm x 10m	12	EHU020
			5cm x 10m	6	EHU021
Tape Omnifix	Paul Hartman	Soft cloth medical tape Latex free	5cm x 10m	single	ERH101
			10cm x 10m	single	ERH102
Debrisoft Pad	L & R	Wound debridement product	10cm x 10cm	5	ELZ963
Debrisoft Lolly	L & R		2cm x 5cm	5	ELZ728
Irrigation fluid 0.9% sodium chloride	Blue Dot	Irrigation fluid Rigid container	20ml	25	MRB1140
Non-Woven swab 4ply <b>non-sterile</b>	Unisurge		10cm x 10cm	100	ENK129
Non- Woven swab 4ply <b>sterile</b>	Unisurge		10cm x10cm	25 5 packs of 5	ENK132
Sterile Dressing pack	Variable brands	For use only when a STERILE FIELD IS REQUIRED Please check Formeo/Onpos for available products to order as availability of products will change frequently	Small Medium Large	variable	See ordering website for available products

### What is a Shadow Formulary?

The Shadow formulary is a formulary with advanced wound care products. These specialist products are available for the Tissue Viability Nurses / podiatry services to advise and order separately for the patient

The Tissue Viability nurse requires the patient to have a full wound assessment prior to referral for advanced wound products, ECCH and NCH&C have a pathways for these referrals .

***Review will be Bi-annually or as and when products are de-listed or added by NHSSC framework.***

**Products listed alphabetically (\* nursing homes have access to these products)**

Product	Category	Manufacturer	Access
Actico Compression Bandage	Short stretch bandage	L&R	Community & GP (some restrictions may apply to GP)
Algivon Honey Tube & dressings	Antimicrobial	Advancis	ALL*
Allevyn Gentle Border (NCH&C skin tear pathway)	Foam	Smith & Nephew	ALL*
Allevyn Life Bordered	Foam	Smith & Nephew	ALL*
Allevyn Non-Adhesive	Foam	Smith & Nephew	ALL*
Atrauman	Wound contact	Hartman	ALL*
Cellona	Bandages/Compression	L& R	NCH&C only
Clearfilm	Film Dressing	Richardson	Community & GP
Clinifast	Bandages Tubular	Clinisupplies	ALL*
Clinisorb	Odour Control	Clinimed	ALL*
Clinipore tape	Tapes	Clinisupplies	ALL*
Comfigauze	Bandages Tubular	Vernacare	ALL*
Cotton Stockinette	Bandages Tubular	Sallis	Community & GP
Debrisoft Lolly	Debridement	L & R	Community & GP
Debrisoft Pad	Debridement	L & R	ALL*
Dressing Packs	Dressing Packs	Various	ALL*
Duoderm Extra Thin	Hydrocolloid	Convatec	ALL*
Durafiber	Gelling Fibre	Smith & Nephew	ALL*
Flaminal Forte	Antimicrobial /medicated	Flen Health	ALL*
Flaminal Hydro	Antimicrobial /medicated	Flen Health	ALL*
Granuflex	Hydrocolloid	Convatec	ALL*
Ichtopaste	Medicated Paste Bandage	Evolan	Community & GP
Inadine	Antimicrobial /medicated	KCI	ALL*
Iodoflex paste	Antimicrobial /medicated	Smith & Nephew	Community & GP
Iodosorb powder	Antimicrobial /medicated	Smith & Nephew	Community & GP
Intrasite Gel	Hydrogel	Smith & Nephew	ALL*
Irrigation pod (Saline)	Wound care accessories	Generic (Blue Dot)	ALL*
K-Band	Bandaging	3M	ALL*
Kaltostat	Alginate with Haemostatic	Convatec	Community & GP
KerraLite Cool (Part of ECCH skin tear pathway)	Hydrogel	3M	ALL*
K-Lite	Bandaging	Urgo	ALL*
K-soft	Bandaging	Urgo	ALL*
Kerramax care	Super Absorbent	3M	Community & GP
Lomatuell Pro	Wound contact layer	L&R	ALL*
Medi-Derma	Wound care accessories	Medi-Care	ALL*
Omnifix Tape	Wound care accessories	Hartman	ALL*
Silflex	Wound contact layer	Advancis	Community & GP
Softpore	Low adherent Island	Richardson	ALL*
Swabs ( non- woven gauze )	Wound care accessories	Generic	ALL* some size restrictions
Tegaderm IV	Film Dressing	3M	ALL* (some restrictions)
UrgoKTwo & UrgoKTwo reduced	Bandaging	Urgo	Community only
Urgo Clean Rope/Pad	Alginate/Gelling fibre	Urgo	Community & GP
Viscopaste	Medicated Paste bandage	Evolan	Community & GP
Xupad	Absorbent pad	Richardson	ALL*
Zetuvit Plus	Super absorbent pad	Hartman	ALL*
ZipZoc	Medicated Paste bandage	Evolan	Community & GP
365 Island dressings	Low adherent Island dressing	Bunzlhealthcare	All*