Venous leg ulcers

An algorithm for assessment and dressing selection



Holistic assessment and manageme

Assessment of patients and lower limb

Medical history

• Physical, physiological and psychosocial health

Lower limb assessment 2

Signs of venous disease e.g.:

- Oedema
- Eczema
- Lipodermatosclerosis
- Altered shape inverted 'champagne bottle'
- Haemosiderin pigmentation
- Atrophie blanche
- Other skin changes
- Varicose veins
- Ankle flare (distended veins in foot arch or ankle region)
- Evidence of healed ulcers

Vascular status and 3 oxygenation levels

- ABPI assessment with a Doppler. Referral to vascular specialist when ABPI: <0,8 or >1.4 or absolute systolic ankle pressure <60mmHg. When ABPI ≤0.5 urgent referral to vascular surgeon. A patient with an ulcer should be referred to vascular centre for consideration of venous interventions.
- Toe-brachial index (TBI) when ABPI: <0,8 or >1.4
- Consider oxygen assessment e.g. with transcutaneous oximetry (TcPO₂)

Wound and periwound

Infection:

Local signs of infection can be: increased exudate, nonhealing, malodour, friable or discoloured granulation tissue, redness, pain, heat and swelling.

Wound bed, status/colour:

- Yellow slough
- Red granulation tissue, pink epithelialisation

Exudate

- Amount (none, low, moderate, high)
- Consistency/colour
- Wound location
- Wound size (area/depth)
- Wound edge (raised edge, undermining)
- Surrounding skin (maceration/excoriation, erythema, oedema)
- Pain (location, frequency, cause, type, intensity and duration)
- Odour (presence and nature)

Classification 5

Classification of Chronic venous insufficiency (CVI) with CEAP clinical classification. And Classification of the VLU as Simple or Complex.

Goals of treatment, education and concordance with the patient

Management of VLU^{3,4}

A VLU has a negative impact on all aspects of the patients daily living and need to be considered in the treatment plan. VLU may cause depression, anxiety and social isolation, but also leaking exudate, pain, odour, restricted mobility and sleep disturbance may be particularly challenging and distressing for these patients.

- A Multidisciplinary team (MDT) can be a resource for planning and treat a patient with VLU, for example
- Recommend the best compression therapy for the individual
- Nutritional advice
- Infection control and treatment
- Full vascular assessment and treatment
- Assessment and treatment of different skin problems

Remember:2-4

- Assess and manage pain (local and systemic) before dressing changes.
- Be aware of mixed aetiology that includes venous disease. For example if other factors are present, e.g arterial disease, diabetes or rheumatoid arthritis (vasculitic ulcer).
- Wound biopsy may be indicated in patients who have delayed healing and a wound suspected of being malignant.
- Education and training of the patient, caregiver and family is essential in enhancing concordance.
- Reassess if wound area reduction is less than 20–30% after 4–6 weeks of optimal compression treatment.

nt of patients with venous leg ulcers



* Use modified CT with caution. Absolute systolic ankle pressure should be >60mmHg²

- Optimal wound management with provision of local treatment need to be supported with appropriate management of systemic disease, compression therapy and debridement. Remember that surgical debridement is contraindicated in some circomstences, for example if ischemia is present or pyoderma gangrenosum⁵
- Monitor at each dressing change and reassess regularly. Be sure that the dressing is compatible with the compression therapy
- If you need to cut the dressing, consider using nonbordered products
- The choice of dressings must be based on local protocols and clinical judgement

Proven choice for a better outcome

Safetac[®] is the original less-pain contact layer with silicone adhesion. We designed it to mould softly to skin without sticking to the moist wound⁶ – so you can remove it easily without damaging the skin⁷. That means less pain for your patients⁸.

Safetac also protects new tissue and intact skin – so wounds remain undisturbed to support faster natural healing⁹⁻¹². And it seals the wound margins to protect skin from damaging leaks and maceration^{13,14}. This combination of less pain⁸ and less skin damage^{7,10-13,15} – to support faster healing⁹⁻¹² – can also reduce the cost of treatment^{10,11,15}.

You can trust Mölnlycke® dressings with Safetac, for better patient and economic outcomes.



Skin stripping occurs with traditional adhesive



No skin stripping occurs with Safetac technology⁷



Dressing information

Mepilex[®] Border Lite

SafetaC

- Light foam dressing with soft silicone wound contact layer
- For non to low-exuding wounds; designed to maintain a moist wound
- environment Thin, soft, and highly conformable
 Can easily be cut to size
- Minimises pain and damage at dressing change⁸

Mepilex[®] XT



- Foam dressing with soft silicone wound contact layer
- For low to moderately exuding wounds; designed to maintain a moist wound environment
- Soft and conformable foam dressing • Can easily be cut to size

· Minimise skin damage and pain at

• Mepilex XT can handle both low and

high viscosity fluid¹⁶

dressing changes¹⁷

Exufiber[®]

Mepilex® Border Flex



- All-in-one bordered foam dressing with flex cuts and soft silicone wound contact layer
- For moderately to highly exuding wounds; designed to maintain a moist wound environment • The Flex Technology allows
- Mepilex[®] Border Flex to move in every direction, reducing skin stress, increasing comfort and keeping it in place.18-
- The 5-layer dressing absorbs and trap exudate containing bacteria and keep the exudate away from the wound bed, even under compression therapy (in vitro)21
- Minimise skin damage and pain at dressing changes⁸

Mepilex[®] Ag

Safeta

Mepilex® Transfer Mepilex® Transfer Ag



- Antimicrobial foam dressing with soft silicone wound contact layer.
- For low to moderately exuding wounds, designed to maintain a moist wound environment
- Soft and conformable foam dressing • Can easily be cut to size
- Mepilex Ag kills wound-related pathogens within 30 minutes; and carries on doing so for up to 7 days (in vitro studies)22
- Minimise skin damage and pain at dressing changes8

• Mepilex Transfer Ag

antimicrobial effect within

effect up to 14 days (in vitro

• Minimise skin damage and

pain at dressing changes^{8, 39}

30 min and a sustained

combines a rapid

Mepilex[®] Border Ag



- Antimicrobial all-in-one bordered foam dressing
- For moderately to highly exuding wounds; designed to maintain a moist wound environment
- Combines excellent exudate management properties with antimicrobial action23,24
- Minimise skin damage and pain at dressing changes8

Mextra[®] Superabsorbent



- Superabsorbent dressing with fluidrepellent backing
- For highly exuding wounds
- Superabsorbent particles for high absorption and retention4
- The superabsorbent particles in the pad have a protease modulating activity41-43
- Soft and conformable
- Fluid repellent backing layer protects against fluid strike-through

- Gelling fibre dressing with silver (Exufiber Ag+) and without (Exufiber) • For moderately to highly
- exuding wounds Transforms into a gel that provide moist wound environment²⁵⁻²⁹ and softly conforms to the wound bed^{25,27,28}
- The Hydrolock® Technology absorbs and locks in exudate, blood and hacteria^{25,26}

Granulox®



- Granulox is a hemoglobin-based spray for topical use on chronic wounds
- The hemoglobin provides the wound with the required oxygen by means
- healed at 8–16 weeks compared to
- Granulox is easy to handle and to apply

enables one-piece dressing removal^{25-29, 31-34} • The Silver in Exufiber Ag+ kills a broad range of pathogens (in vitro)

Granudacyn[®]

venous leg ulcers

• Wound irrigation solution and gel for

acute and chronic wounds such as

Effective preservation with HOCl/

NaOCl against gram+/- bacteria,

viruses, fungi and spores⁴

Reduce wound malodor⁴⁸

and reduce biofilm, the antimicrobial effect is kept for up to seven days (*in vivo*)³⁵⁻³⁷ • Can easily be cut and used

Exufiber® Ag+

• The high structural integrity

in cavities

SafetaC • Exudate transfer dressings with silver (Mepilex Transfer Ag) and wothout (Mepilex

- Transfer Effectively transfer exudate
- to a secondary layer Very thin and conformable foam for difficult-to-dress
- Can easily be cut to size Mepilex Transfer Ag
- inactivates a broad range of microorganisms (in vitro studies)³⁸

Tubifast



• Tubular retention bandage

adult trunks

- Holds dressings securely, without constriction or compression • A variety of lengths are available
- Available in a range of quick reference, colour-coded sizes to fit everything from small limbs to

Expenses 1. Strokel R. Gester V. Kroger K. et al. Expert consensus on practical aspects of wourd therapy with memory and practice. *Strokel B. Consensus on practical aspects of wourd therapy with a set advectory of patients when a lay user. Challenges and current bled practice. <i>J Wound Care 2019: 2018*, expension of patients and expension of patients when a lay user. *Challenges and current bled practice. J Wound Care 2019: 2018*, expension of patients and expension of patients and expension of patients. *L R Management of patients and patients and the Royal Society of Medicine 2018*, 1071(222–224. White R. Enternet for attainable cost and dressing user. *Wound A Wound Care 2019*, 2018 (224). *Second Care 2019: 2018*, expension of pain when enternet of a worken enternologing expension of the Royal Active 2018. *Ultifield 2016*, 2017(224), 2018 (225), 2018 (2017), 2018 (225), 2018 (2017

Please note: This is a Guide only and cannot replace clinical judgement. Each clinician is responsible for comprehensive evaluation and a plan of care appropriate for individual patient needs.



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- of diffusion • Twice as many chronic wounds
- standard of care44-46