Venous Leg Ulcer Solutions

Getting your patients back on their feet.
Compression therapy has been shown to improve venous leg ulcer healing rates as compared to no compression.\textsuperscript{1} Compression therapy also reduces the risk of VLU recurrence.\textsuperscript{5} Although clinical guidelines recognize compression as the most effective VLU treatment, it is significantly underutilized or inappropriately applied, resulting in suboptimal compression and missed opportunities to heal wounds, improve patient quality of life and maximize healthcare efficiency.\textsuperscript{6}
3M™ Coban™ 2 Two-Layer Compression System

▶ Designed for effectiveness
Effective management of venous insufficiency, a cause of chronic edema in the lower extremities, is critical to preventing and treating VLUs. Studies by clinicians around the world have demonstrated that the compression provided by 3M™ Coban™ 2 Two-Layer Compression System is effective in reducing edema, pain and improving the activities of daily living of patients.12,13,14 Coban 2 Two-Layer Compression System is easy to apply and remove and is designed to stay in place.12,14+

▶ Designed for comfort, mobility and daily living
Venous leg ulcer healing times can be twice as long when patients are not compliant with compression therapy.17 Coban 2 Two-Layer Compression System has been shown to have a better capacity to maintain pressure over time compared to other leading compression systems, and because the bandages are low-profile and comfortable to wear, patients are more likely to keep them on, increasing compliance and the potential for more effective treatment.12,18

VLU healing rate‡+
In two large, well-controlled, retrospective analyses comparing Coban 2 Two-Layer Compression System to two other compression systems in the standard of care for VLUs, initiating compression therapy with Coban 2 Two-Layer Compression System has illustrated increased healing rates, better health-related quality of life, and a reduction in VLU patient management costs.5,16+

Quality of life
A retrospective analysis reviewing 675 patient records with newly-diagnosed venous leg ulcers compared Coban 2 Two-Layer Compression System to two other compression systems. Initiation of compression therapy with Coban 2 Two-Layer Compression System showed significantly improved healing rates and better health related quality of life compared to compression therapy provided with the other multi-layer compression bandage systems.16,

† Once compression has been initiated
‡ Refer to Instructions for Use
p<0.05

0.413 Quality-adjusted life years (QALYs)
3M™ Coban™ 2 Two-Layer Compression System

0.404 QALYs
Urgo KTwo

0.396 QALYs
PROFORE™
Best practices for VLU wound management

Reducing the pain and discomfort of VLUs includes best practice skin and wound care and managing chronic edema, which can help in managing VLUs.

Skin protection
Skin damage such as maceration, erythema and weeping are often associated with VLUs. Adverse skin changes can also be noted when dressings are unable to manage the volume of drainage, or are not changed often enough. Research supports routine protection of periwound skin from excess exudate and mechanical trauma, and protection of at-risk compromised skin as essential parts of wound management and wound bed preparation.

Exudate management
VLUs are typically shallow, full-thickness wounds with moderate to high exudate levels. Effective exudate management can reduce time to heal, dressing change frequency and nursing input, thereby optimizing health care efficiency. In VLU management, alginates, foam dressings and superabsorber dressings have been found to be effective at protecting the wound bed and managing exudate levels. The dressing should provide a moist wound environment and work effectively under compression therapy.

Disrupt biofilm and manage bioburden
Biofilm is prevalent in 80% of all chronic wounds, including VLUs. The presence of biofilm on a chronic wound perpetuates the inflammatory phase of wound healing, delaying healing. Research has shown that disrupting the biofilm matrix results in improved healing outcomes.

Compression therapy
Compression therapy is the gold standard of care for management of VLUs. Researchers have identified the elements of effective compression as a bandage or multi-layer system capable of creating an inelastic sleeve that provides stiffness to support venous pump mechanisms, stays in place during wear which results in less slippage, is comfortable to wear (well-tolerated resting pressures), and allows normal footwear which facilitates normal mobility and provides resistance to muscle pump dynamics.

3M’s four-step solution to VLU management
Select one for each step:

Step 1: Protect skin
- Routine skin protection: 3M™ Cavilon™ No Sting Barrier Film
- At-risk or damaged skin protection: 3M™ Cavilon™ Advanced Skin Protectant*

Step 2: Manage biofilm/ bioburden
- Disrupt, destroy, and defend biofilm reformation: BlastX™ Antimicrobial Wound Gel*
- Manage bioburden: 3M™ Tegaderm™ Ag Mesh Dressings with Silver* or 3M™ Tegaderm™ Alginate Ag Silver Dressings*

Step 3: Manage exudate
- 3M™ Tegaderm™ Silicone Foam Dressings
- 3M™ Tegaderm™ Superabsorber Dressings
- 3M™ Tegaderm™ High Performance Foam Dressings

Step 4: Provide therapeutic compression
- 3M™ Coban™ 2 and 3M™ Coban™ 2 Lite Two-Layer Compression Systems

*Rx device. See Instructions for Use. Warnings and precautions: When using BlastX™ Antimicrobial Wound Gel, do not use alginate dressings.
Learn more about 3M products for your VLU patients. Contact your 3M representative for personal education and visit 3M.com/VLU for more information.

+Refer to Instructions for Use.