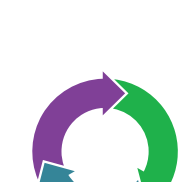


Venous Leg Ulcers (VLUs) and Compression Therapy

Combating venous insufficiency to promote healing, improve comfort, reduce costs and elevate health-related quality of life



Afflicts **3 million** people worldwide¹



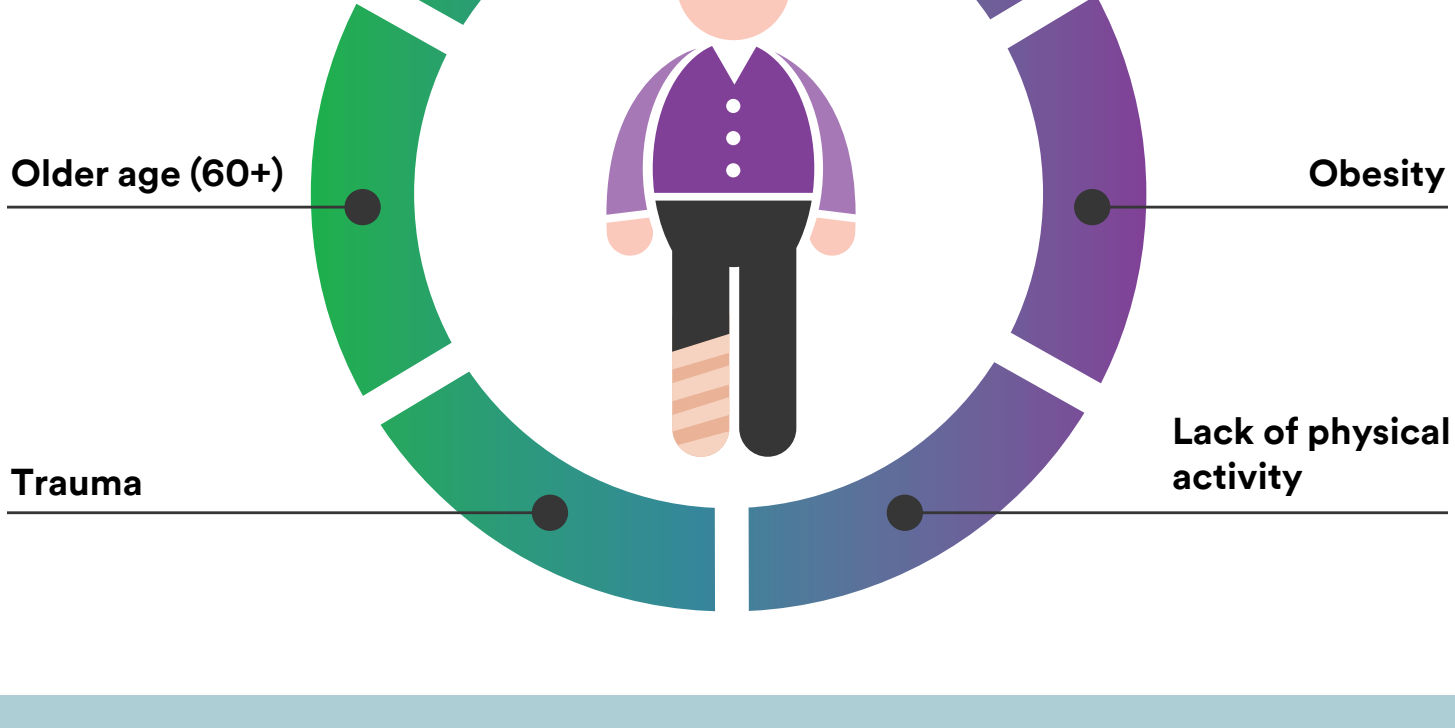
\$1.9-3.5 billion Annual cost of VLU treatment in the United States¹



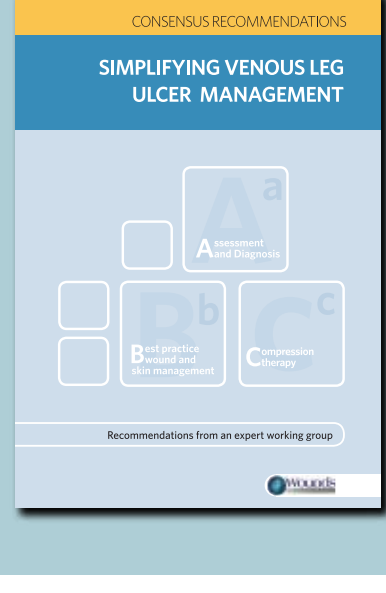
17-20% of patients experience a recurrence within 12 months²



Risk Factors



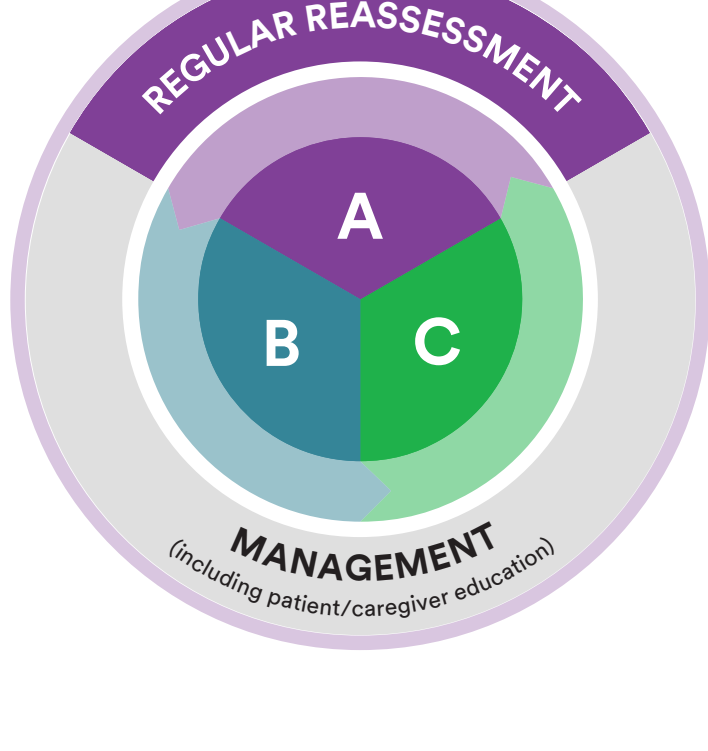
Consensus Recommendations: Simplifying Venous Leg Ulcer Management



- Funded by an unrestricted 3M educational grant
- Involvement from 13 international experts in leg ulcers and venous disease
- Calls for a simplified approach to compression therapy treatment for VLUs

[Click here to download the VLU consensus document](#)

The ABCs of VLU Management



- A** Assessment and Diagnosis
- B** Best Practice VLU Management
- C** Compression Therapy for Leg Ulcer Management

Assess Etiology of the Wound

- ✓ Gather indicators for appropriate management
- ✓ Determine referral service
- ✓ Categorize wound
- ✓ Determine prognosis

Best Practice VLU Management

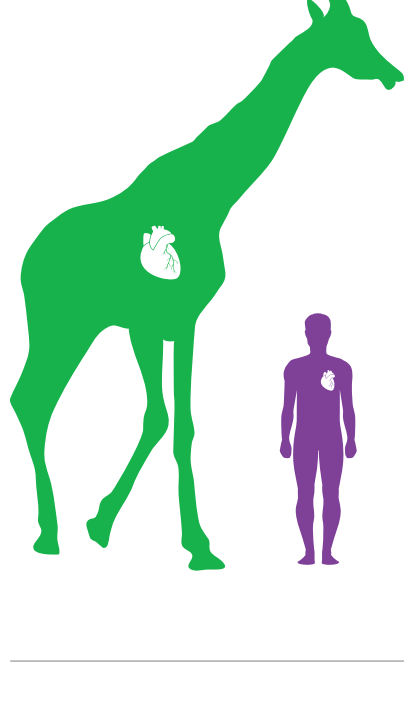
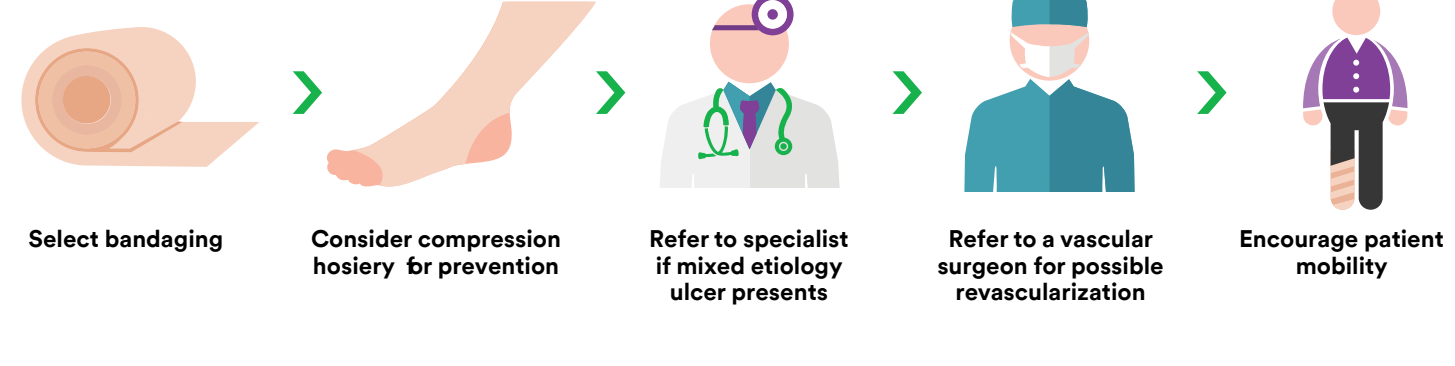
Step 1: Protect Skin
 3M™ Cavilon™ No Sting Barrier Film
 Protects periwound skin from maceration and adhesive trauma

Step 2: Manage Bioburden
 3M™ Tegaderm™ Ag Mesh Dressing with Silver
 3M™ Tegaderm™ Alginate Ag Silver Dressing
 Provides antimicrobial effectiveness

Step 3: Manage Exudate
 3M™ Tegaderm™ Silicone Foam Non-Bordered Dressing
 3M™ Tegaderm™ Superabsorber Dressing
 Multiple options for managing low to high exudate

Step 4: Compression Therapy
 3M™ Coban™ 2 Two-Layer Compression System
 Delivers comfortable, effective therapeutic compression, supported by clinical evidence

Compression Therapy Implementation



Why compression therapy?

Consider the giraffe.

- The distance between a giraffe's heart and feet is twice that of humans.
- Giraffes also have smaller calf muscles, no moving toes and minimal ankle joint movement.

Yet giraffes do not suffer from edema. Why?
 Because their skin is not extremely tough, fibrous and non-elastic. It creates a rigid sleeve that optimizes venous return.^{3,4}

3M™ Coban™ 2 Two-Layer Compression System: Advancing the Science of Compression Therapy



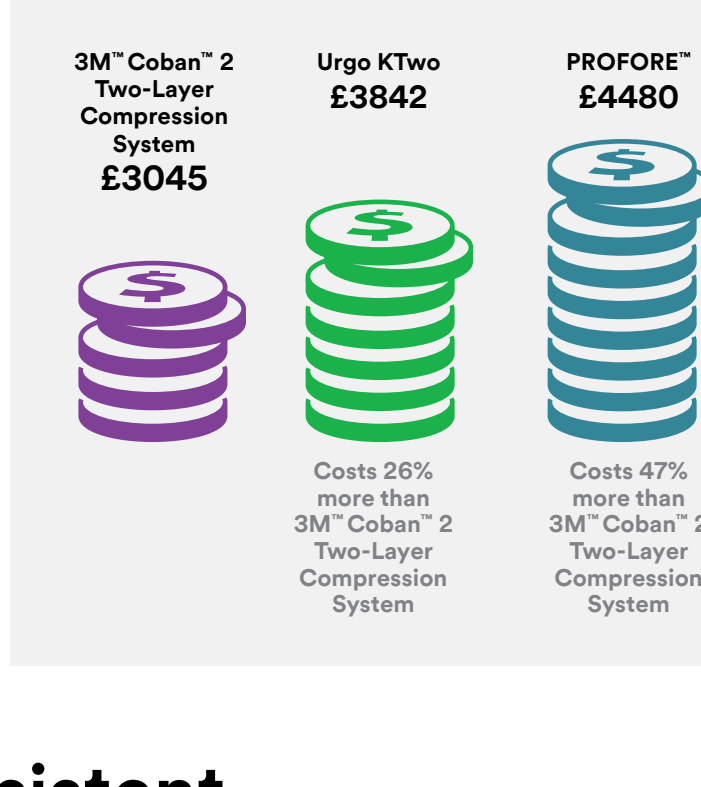
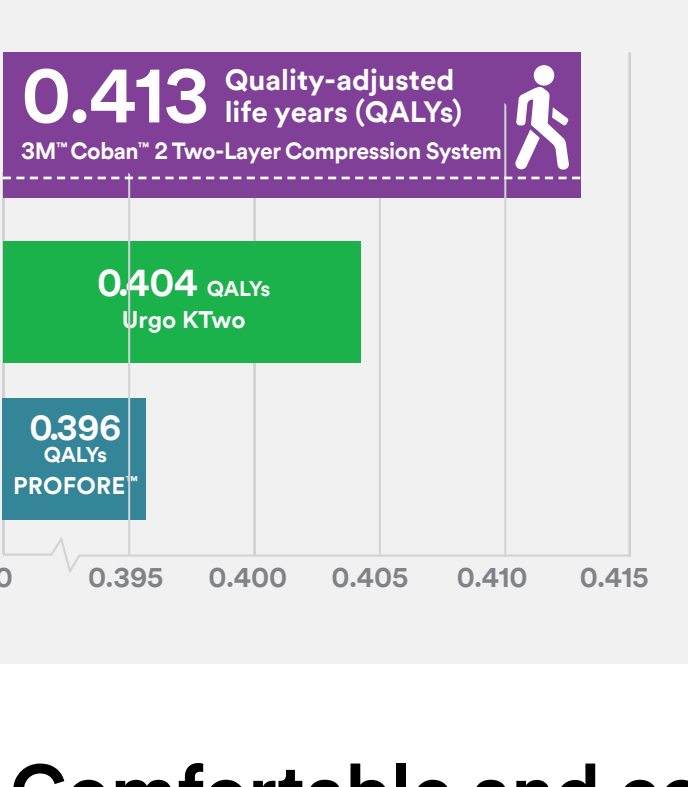
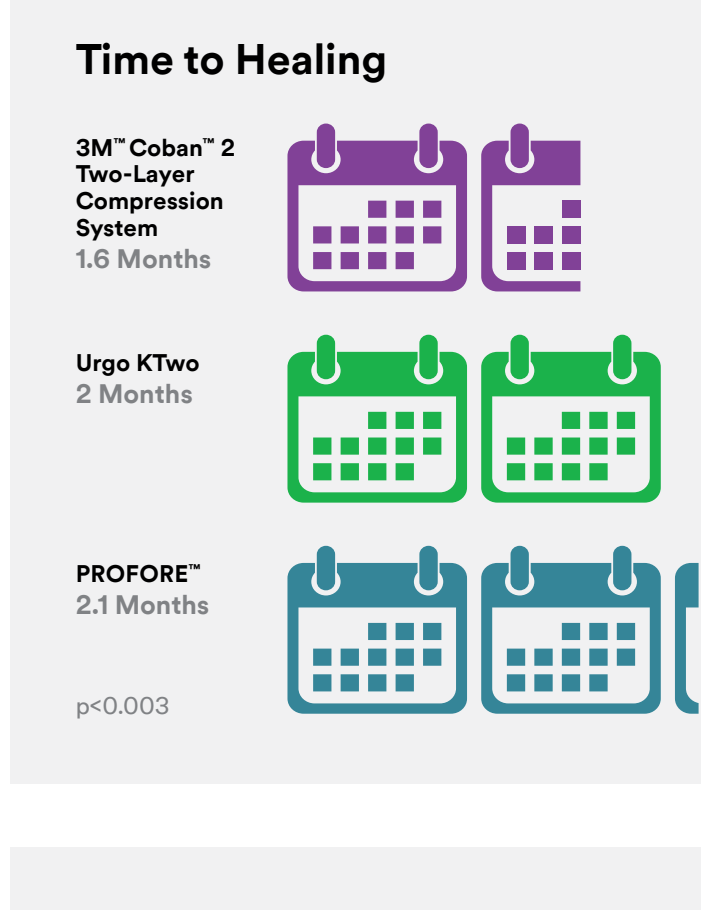
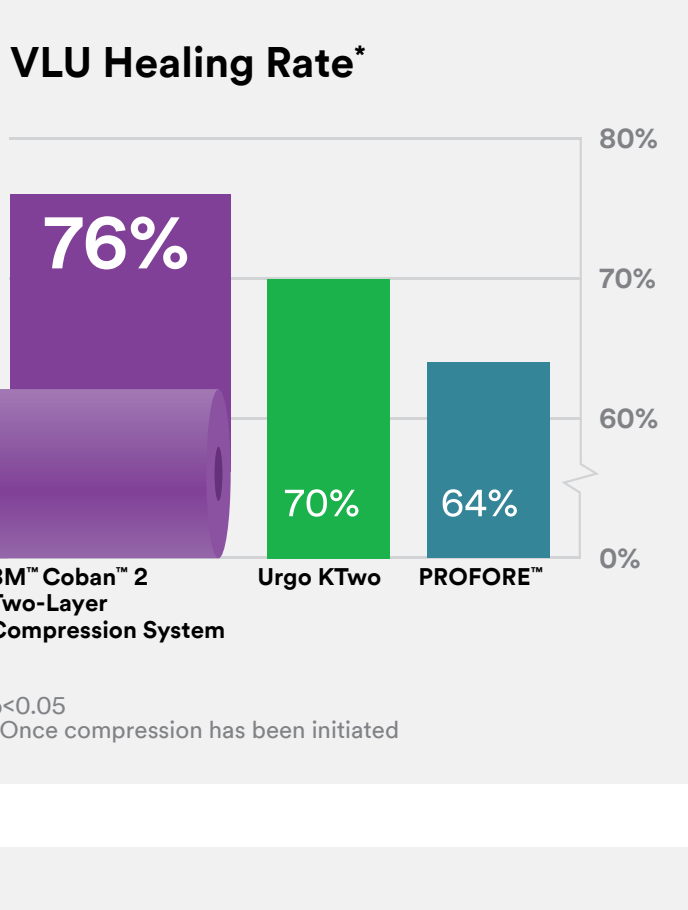
Clinical Outcomes and Cost-Effectiveness of Three Different Compression Systems in Newly Diagnosed Venous Leg Ulcers (VLUs) in the UK.⁵

The study's objective was to explore outcomes and cost-effectiveness of three different types of compression therapy systems and their impact in treating newly-diagnosed VLUs. The study specifically explored the following:⁵

- VLU healing rates
- Time to healing
- Quality of life
- Management costs

Through the Provision of Compression Therapy, the Following Impact was Observed in the Study

- 3M™ Coban™ 2 Two-Layer Compression System (Two-layer compression system)
- Urgo KTtwo (Two-layer compression system)
- Smith & Nephew PROFORE™ Multi-Layer Compression Bandage System (Four-layer compression system)



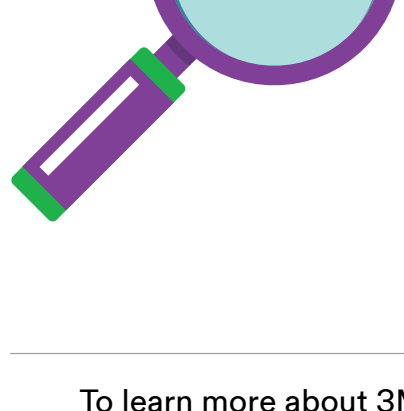
Comfortable and consistent.



Patients in this study were predominantly managed by community nurses rather than highly skilled specialists, and rarely saw the same nurse on consecutive visits – which can cause a lack of continuity in care. The 3M™ Coban™ 2 Two-Layer Compression System is designed to be applied at full stretch, reducing application variability and ensuring consistent compression – regardless of which practitioner a patient sees.

[Download the full study at 3M.com/Coban2Layer](#)

Study Conclusions



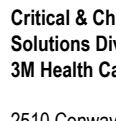
- ★ VLUs are a major problem and the most common type of chronic wound.⁶
- ★ Compression is the most effective treatment for healing VLUs.⁶
- ★ Initiating compression therapy with the 3M™ Coban™ 2 Two-Layer Compression System was associated with increased healing rate, significantly less time to healing, significantly better health-related quality of life and decreased management costs.⁵

To learn more about 3M™ Coban™ 2 Two-Layer Compression System, please contact your 3M Health Care Representative at 1-800-228-3957 or visit www.3M.com/Coban2Layer

Please visit 3M.com/Coban2IFU for complete product instructions.

REFERENCES:

1) Bergan JJ, Schmid-Schöbein GW, Coleridge Smith PD, et al. Chronic venous disease. N Engl J Med. 2006;355(5):488-498. 2) Reeder SWI, Eggen C, Maessen-Visch MB, de Roos KP, Neumann HA. Recurrence of venous leg ulceration. Reviews in Vascular Medicine. 2013;1:63-65. 3) Hargens AR, Millard RW, Pettersson K, Johansen K. Gravitational haemodynamics and oedema prevention in the giraffe. Nature. 1987;329(6134):59-60. 4) Pedley TJ. Haemodynamics: How giraffes prevent oedema. Nature 1987;329(6134):13-14. 5) Guest, J. F., Fuller, C. W., & Vowden, P. (2017). Clinical outcomes and cost-effectiveness of three different compression systems in newly diagnosed venous leg ulcers in the UK. Journal of Wound Care, 26(5), 6) Nelson EA, Bell-Syer SEM. Compression for preventing recurrence of venous ulcers. Cochrane Database Syst Rev. 2014;9:CD002303.



Critical & Chronic Care Solutions Division
 3M Health Care
 2510 Conway Avenue
 St. Paul, MN 55144 USA
 1-800-228-3957
 3M.com/Coban2Layer

3M, Coban, Tegaderm and Cavilon are trademarks of 3M. All other trademarks are the property of their respective owners.
 Please recycle. Printed in U.S.A.
 © 3M 2017. All rights reserved.
 70-9700-0029-8