

CLINICAL & ECONOMIC BENEFITS OF CUTIMED® OFF-LOADER SELECT TOTAL CONTACT CASTING SYSTEM

DFU Background

- In just one 24-hour period, 4660 Americans will be diagnosed with diabetes
- 20% of healthcare dollars are spent caring for people with diabetes
- 85% of lower extremity amputations in diabetic patients are preceded by a foot ulcer
- Diabetic foot ulcers impose a substantial burden on public and private payers in the US, doubling care costs per patient, compared to diabetic patients without foot ulcers
- Timely wound healing is less likely without comprehensive management, including off-loading
- Evidence based treatment guidelines including consensus documents and it is agreed that the Total Contact Cast (TCC) System is the Gold Standard of Care for off-loading, which is required for the healing of diabetic foot ulcers¹

About Cutimed® Off-Loader Select Total Contact Cast System

Cutimed® Off-Loader Select is a true total contact, rigid casting system that locks the heel and toes in place to significantly reduce shear, stress and friction on a DFU. It protects fragile wound bed and wound edges from shear and friction damage and reduces inflammation due to repetitive tissue damage.



Comes in complete, easy to fit kits that are customizable for most legs and take less than 10 minutes to apply.

Intended Use: The materials inside the Cutimed® Off-Loader Select kit are intended for the application of a total contact cast indicated to aid the management of non-infected diabetic and neuropathic foot wounds, Charcot foot or post-op immobilization following deformity reconstructions. The total contact cast will help to reduce the pressure on the wound (pressure off-loading) and should be used in conjunction with proper wound care.

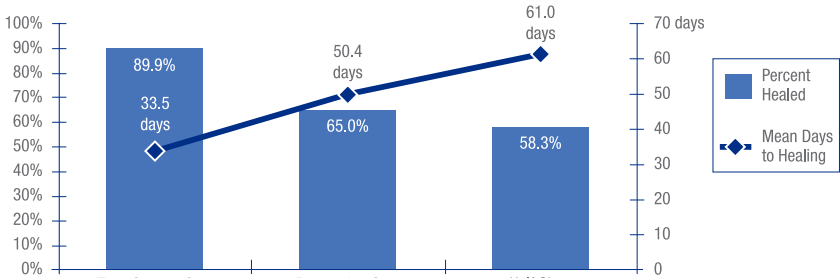
Convenient Kit Standardizes Treatment and Reduces Inventory Requirements

- Cutimed® Cavity sterile dressing
- Delta Terry-Net™ C cotton stockinette
- Delta Terry-Net™ adhesive felt padding
- Specialist® 100 cotton cast padding
- Delta-Lite® Conformable fiberglass cast tape
- Perforated open cell foam foams
- Cotton gauze



Clinical Data

Off-Loading – Comparing Healing Rates Against Other Methods



TCC has a healing rate of 90% and takes 1/2 the time vs other methods of offloading²

Cutimed® Off-Loader Select vs. Newer More Expensive Therapies

	% Healed	Healing Time
Total Contact Cast	80-90%	42 days
Removable Boot	52-74%	38-50 days
Apligraf®	56%	65 days
Dermagraft®	50%	72 days
*Regranex®	50%	140 days

Reyes, Diabetes Care, 2001; Gentzkow; Diabetes Care, 1996; Armstrong, Diabetes Care, 2007; Mueller, Diabetes Care, 1989; Peters, Arch Phys Med Rehab, 2001
*Kantor, Margolis; Expected Healing Rates for Chronic Wounds, Wounds 2000, 12: 155-158

Cutimed® Off-Loader Select Heals Faster

Cutimed® Off-Loader Select vs. Other Total Contact Casting Systems

A Retrospective Comparison of Healing Rates of Two Total Contact Cast Systems³

- A total of 24 patients with plantar foot ulcerations were healed
- 18 patients healed with use of the Cutimed® Off-Loader Select
- The average healing time for the Cutimed® Off-Loader Select cast was 3.75 weeks
- 6 patients healed with use of the TCC-EZ® cast
- The average healing time for the TCC-EZ® cast was 8.5 weeks

Economic Data

Cutimed® Off-Loader Select: A Cost-Effective Treatment (Example)

The example below is intended to highlight how cost-effective Cutimed® Off-Loader Select is comparable to TCC-EZ®. Utilizing a worst-case scenario, this example illustrates a healing time of eight weeks for both modalities, although it is proven that the Cutimed® Off-Loader Select has quicker healing times based on the retrospective comparison above.

Variables	TCC-EZ®	Cutimed® Off-Loader Select
Assume account treatments 200 DFUs per year	200	200
Cost per kit application	\$120	\$86
Cost per boot/patient	\$50	\$0
Cost per walking shoe/patient	50%	\$7.50
Eight weeks of treatment	\$1,010	\$695.50
Total annualized spend	\$202,000	\$139,100
Savings		\$62,900

Numbers above are averages and should be confirmed by your own facility.

31% Reduction in Cost Over 8 Weeks

Conclusions

- Cutimed® Off-Loader Select is a true total contact, rigid casting system that heals faster and offers superior results to other off-loading devices as well as more expensive therapies.

References

1. Consensus recommendations, Snyder, Kirsner, Laverly, OWM 2010. Guidelines for the treatment of diabetic ulcers, Steed et al. Wound Rep Reg (2006) Wound Healing Society

2. Armstrong Diabetes Care 2001; 24:1019–22. [RCT]

3. Lehrman, J. A Retrospective Comparison of Healing Rates of Two Total Contact Cast Systems presented at SAWC Spring 2014.

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