

## DermaClose

# The Preferred Treatment for Closing Fasciotomy Wounds

- Closure is often accomplished in 3 to 5 days\*
- Frequently used in combination with NPWT\*
- Reduce or eliminate the need for split thickness skin graft\*

### CALF



DAY 0



DAY 0



DAY 5

### FOREARM



DAY 0

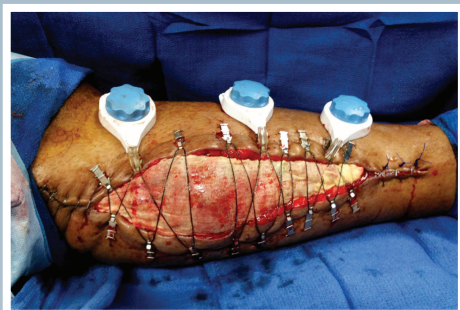


DAY 0

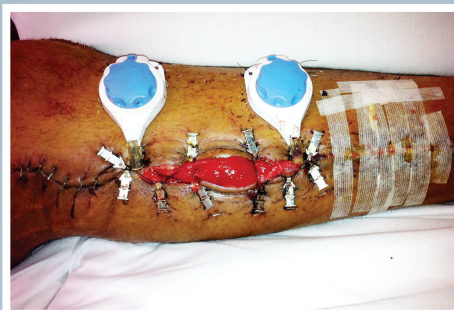


Closed on DAY 5  
(Follow up photo day 10)

### CALF



DAY 1



DAY 5



DAY 6

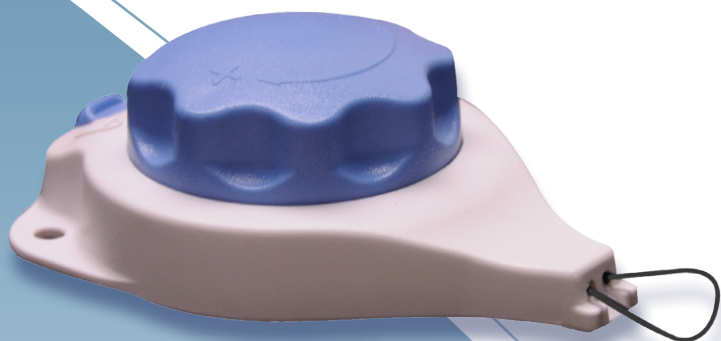
The DermaClose<sup>®</sup> RC is a continuous external tissue expander that is ideally suited to provide fast closure of fasciotomy wounds. It facilitates rapid tissue movement to reduce or re-approximate wounds by applying a calibrated, continuous pulling force to gradually and safely stretch the skin.

A spring tension motor eliminates the need for manual re-tightening after initial application. Delayed primary closure is often accomplished within a few days utilizing the principles of mechanical and biological creep.

## With the use of DermaClose you may:

- Reduce or eliminate the need for skin grafts
  - Eliminate skin graft donor site
- Reduce the risk of open wound complications
- Reduce operative visits and length of hospital stay
- Can be utilized in conjunction with negative pressure wound therapy (N.P.W.T.)
- Can be used as a "dynamic bolster" to off-load high tension closures
- Achieve faster time to closure compared to healing by secondary intention
  - Save time and money
  - Reduce the surgical burden for patients, doctors, and providers
- Experience improved results over manual tensioning techniques
- Reduce scarring and improve cosmesis

[www.fasciotomyclosure.com](http://www.fasciotomyclosure.com)



## Indications for Use

The DermaClose<sup>®</sup>RC Continuous External Tissue Expander is indicated for use in reducing or assisting with the closure of full-thickness wounds of the skin.

- » Utilizes Skin Anchors and an Automated Tension Controller
- » Maintains a Continuous Controlled Pulling Force
- » No Additional Tightening Required After Initial Application
- » Calibrated Tension is Maintained Until the Device is Removed

### \*References

1. Potter, M. B. K., Freedman, L. B. A. & Shuler, M. S. Fasciotomy Wound Management and Closure. Techniques in Orthopaedics 27, 62–66 (2012).
2. Lander, J., Ebertz, M., Farrell, A., Fish, F., Lisko, J., Samuelson, J., Squires, J., Wilke, R., Novel Continuous Tension Tissue Expansion Device For Reducing Or Closing Surgical Defects Of Moderate And Large Size. American Society of Dermatologic Surgery meeting October 13th, 2007.
3. Rader, A. Continuous Tissue Expansion: An effective method for enhanced lower extremity wound healing. American Society of Podiatric Medical Assistants Quarter Two, (2010).
4. Rode, E., Reggin, K. & Carlsen, B. Continuous External Tissue Expansion - A Novel Intervention for Closing Fasciotomy Wounds. (2010).
5. Bajoghli, A. A., Yoo, J. Y. & Faria, D. T. Utilization of a new tissue expander in the closure of a large Mohs surgical defect. J Drugs Dermatol 9, 149–151 (2010).

**DERMA**Close<sup>®</sup>RC  
Continuous External Tissue Expander

**WOUND CARE**<sup>™</sup>  
TECHNOLOGIES  
"Expanding Your Clinical Options"