

DynaClose®

Closed wounds can reduce morbidity, pain, and recovery time

Open Wounds Under Low Tension

DynaClose provides an easy and non-invasive method to close retracted or dehisced wounds up to 5 cm in width. It acts dynamically, moving with skin as it is stretched, while always providing a consistent appositional force.

DynaClose provides a second chance at skin closure for failing wounds. The clear elastomeric strip is anchored by an adhesive fabric tape on either side. Continuous traction is maintained by regularly changing the DynaClose until the wound is closed.

Results at a Glance

Example One

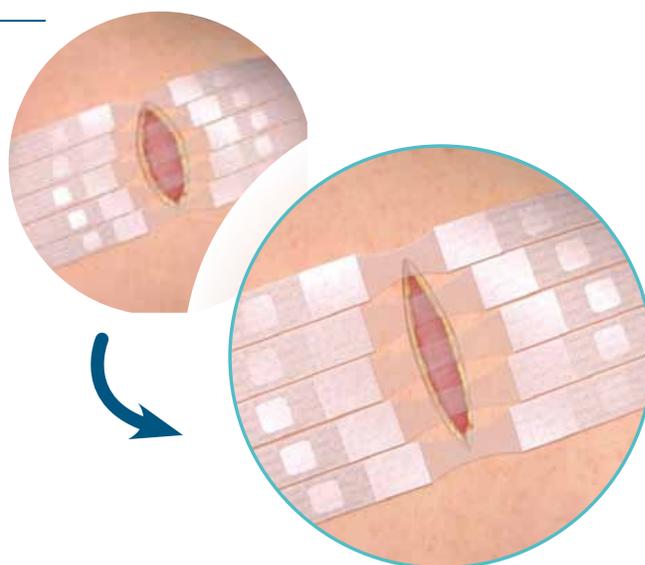


DynaClose used to close a fasciotomy wound.

Example Two



DynaClose used to close a chronic plantar ulcer.



Product	Code/Quantity
DynaClose (0.5 x 4.5 in)	DWC24
Small DynaClose Strips (4/pack)	60 (15 packs/set)
DynaClose (0.75 x 8.5 in)	DWC38
Large DynaClose Strips (4/pack)	60 (15 packs/set)

* These cases contain the opinions of and personal techniques practiced by the treating physician. The techniques presented herein are for informational purposes only. The decision of which techniques to use in a particular clinical application lies with the physician based on patient profile, particular circumstances surrounding the procedure, and previous clinical experiences.

A Dynamic Tissue Systems® Solution

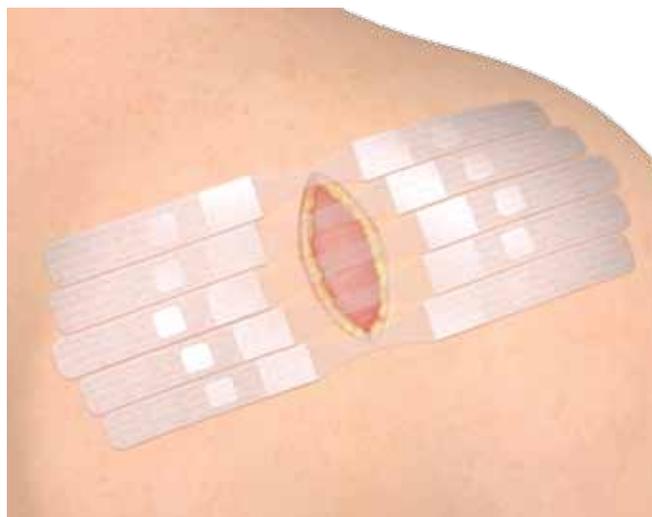
Open wounds impose serious clinical consequences

Dynamic Action

Gentle, unrelenting dynamic appositional forces (cyclic stretching) counters the retracting forces that keep wounds open.

How? Cyclic stretching of tissue facilitates collagen fiber rotation, increasing skin coverage. Continued cyclic stretching leads to constructive remodeling including tissue generation and adaptation.¹

Unlike static devices, dynamic therapeutic tension rapidly addresses the challenge of the retracted, stable wound. Therapeutic tension addresses the inertia required to return wound edges back to their original position for delayed primary closure.



Retracted Wounds

Open wounds retract laterally due to the inherent mechanical properties of tissue, increasing the degree of difficulty and time to definitive closure. A long-standing retracted open wound is not necessarily a permanent defect.

DynaClose can return tissue back to its closed system state with normal functional tension.

Dynamic Wound
Closure

Retraction
Prevention

Tissue Support
and Expansion

1. Johnson, TM, Lowe, L, Brown, MD, Sullivan, MJ, & Nelson, BR. Histology and physiology of tissue expansion. The Journal of dermatologic surgery and oncology. 1993; 19(12):1074-1078.