



DURAFUSE™

Rapid. Simple. Secure. Spinal Dural Closure

DuraFuse™ Dural Clips

- ▶ Bioabsorbable
- ▶ Non-Penetrating
- ▶ Radiolucent/MRI Safe
- ▶ Rapid. Simple. Secure.



NEURAMEDICA™
NeuraMedica.com

Document MKT-001-2 | Effective 2024-03-01



NeuraMedica.com

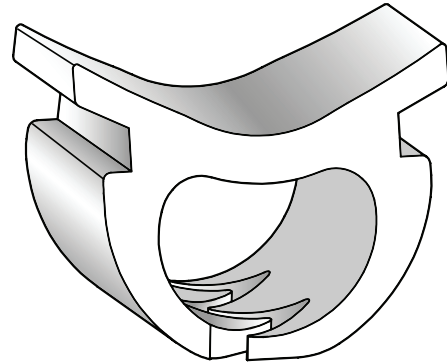


Video / IFU

Bioabsorbable

- ▶ Completely resorbs in 4-8 months
- ▶ Medical-grade bioabsorbable polymer (Glycoprene®)
- ▶ Degradants shown to be biocompatible
- ▶ Reduces risk of migration-related complications associated with permanent clips

Suture and metal clips are permanent

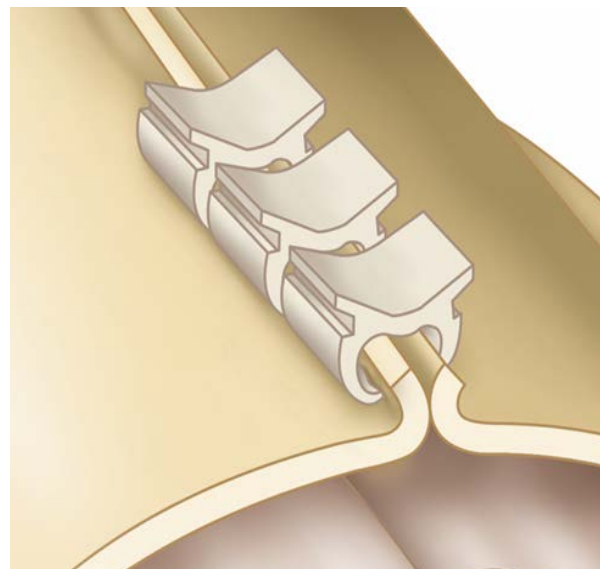


Non-Penetrating

- ▶ Does not puncture the dura
- ▶ Eliminates CSF leakage from suture holes
- ▶ Demonstrated no CSF leakage in bench & animal testing

Penetrating closure devices can cause CSF leaks leading to:

- *longer hospital stays*
- *intense spinal headaches*
- *revision surgeries*



Radiolucent / MRI SAFE

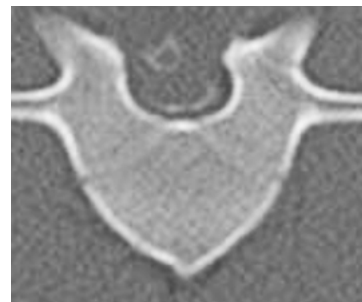
- ▶ Radiolucent polymer
- ▶ No imaging artifacts
- ▶ Does not block or obscure x-ray imaging
- ▶ Can be viewed with CT imaging if needed

Metallic closure devices can:

- create imaging artifacts
- block post-op imaging
- not be MRI Safe



*MRI showing
no imaging artifacts*

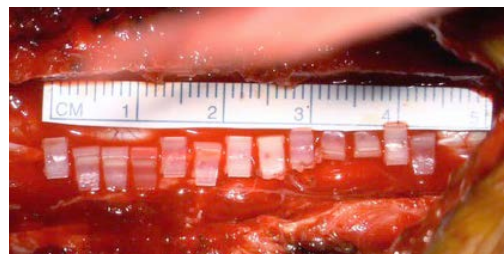


*CT image of
DuraFuse™ Clip
in animal model*

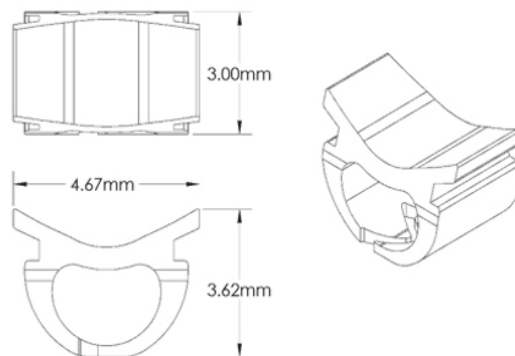
Rapid. Simple. Secure.

- ▶ **Rapid.** Much faster to apply than suture, reducing OR time & CSF loss.
- ▶ **Simple.** Straight-forward & intuitive surgical technique.
- ▶ **Secure.** Leak-free closure. No need for patches, overlays, or fibrin glue.
- ▶ **Minimal Access.** Can be used in both open and MIS tubular retractor procedures of the spine. No unplanned open procedure needed.
- ▶ **Reduced Cost.** 3mm wide Clips can be applied quickly, reducing costly OR time and risk to patient. Eliminating dural patches and sealants saves time and money.

Suture closure is often time-consuming and difficult and can still result in leakage & complications.



*Multiple DuraFuse™ Clips can be quickly
applied for larger dural openings*

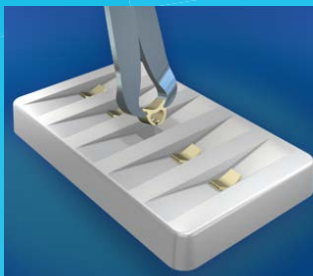




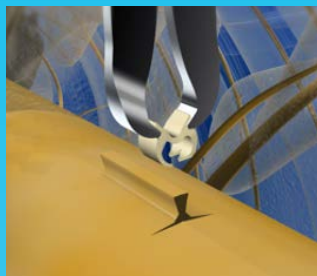
DuraFuse™ Dural Clips Provide Rapid. Simple. Secure. Spinal Dural Closure in Neurosurgical and Orthopedic Spine Procedures.

DuraFuse™ Clips are bioabsorbable, non-penetrating, and MRI safe. They are applied easily with a reusable applier and come in sterile 2, 3, and 5-packs. DuraFuse™ Clips can be used in both open and tubular retractor procedures of the spine. They eliminate leakage typically caused by suture holes and do not require additional overlaid dural sealants.

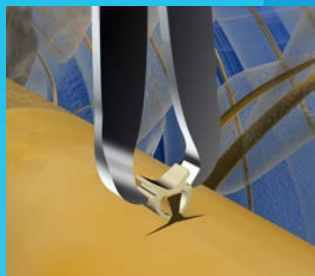
For more information - info@NeuraMedica.com



Step 1
Place Clip into Applier
Applier Locked



Step 2
Approximate Dura
Squeeze Handle to Open Clip



Step 3
Apply Clip
By Releasing Handle



Step 4
Assess Closure

Order DuraFuse™ Dural Clips

- ▶ DC-201 DuraFuse™ Dural Clips (2-clip cartridge)
- ▶ DC-301 DuraFuse™ Dural Clips (3-clip cartridge)
- ▶ DC-501 DuraFuse™ Dural Clips (5-clip cartridge)
- ▶ TR-200 DuraFuse™ Dural Clip Instrument Tray w / Appliers



Document MKT-001-2 | Effective 2024-03-01



NeuraMedica.com



Video / IFU