Neos SURGERY

MORE THAN **10 YEARS** AT THE FOREFRONT
OF **INNOVATIVE SURGICAL SOLUTIONS WORLDWIDE**

CRANIAL LOOP™

REINVENTING CRANIAL FIXATION

INSTRUMENT-FREE | FAST & EASY | RELIABLE FIXATION

The Cranial LOOP Family offers three different sizes, two for the craniotomy line and one for burr holes.

CRANIAL LOOP™ — 12 mm

CRANIAL LOOP (L)™ — 16 mm

CRANIAL LOOP (XL)™ BURR HOLE — 22 mm

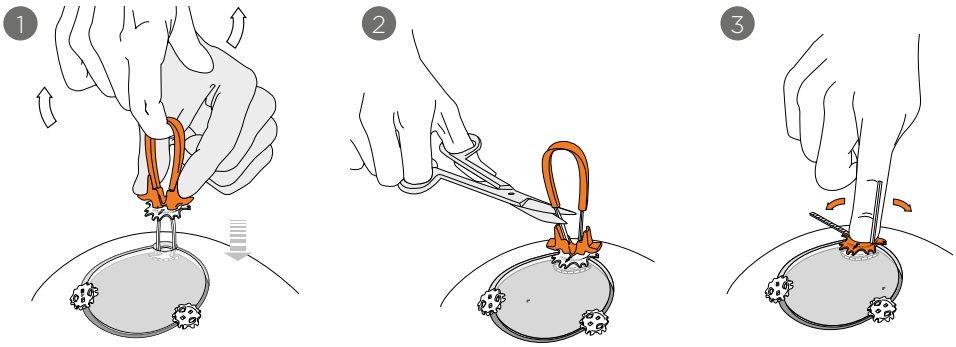
The Cranial LOOP family of cranial fixation devices are a smart system for securing bone flaps resulting from craniotomies.

Engineered from PEEK-OPTIMA™ polymer for excellent mechanical strength and resistance.

Artifact-free in X-Ray, CT scan and MRI.

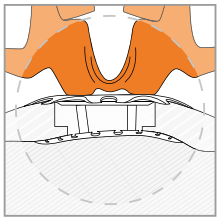
FAST & EASY INSTRUMENT-FREE

A simple pull & tighten action allows a **fast & easy application, in less than 1 minute.**



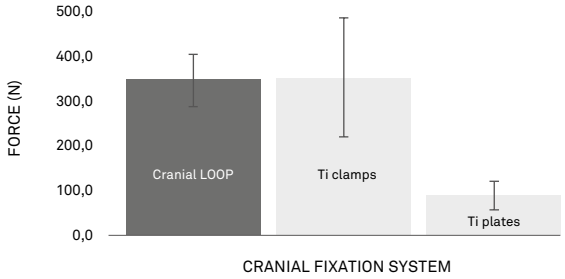
RELIABLE FIXATION

The Cranial LOOP family produces equivalent fixation strengths to those of other standard metallic fixation devices. The high strength of PEEK polymer material and the products' design provide a secure fixation and high adaptability to the skull.



FORCE REQUIRED TO SINK THE BONE FLAP 2 mm

NEOS Surgery's data, based on the testing methodology by Dr. Lerch (Neurosurgery. 1999; 44 (4): 902-5)



CLINICAL EVIDENCE

Cranial LOOP long-term safety and performance. Used for more than 10 years. [1,2]

- Optimal bone flap alignment after surgery and at follow-up.
- High surgeon satisfaction rate.
- Safety demonstrated during a mean follow-up of 12 months.
- Patients with a maximum follow-up of 5 years.

[1] Asencio, C. et al. "Long-Term Safety and Performance of a Polymeric Clamp-Like Cranial Fixation System". World Neurosurg 2019; 126: e758-e764. [2] Van Loock, K. et al. "Cranial Bone Flap fixation using a New Device (Cranial Loop™)", Minim Invas Neurosurg 2011; 54:119-124.

GENERAL INFORMATION

- Supplied ready to use: sterile, no instrument tray needed.
- Reduced risk of soft tissue damage due to the smart design and less aggressive material: PEEK-OPTIMA™.
- Can be used for bone thicknesses between 1.5 and 24 mm.
- Easy to remove using standard Neurosurgery forceps or rongeurs.
- PEEK-OPTIMA™ polymer has a track record of more than 20 years for safety, biocompatibility and biostability.
- CE-mark and FDA clearance.
- Cranial LOOP is patented.

NEOS SURGERY

NEOS SURGERY S.L.
www.neosurgery.com

C/Ceramistes, 2
08290 Cerdanyola del Vallès
(BARCELONA) - SPAIN

All trademarks and company names are the property of their respective owners.