UpSurgeOn

NavigationHead Pterional Approaches

Neuronavigation Technology
System compatible with
Pterional approaches

Expand your Box with Neuronavigation

Compatible with:

PterionalBox, AneurysmBox, FluorescentBox

Neuronavigation is a technology that helps neurosurgeons design the best trajectory to an intracranial pathology.
This UpSurgeOn Box extension and its MRI are changing the way education works!
It allows you to place your scenario inside it, fix the head with the Mayfield and carry out Neuronavigation.

Features

- 25 Fiducial markers
- MRI images with different pathologies included (depending on the scenario)
- Made of the highest quality materials
- Robust construction

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How it is composed

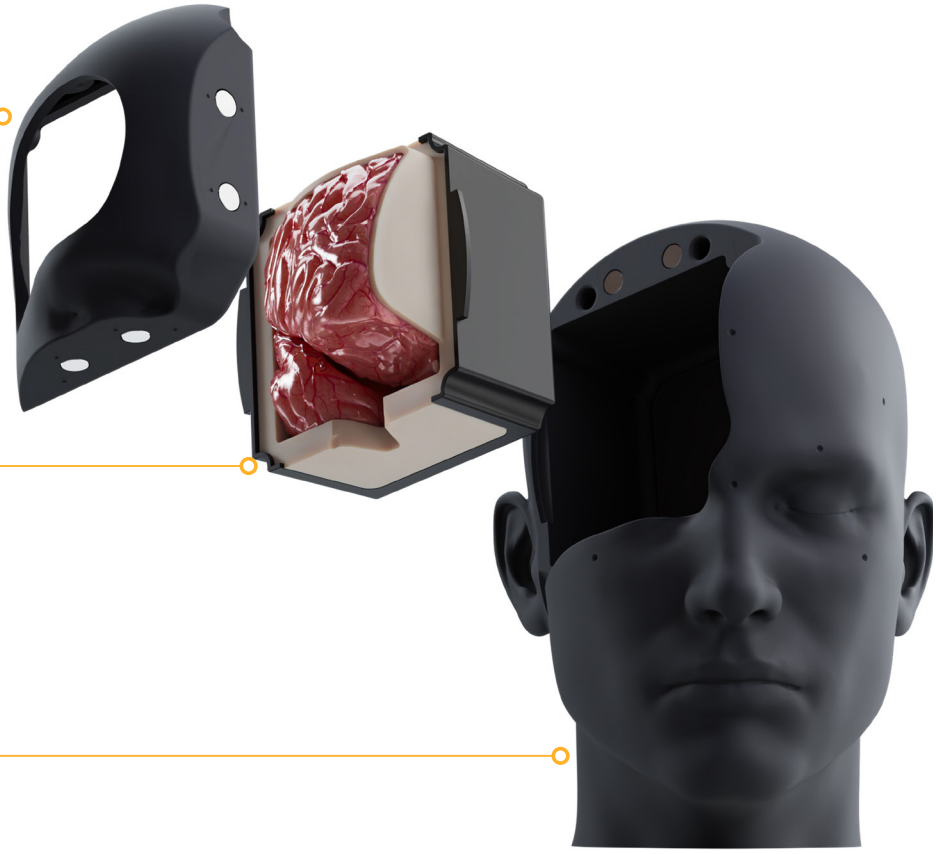
Head Cap
Reusable

NavigationHead - Pterional Approaches includes 2 different Caps:
open and closed version.

Scenario
Reusable

*The compatible scenarios are always sold separately

Head
Reusable

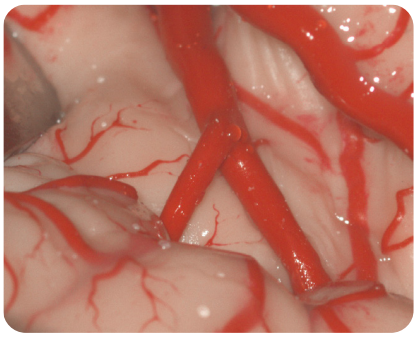


Compatible technologies

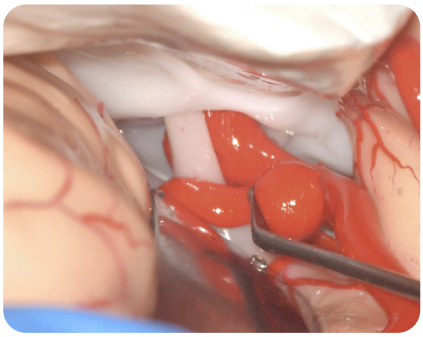
Choose Your Scenario* and Master Advanced Neurosurgery:

- **Pterional Scenario:** Frontotemporal approaches to the anterior and middle cranial fossa;
- **Aneurysm Scenario:** Frontotemporal approaches to the anterior and middle cranial fossa with 5 clippable aneurysms;
- **Fluorescent Scenario:** Frontotemporal approaches to the anterior and middle cranial fossa with 7 cases (5 Aneurysms + 2 Tumors) and 3 different fluorescence agents (Fluorescein, ICG and 5-ALA);

**The Scenarios are sold separately.*



Pterional Scenario
PF_NS_SPTR_001.01



Aneurysm Scenario
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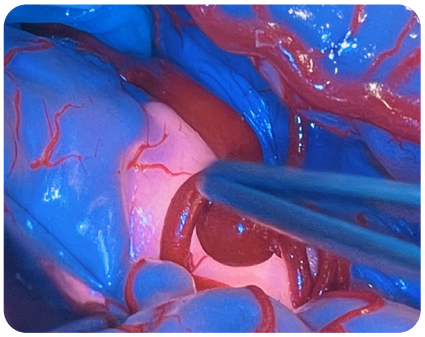

Fluorescent Scenario
PF_NS_SPTR_003.01

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Craniotomies with disposable skulls*

Perform craniotomies, dural openings, and reconstructions using disposable Pterional skulls. Afterwards, replace the skull and restart as many times as needed.

- Craniotomy Planning
- Craniotomy
- Dura opening
- Dura suspensions
- Dura closing
- Skull closing/reconstruction

**Disposable Skulls are compatible with all the Pterional Scenarios available for this NavigationHead*

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What is included

- NavigationHead:
  Head, Open Cap, Closed Cap
- USB with MRIs for Navigation
- Quick Start Guide

The Scenarios are sold separately.
Head holder is not included in this package.

General warnings

THIS PRODUCT CONTAINS METAL MAGNETS: DO NOT PUT IT INTO A MAGNETIC RESONANCE SCANNER AND DO NOT USE IT WITH ANY MACHINE THAT WORKS WITH ELECTROMAGNETS

- Adult assembly required
- Never leave children unattended with the NavigationHead
- Never put hot liquids inside the NavigationHead
- Never put chemical substances inside the NavigationHead
- Wash with water, do not use chemical products
- Do not leave water inside
- Protect the product from dust or any other powder
- Keep the product in a dry environment
- Keep the product away from any heat source

All materials used to produce UpSurgeOn products are certified, safe and non-toxic. Use of gloves, protective glasses and mask is always suggested to maintain the cleanliness of the simulator and the tools, and as a standard practice during each simulation. Wearing safety equipment is mandatory in the use of drilling simulation.

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UpSurgeOn is a high-tech company specialized in psychomotor skill augmentation in microsurgeries through the use of cutting-edge virtual and physical simulation technologies.

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