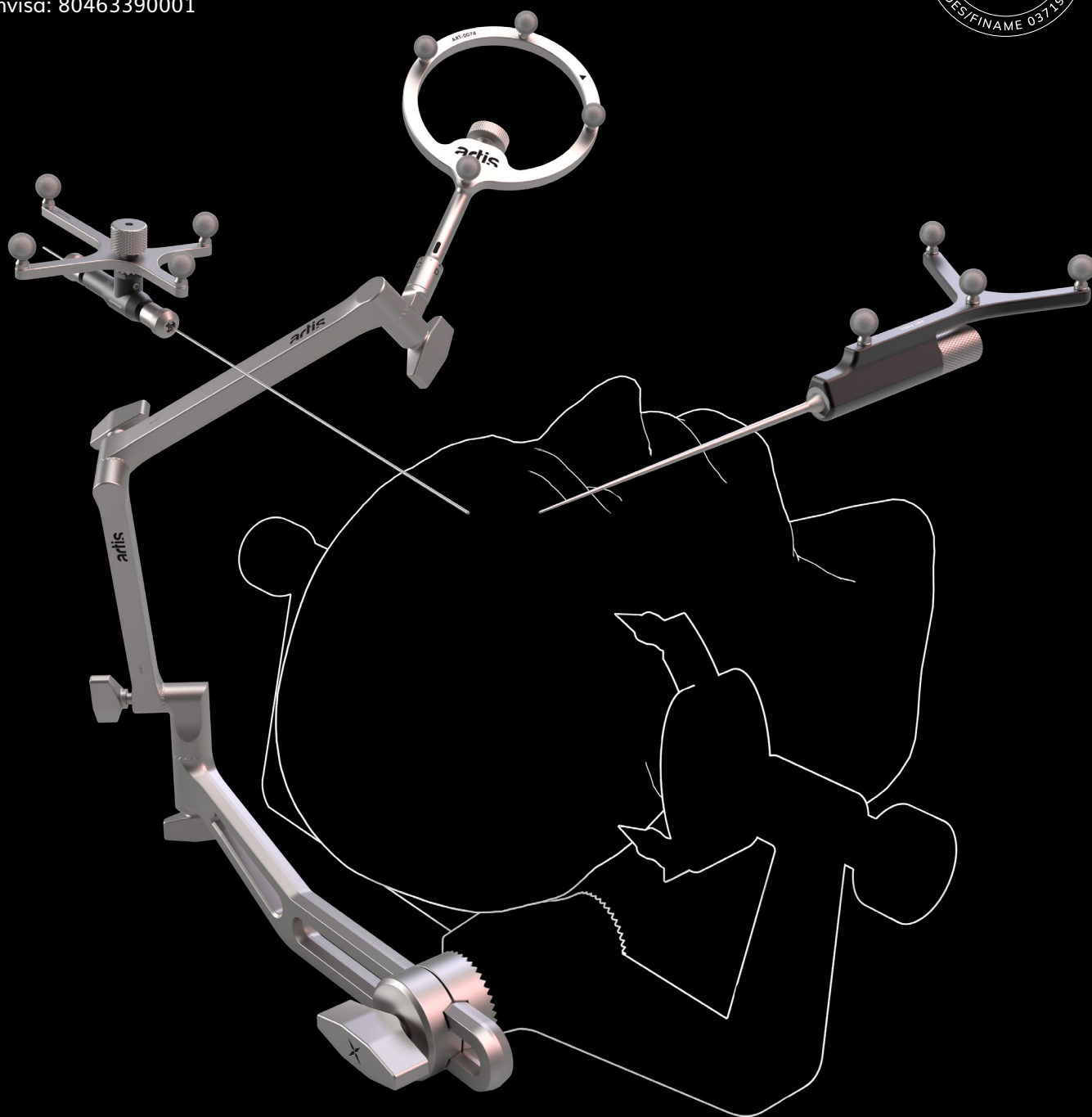


EXIMIUS 2.0

Surgical Navigator

Anvisa: 80463390001



The Eximius Surgical Navigation Image System is indicated for surgeries with a high level of complexity. The navigator provides the surgeon with the real-time spatial location of the instruments in relation to the patient's anatomical and pathological structures on Computed Tomography (CT) and/or Magnetic Resonance (MRI) images.

"Lightness, portability, and versatility with very high precision."

EXIMIUS SURGICAL NAVIGATOR

The Eximius Surgical Navigator is a real-time spatial location device that tracks continuously the surgical instruments and also the patient's anatomical structures.



EXIMIUS SOFTWARE

The Eximius Software imports DICOM images from tomography, magnetic resonance, and tractography, creating a virtual three-dimensional anatomical map on which navigation takes place, enabling:

- Measurements: linear, angular in 2D and 3D;
- Measurement of density values in specific areas;
- Determination of trajectory for navigated biopsy;
- 3D reconstruction of anatomical structures;
- Reformatting of 2D plans;
- Fusion of CT/MR exams;
- Surgical planning with 2D and 3D image editing;
- Three-dimensional reconstruction of tracts.

CHARACTERISTICS

It is a piece of equipment composed of a medical image processing unit, a three-dimensional positioning sensor, and previously calibrated surgical instruments for the skull and spine.

