

NAVIGATED FRAMELESS BIOPSIES

HIGH PRECISION BIOPSY NEEDLE ALIGNMENT WITH VARIOGUIDE



The Disposable Biopsy Needle is designed for navigated removal of tissue samples in frameless neurosurgery procedures.

ACCURATE ALIGNMENT

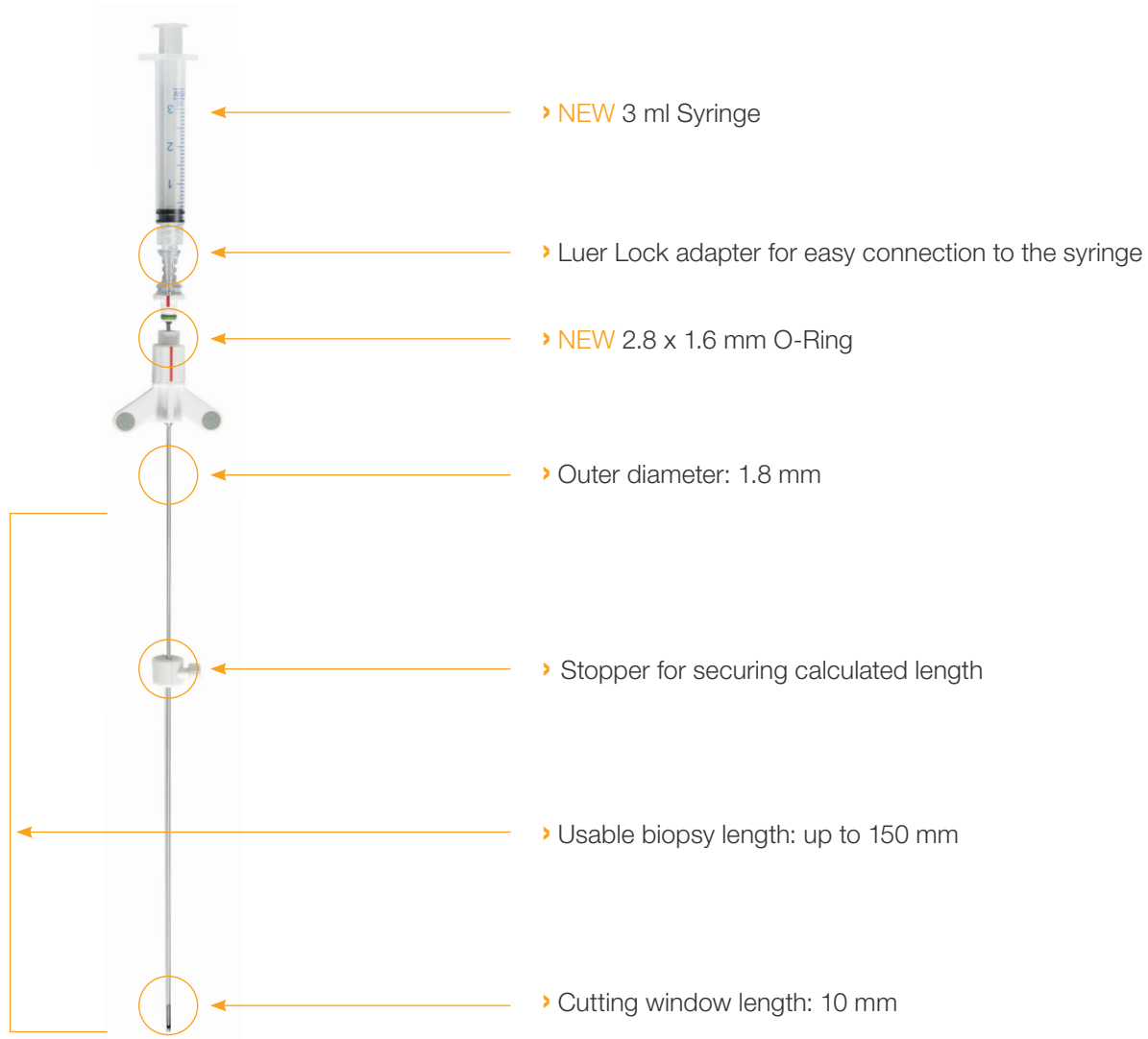
Surgeons can quickly target pre-planned trajectories with Brainlab VarioGuide®, the universal instrument holder. VarioGuide offers continuous position feedback and precise step-by-step workflow guidance for a variety of procedures. Surgeons are able to take biopsies, place shunts or guide an endoscope with increased confidence through proven passive-marker technology.

Bridging the gap between head frame and freehand procedures, VarioGuide allows flexible instrument adaptation (\varnothing 1.8 – 8 mm) and increases efficiency and patient comfort.

AUTOMATIC RECOGNITION

The incorporated passive marker geometry of the Disposable Biopsy Needle is automatically recognized by the navigation camera allowing for instant tracking of brain biopsies.

TECHNICAL SPECIFICATIONS



IMPROVED SUCTION

The new diameter and improved material of the O-Ring create a more robust seal. This contributes to a more steady low pressure stage and increases suction quality. A smaller 3ml syringe allows for easy handling, while the Luer Lock adapter adds stability to the setup.

PACKAGING

Available as a five pack. One unit contains a Disposable Biopsy Needle, a syringe with stopcock for easy securing of vacuum and a metal ruler.