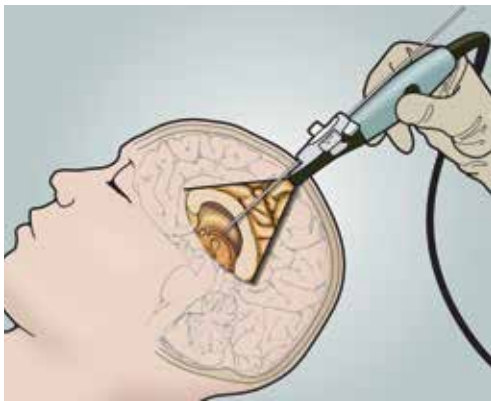


The New Gold Standard in Neurosurgical Ultrasound



Easy-to-use sterile needle guides



*High resolution
burr hole transducer*



*High resolution craniotomy
transducer*



Real Clinical Impact with High Resolution Neurosurgical Imaging

- Premium Performance Neurosurgical Imaging
- Exceptionally Intuitive System
- Unmatched Transducer Function and Design
- Convenient, Disposable Needle Guides
- Connection to Brainlab System*

Advance Diagnostic Confidence with Premium Neurosurgical Imaging

High-end neurosurgical imaging with fully featured premium performance ultrasound system

Premium Performance, Exceptionally Intuitive System

- Superior, detailed images for precise neurostructural imaging
- Clear, sharp images of brain and spinal cord
- Real-time image guidance
- Clinically intuitive – easy-to-use
- Small system footprint for added OR convenience
- Up to 4 hours of plug-free imaging



Extremely maneuverable and easy to use

Unmatched Transducer Function and Design

- High resolution craniotomy and burr-hole transducers
- Built-in control button
- Easy to use, comfortable to hold
- Compatible with modern sterilization techniques



Small high resolution burr-hole transducer

Convenient, Disposable Needle Guides

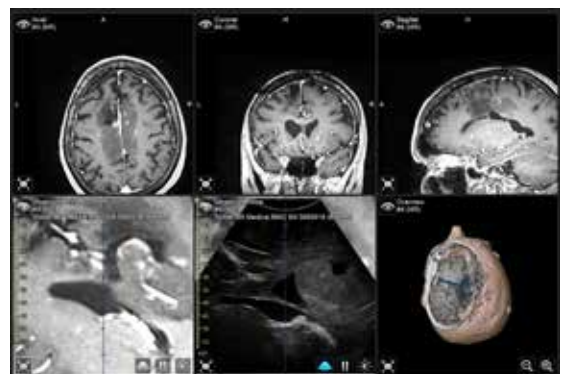
- Easy to use – needle guide just snaps on and off
- Easily detachable – needle and shunt stay in place
- One patient, one guide – sterile and ready-to-use



Easy to use disposable needle guides

Connection to Neuronavigation System

- Overlay of ultrasound gives brain shift Information
- Real-time ultrasound images on pre-planned CT/MRI
- Neuronavigation gives transducer orientation information
- Integration for high quality ultrasound images



Ultrasound reconstruction view with overlay¹

Real Clinical Impact with High Resolution Imaging



Large brain tumor evaluated during surgery using craniotomy transducer



Parasitic brain cyst in coronal plane – using craniotomy transducer



Parasitic brain cyst in sagittal plane – using craniotomy transducer



Intraoperative imaging of spinal tumor in transverse plane using craniotomy transducer



Puncture and drainage of intracerebral abscess



Malignant brain glioma

Acoustic and Clinical Innovators for Over 30 Years

Recognized as a global leader in the development of ultrasound systems designed for surgery, urology and anesthesia, BK Ultrasound offers a versatile range of state-of-the-art imaging systems, technologies and dedicated transducers to help enhance diagnostic confidence and advance the care of patients.

Integration with Neuronavigation System

flexFocus 800



Kick™ Neuronavigation System*



*Kick™ and Curve™ Neuronavigation Systems are available from Brainlab - see www.brainlab.com.

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¹ Navigation screenshot courtesy of Università degli Studi di Milano, Italy

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