

PREMIUM ULTRASOUND IMAGING ADVANCES NEUROSURGICAL PROCEDURES

GET THE INFORMATION YOU NEED – FAST

Ultrasound can advance neurosurgical procedures by helping you navigate and identify lesions and anatomical structures in real-time. This is particularly important as the data obtained from a preoperative CT or MRI scan can be outdated at the time of surgery. The bk5000 neurosurgical system¹ provides the highest

quality images that allow you to clearly see the margins of a lesion and to determine the best course of action. Using advanced graphics processing technology, this powerful system provides immediate, auto-optimized images that allow you to see the information you need, faster.

SPECIALIZED TRANSDUCERS DESIGNED FOR NEUROSURGERY

The specialized, high-resolution, sterilizable neurosurgery transducers¹ enable you to obtain detailed images of the brain and spinal cord. They both have a convenient Smart™ button

that lets you activate the transducer, then freeze, store or print the images at the press of a button. Disposable, easy-to-use needle guides assist with targeting lesions.

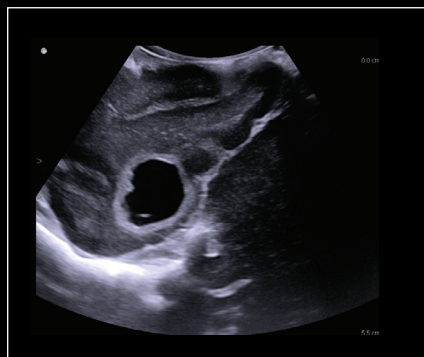


The small footprint burr-hole transducer is designed to image the brain and guide procedures with precision.

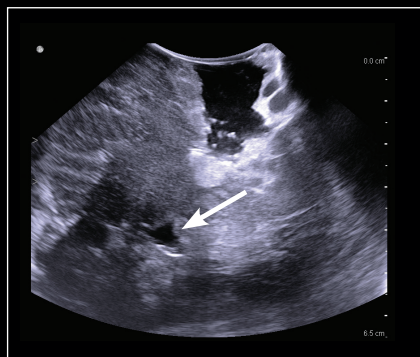


The craniotomy transducer is ideal for guiding biopsy procedures, determining the adequacy of a resection, and differentiating vascular malformation from adjacent hematoma.

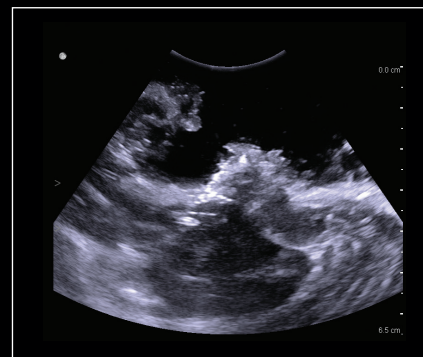
REAL CLINICAL IMPACT WITH HIGH-RESOLUTION IMAGING



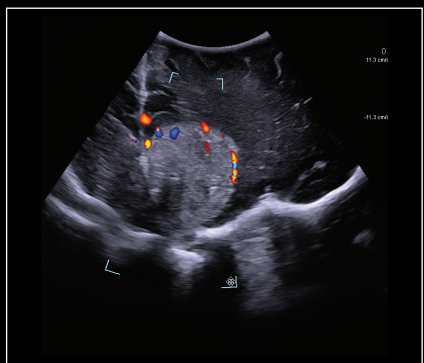
High-grade tumor
N13C5 transducer



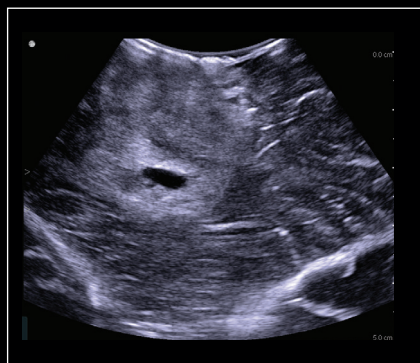
4th ventricle
N13C5 transducer



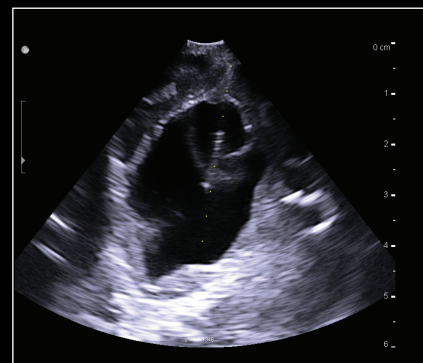
Residual glioma post-excision
N13C5 transducer



Falx meningioma with color Doppler
N13C5 transducer



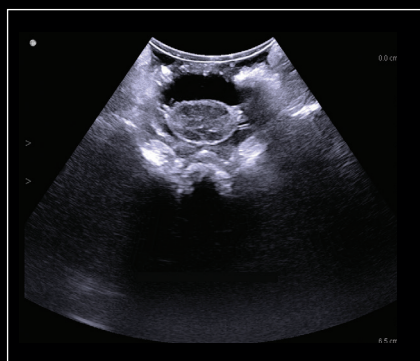
Posterior fossa mets from melanoma
N13C5 transducer



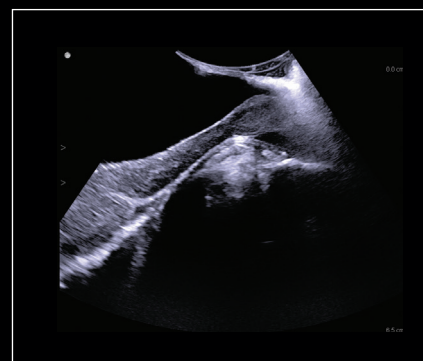
Ventriculoperitoneal shunt placement
with needle guidance
N11C5s transducer



Highly-detailed brain tissue
N13C5 transducer



Posterior fossa cyst transverse
N13C5 transducer



Sagittal image of posterior fossa cyst
N13C5 transducer

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