



GE HealthCare

# bkActiv

## Next Level Decision Support

Real-time intraoperative ultrasound for neurosurgery and spine



## Empowering Smarter Surgery

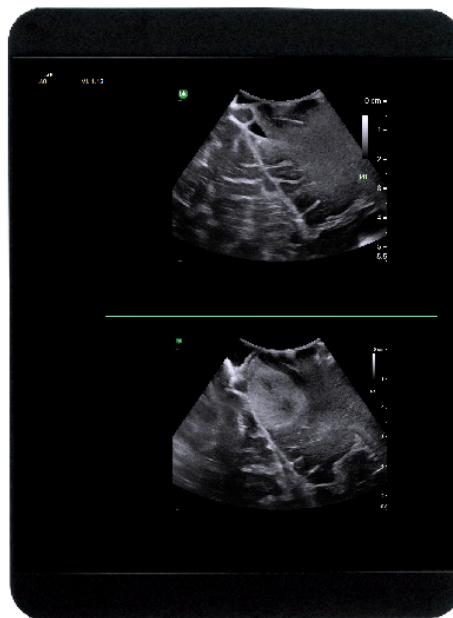
bkActiv is designed for neurosurgical subspecialties and offers features, such as color Doppler and compare modes, to support surgical workflow.

Our visualization and guidance platform delivers high-resolution images and data-driven insights when it matters most — during the procedure.



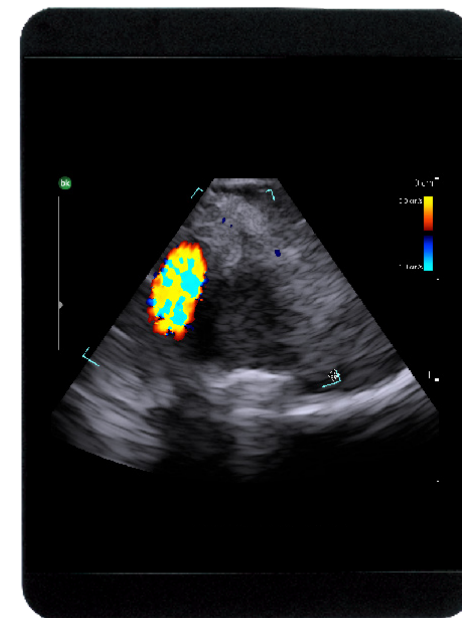
# Unlock Real-Time Imaging For a Variety of Neurosurgery Procedures

## Neuro-Oncology



Metastatic lesion,  
Image Compare.  
N13C5 Transducer

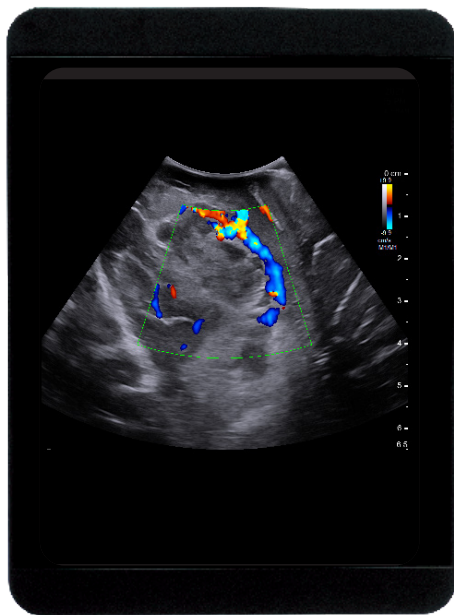
## Minimally Invasive



Pituitary Adenoma adjacent  
to Carotid Artery.  
N20P6 Transducer



## Neurovascular

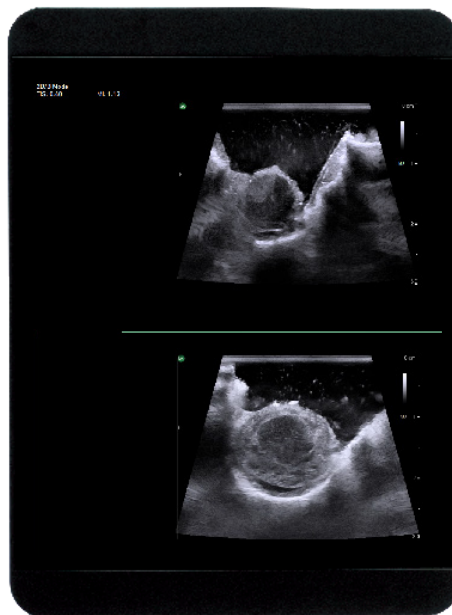


Hematoma due to AVM  
with color Doppler.

N13C5 Transducer



## Spine

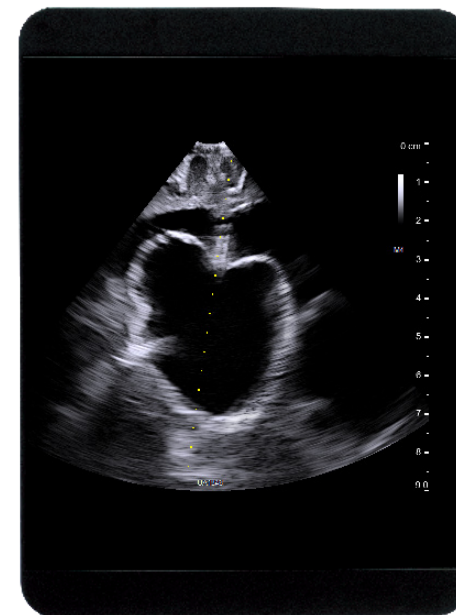


Spinal Decompression,  
Image Compare.

X18L5s Transducer



## Pediatrics



Shunt Placement into Brain  
Cyst, Pediatrics.

N11C5s\* Transducer



# Designed for the Neurosurgeon

bkActiv provides real-time active imaging that takes intraoperative ultrasound to the next level and is tailored to the neurosurgical operating room.



View high-quality images with technology that is specifically tailored for imaging the brain and spine.



The system's small footprint fits into crowded ORs while its extended reach arm enables easy viewing regardless of system positioning.

Customize to your needs with a touchscreen interface.



Use the wireless, sterilizable remote to control ultrasound scans from a distance



Image Mirror feature allows the user to display a live ultrasound image from the clinical display monitor (CDM) on the glass interface.

## Transducers



**N20P6**  
Transducer for hard-to-reach areas with small openings.



**X18L5s**  
Transducer for exceptionally high resolution.



**N13C5**  
Convex array transducer with a wide field of view.



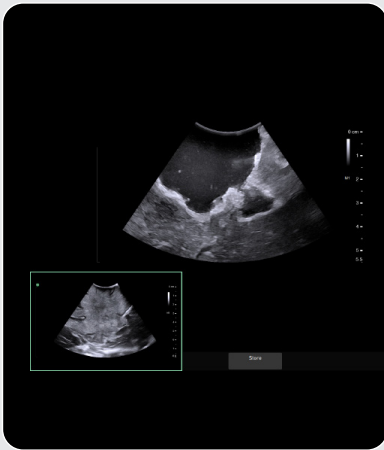
**N11C5s\***  
Transducer with deep penetration and small footprint.

# Real-Time Visualization Has Never Looked This Good

bkActiv offers various compare modes to assist in visualizing progress throughout the procedure in real time. Support image interpretation during your procedure with three different compare modes that enable you to compare live imaging with previously taken scans.

## Picture-In-Picture

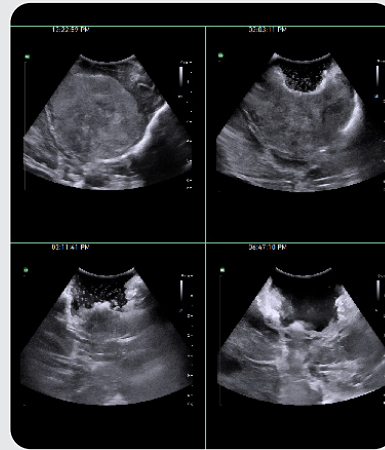
Compare a previously stored image or clip from your current procedure to your live ultrasound image.



High Grade Glioma (N13C5)

## Stored Image Compare

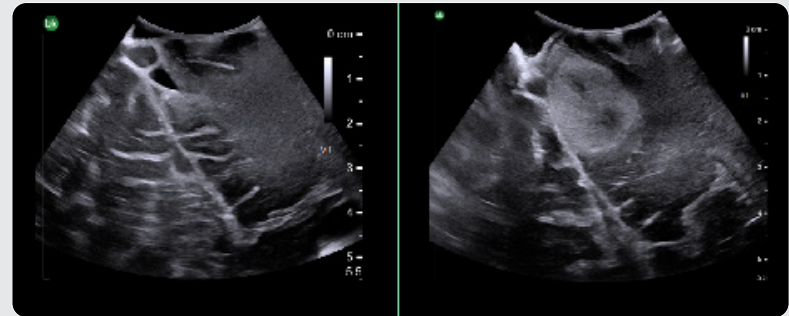
Choose up to four stored images from the exam to assess various views from the procedure.



Meningioma (N13C5)

## Dual Live Compare

Compare a previously stored image from your current procedure to your live ultrasound image with the same size image.



Breast Cancer Brain Metastasis (N13C5)

\* The N11C5s Transducer has been cleared for adults and children (>12 years). Refer to accompanying documentation of transducers for additional information on intended Patient Population, e.g. adolescents, children, infants.

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