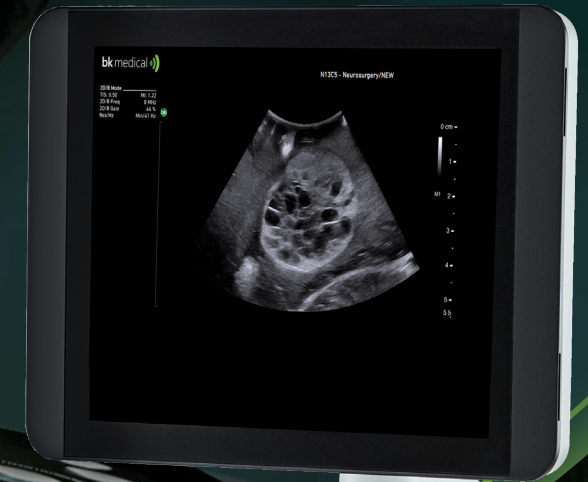
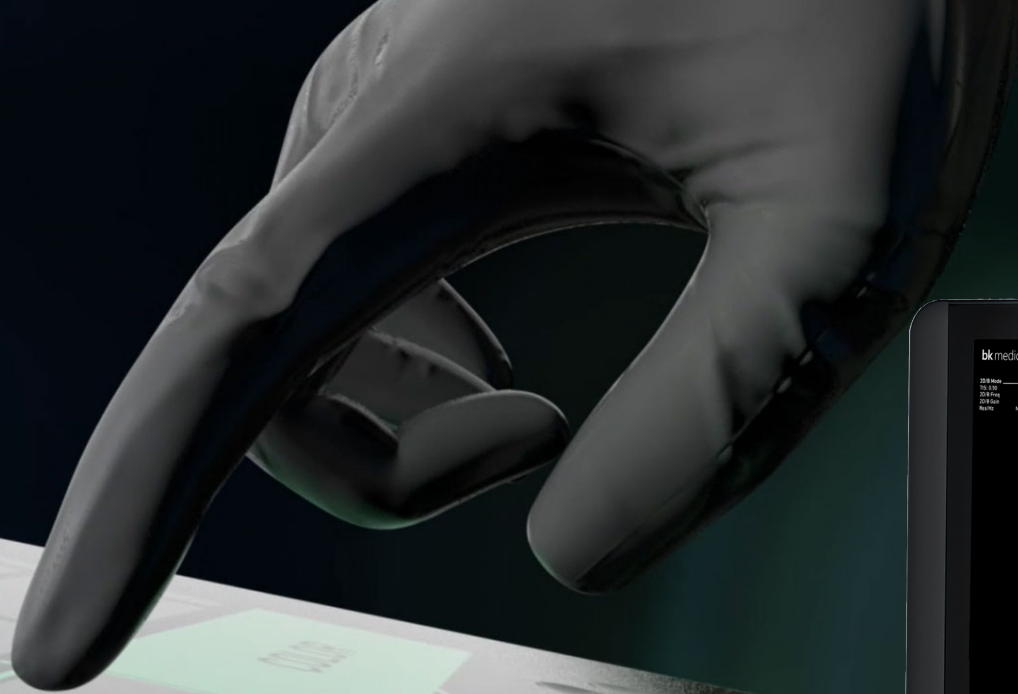




bkActiv



**ACTIVE IMAGING
FOR EVEN MORE
PROCEDURES**



NEXT LEVEL DECISION SUPPORT

Real-Time Intraoperative Ultrasound for Neurosurgery and Spine.

TAKING IMAGE QUALITY EVEN FURTHER

Prism Technology powers bkActiv with unique algorithms specifically designed for imaging the brain and spine with real-time intraoperative ultrasound (iUS).

DESIGNED FOR THE NEUROSURGEON

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

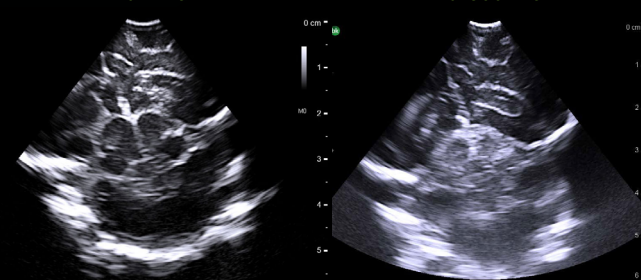
FORGET HOW TO USE?

Easy Access to educational videos for reassurance before or during the case.

THE NEW ERA OF iUS

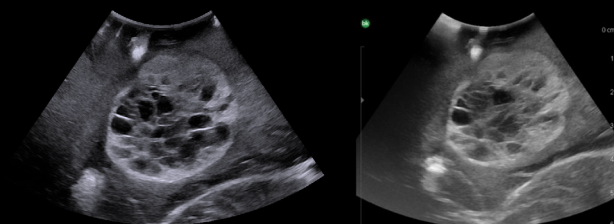
Prism Technology on bkActiv combines proprietary algorithms including AMA, ANS, and Tru-Focus.

With Prism Without Prism



Improved noise reduction at greater depths, with Burr-Hole Transducer.

Tru-Focus activated on bkActiv Tru-Focus not activated on bk5000



Improved image quality on Craniotomy Transducer results in clearer borders and improved tissue differentiation.

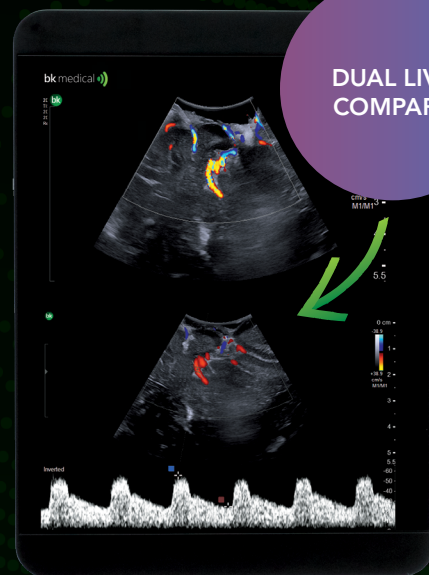
COMPARE MODES

Dual Live Compare - Compare the live image side by side to previously stored images.

Picture in Picture - Keep the live image consistent (or large) and view the previously stored image or clip in the corner.

Stored Image Compare - Need to compare more than 2 images? Compare up to 4 previously stored images especially useful in instances of large brain shift.

DUAL LIVE COMPARE



Support image interpretation to enable decision-making throughout the case with new review and compare modes that allow you to compare images and clips.

Avoid guesswork and boost confidence among OR staff, with touchscreen user interface that can be customized to your needs. Big buttons allow the neurosurgeon to see from anywhere at the OR table.

CUSTOMIZABLE USER INTERFACE

Start with a simple user interface to see only what you need. Customize by adding or removing controls.



Extended reach monitor arm fits into crowded spaces and small operation rooms. Switch between portrait and landscape for your preference.

Use the sterilizable remote and sterile cover over the UI for even more control.



TRANSDUCERS



N11C5s*
Burr-Hole Transducer with deep penetration and small footprint.



N13C5
Craniotomy Transducer with wide field of view for full visibility.

Greater neurosurgeon control with sterilizable, dedicated neurosurgical transducers. Use at any point during procedure and freeze or store images without disrupting workflow using Smart Button™. Compatible with BK's single-use needle guides.

UNLOCK REAL-TIME IMAGING FOR MORE PROCEDURES

bkActiv is designed for all neurosurgeon subspecialties and offers features, such as color Doppler and compare modes, that make even more procedures accessible than before.

BKMEDICAL.COM

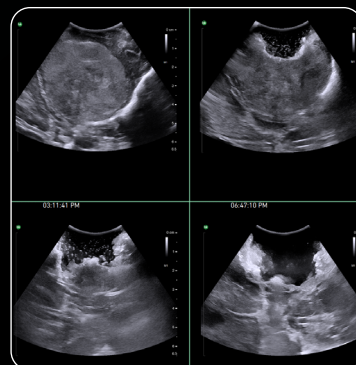
TRANSDUCERS



REASSURANCE IN DECISION-MAKING NEURO-ONCOLOGY

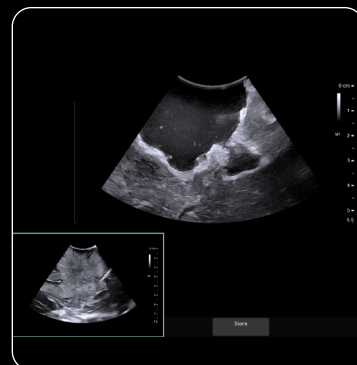
Feel reassured and achieve planned results through all steps of your procedure.

Stored Image Compare



Meningioma.
Craniotomy (N13C5)

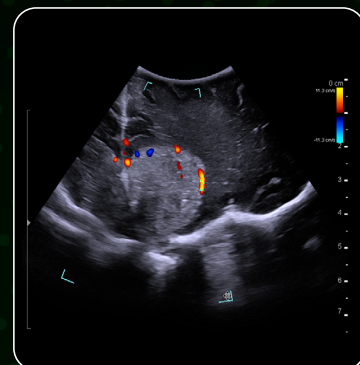
Picture-in-Picture



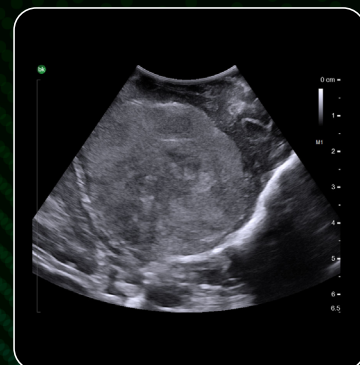
High Grade Glioma.
Craniotomy (N13C5)

COMPLETE PORTFOLIO FOR A VARIETY OF APPROACHES SKULL BASE

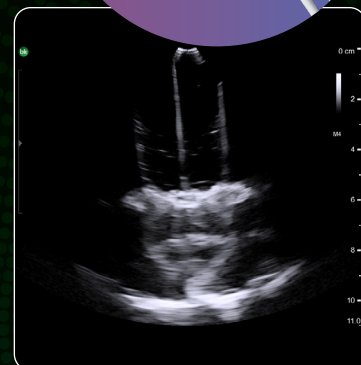
Rely on iUS with color Doppler to visualize blood flow and deep structures in the brain.



Color Doppler Falx
Meningioma.
Craniotomy (N13C5)



Meningioma.
Craniotomy (N13C5)

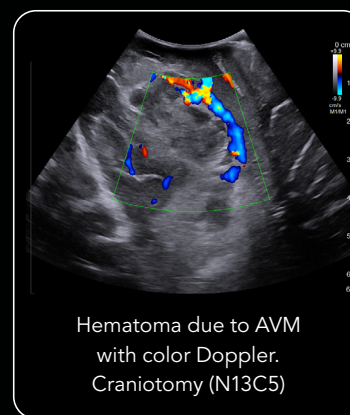


Hematoma evacuation guided
through endoport.
Burr-Hole (N11C5s)*

TRANSDUCERS



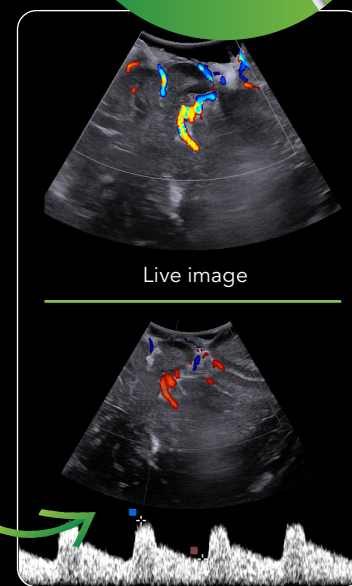
IMMEDIATE CLARITY TO VIEW BLOOD FLOW NEUROVASCULAR



Hematoma due to AVM
with color Doppler.
Craniotomy (N13C5)

DUAL LIVE COMPARE

Live and stored scan with color and pulse wave Doppler, showing sampling of intracerebral arteries post aneurysm clipping.
Craniotomy (N13C5)



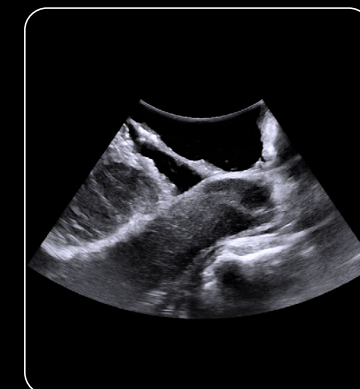
Stored image

TRANSDUCERS



CLEAR DETAILS FOR RESSURANCE SPINE

iUS helps you guide your spine procedures where every millimeter can have a big impact.



Chiari Malformation
post decompression.
Craniotomy (N13C5)



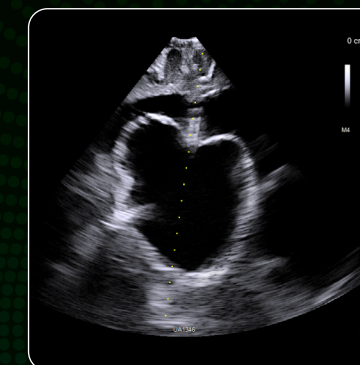
Lumbar spine dermoid cyst.
Craniotomy (N13C5)

TRANSDUCERS



FEWER OBSTACLES TO ACHIEVE OUTCOMES PEDIATRICS

Small transducers for smaller openings in tumor resections, VP shunt placements, spine procedures, and ICH/hematomas.



Shunt Placement into Brain
Cyst, Pediatrics.
Burr-Hole (N11C5s)*

REAL-TIME VISUALIZATION HAS NEVER LOOKED THIS GOOD

Critical decisions need **REAL-TIME** information



* Burr-Hole Transducer (N11C5s) has been approved for adults and children (>2 – 12 years).

WANT TO
TRY THE NEW
BKACTIV?
LET'S GET IN TOUCH



bk
medical

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