

ADVANCING

POSSIBILITIES

bk5000

IN ULTRASOUND



ELEVATING IMAGING WITH SPEED AND EFFICIENCY



YOU KNOW WHAT YOU NEED, and you need it fast. That's why the bk5000 is designed to deliver the high resolution images you count on quickly and efficiently. Whether you're identifying margins of a lesion or making a general assessment of an area of interest, the bk5000 has the power and performance to meet your needs on your terms.

SIMPLICITY IN FUNCTION AND DESIGN

Time and space are always at a premium, no matter what environment you're in. The bk5000 was designed with this in mind. Its 20-second boot time means the system will be ready when you need it. The transducers can be connected and removed with one hand using a simple locking mechanism, also contributing to the short set up time. The No Touch Auto Gain means you can keep your focus on the image instead of on the equipment. All this in a system with a small footprint that fits virtually everywhere.

ADDRESSING CHALLENGES WITH ADVANCED TECHNOLOGIES

From the simplest diagnostic imaging to the most critical interventional procedures, every clinical situation has its own set of unique challenges. The bk5000 offers a full suite of innovative technologies and advanced controls and adjustments to help you achieve the best possible image quality, across many applications.

These include:

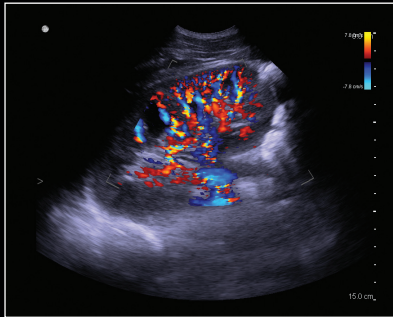
- Outstanding color Doppler with superb spatial resolution and sensitivity.
- Trucolor is dynamic color flow that allows you to see high resistance blood flow patterns in blood vessels.
- Image enhancement using specialized technology that provides a well-focused image from the near to far field.
- Elastography*, an advanced imaging technique that allows you to see differences in tissue stiffness.
- Unique Vector Flow Imaging (VFI) mode** that enables angle-independent visualization of blood flow.
- Contrast imaging*** that facilitates visualization of difficult lesions.
- Advanced 3D imaging that provides structural details in optimal planes.

* Elastography has not been licensed by Health Canada

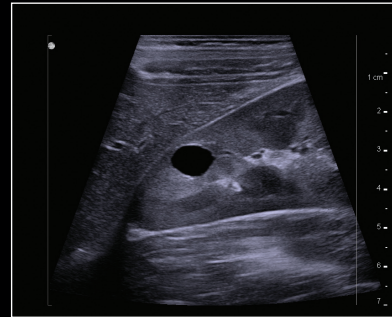
** Vector Flow Imaging on bk5000 has not been licensed by Health Canada

*** In the USA, contrast-enhanced ultrasound has not been market cleared by the FDA, with the exception of only select cardiac imaging applications. Contrast imaging on the bk5000 has not been licensed by Health Canada

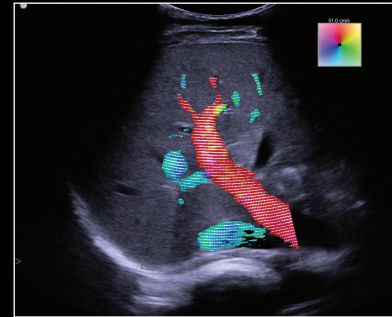
REAL CLINICAL IMPACT WITH HIGH RESOLUTION IMAGING



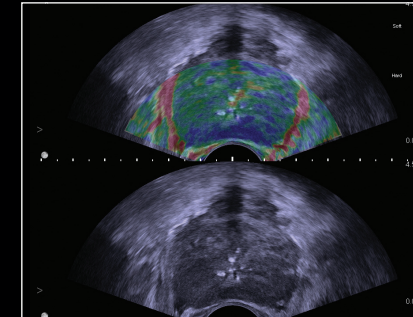
Color Flow Doppler of kidney acquired with the 6C2s transducer



Renal cyst acquired with Synthetic Transmit Aperture and the 8L2 transducer



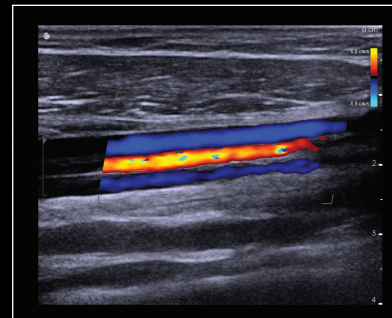
Portal vein with Vector Flow Imaging acquired with the 6C2 transducer



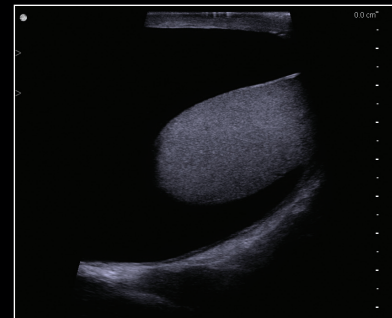
Elastography of prostate gland acquired with the E14C4t transducer



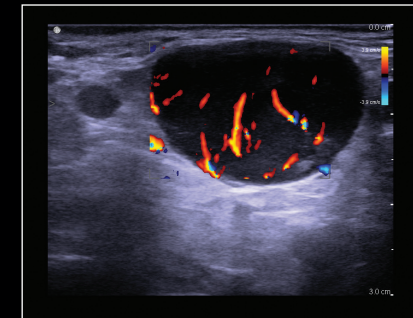
Power Doppler carotid bifurcation acquired with the 8L2 transducer



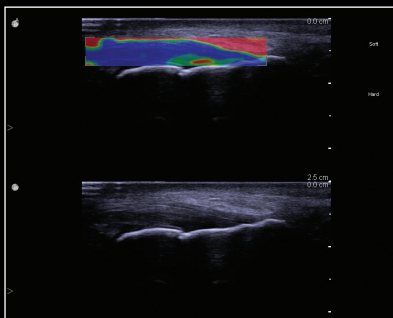
Color Doppler of calf veins acquired with the 13L4w transducer



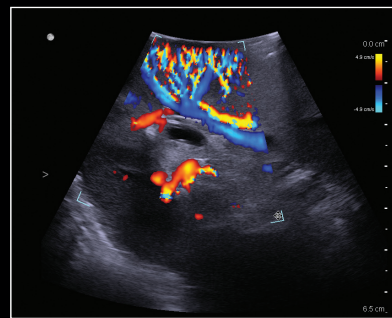
Hydrocele surrounding testicle using wide field of view acquired with the 14L3 transducer



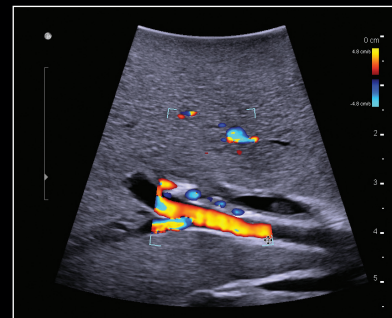
Color Doppler of large breast mass acquired with the 18L5 transducer



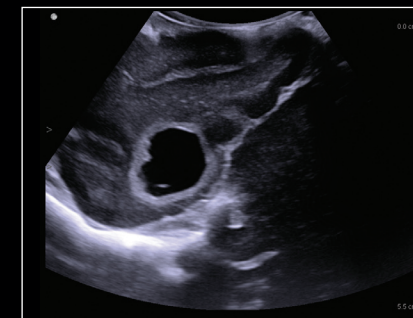
Elastography of achilles tendon acquired with the 18L5 transducer



Normal kidney flow using wide field of view and the X12C4 Drop-In transducer



Color Doppler of portal vein and small common bile duct mass acquired with the I12C4f laparoscopic transducer



High grade brain tumor image acquired with the N13C5 craniotomy transducer

THE RIGHT TRANSDUCERS FOR EVERY NEED

Systems that are shared across different departments need to be able to adapt. With a wide range of transducers, the bk5000 can easily shift from one clinical application to another. Choose from advanced laparoscopic, intraoperative, endocavity and percutaneous transducers, each of which have been fully validated for all common methods of sterilization. Most transducers on the bk5000 feature the convenient Smart™ button that enables you to activate the transducer, freeze, store or print the images at the press of a button.

THANK YOU
for considering bk
– where we excel at
tailoring the best
ultrasound imaging for
your unique needs.

bkultrasound.com

E14C4t Prostate Triplane	E14C4 Endfire Curved	E14CL4b Endocavity Biplane	6C2s Small Curved	6C2 Curved	9C2 Curved	13L4w Wide Linear	14L3 Linear
							
8L2 Linear	18L5 High Frequency Linear	10L2w Wide Linear	20R3 Anorectal 3D	I12C4f 4-Way Laparoscopic	I14C5I Intraoperative	I14C5T T-Shaped Intraoperative	I12C5b Intraoperative Biplane
							
X12C4 Robotic Drop-In	N13C5 Craniotomy	N11C5s Burr-Hole	X18L5s "Hockey-Stick"	5P1 Small Footprint Cardiac	E10C4 Endocavity		
							

E14C4, 9C2, 8L2, 20R3, I12C4f, I14C5I, I14C5T, I12C5b, X12C4, N11C5s, X18L5s transducers have not been licensed by Health Canada
N13C5 licensed by Health Canada only for surface applications
5P1 transducer is not for direct use on the heart

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