

A photograph of several surgeons in an operating room, viewed from behind. They are wearing green scrubs and surgical caps. In the center, a monitor displays a grayscale ultrasound image. The room is dimly lit, with bright surgical lights overhead. The text 'REAL-TIME' is overlaid in green, 'INTRAOPERATIVE' in white, and 'IMAGING' in white. The 'bk5000' model name is also visible on the monitor and in the bottom left corner.

REAL-TIME

INTRAOPERATIVE

bk5000

IMAGING

**bk**   
medical

- Dedicated surgical ultrasound system
- Simple workflow and small footprint
- Wide range of intraoperative, sterilizable transducers
- Immediate, auto-optimized imaging using the No-touch Autogain and Auto Focus features

# INTRAOPERATIVE SURGICAL ULTRASOUND

The bk5000's outstanding image quality allows you to clearly see the margins of lesions and helps you achieve the best outcome for your patients.

## OPEN SURGERY

The T- and I-shaped transducers are ideal for scanning the liver, pancreas, and kidney and visualizing anatomy in transverse and sagittal planes.



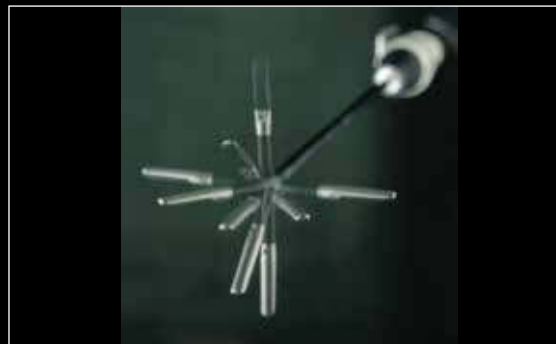
Liver lesion shown using the T-shaped intraoperative transducer.



Echinococcosis (parasitic disease) of the liver shown using the I-shaped intraoperative transducer.

## MINIMALLY INVASIVE SURGERY

The I12C4f laparoscopic transducer has a 4-way flexible tip that allows good organ contact, helping you explore and visualize difficult-to-reach anatomy during minimally invasive procedures.



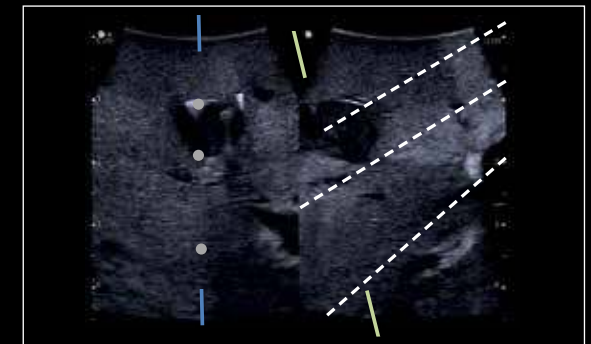
The flexible tip of the laparoscopic transducer is ideal for difficult-to-reach anatomy.



Liver hemangioma shown using the laparoscopic transducer and color Doppler.

## INTERVENTION/NEEDLE GUIDANCE

The I12C5b biplane transducer with simultaneous visualization of transverse and sagittal planes is designed for guiding biopsies, needle placements, and ablation procedures of the liver.

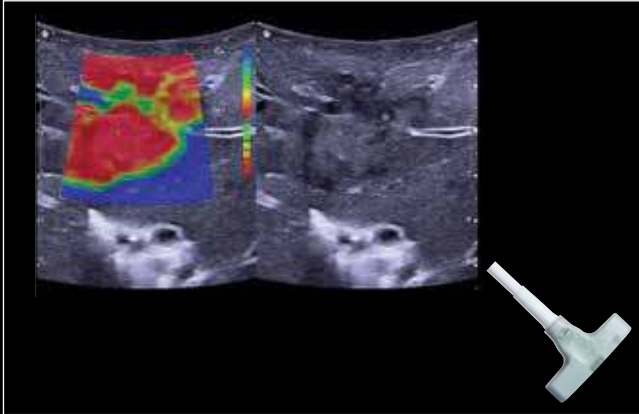


Markings on the screen help orient the two planes during simultaneous viewing.



The unique intraoperative biplane transducer shown with multiple needle channels for steering ablation needles.

# SEE THE DETAILS THAT CAN MAKE A DIFFERENCE TO YOUR SURGICAL STRATEGY



Elastography of metastatic lesion in the liver  
I14C5T transducer



Fibroids seen within the uterus  
I12C4f transducer



Color Doppler showing blood flow to liver  
metastases post-chemotherapy  
I14C5I transducer



Contrast-enhanced ultrasound  
I14C5I transducer



Dilated pancreatic duct  
I12C5 transducer



Metastatic lesion in the liver  
I12C5b transducer

# DEDICATED INTRAOPERATIVE ULTRASOUND SOLUTION

## DESIGNED FOR SURGERY - bk5000

- BK's Prism technology generates high-resolution, real-time images to show more detailed anatomy.
- No-touch Autogain and Auto Focus features immediately optimize images with no need for manual adjustment.
- Rapid boot time and up to two hours of plug-free imaging.
- Sterilizable remote control for convenient control of the system in the sterile field.
- Small system footprint - to fit in the OR.



## FULLY STERILIZABLE, SPECIALIZED TRANSDUCERS DESIGNED FOR INTRAOPERATIVE IMAGING

- Ergonomically designed for a secure and comfortable grip.
- Long transducer cables (up to 3.0 m / 9.8 ft) allow flexibility during scanning.



	I12C4f	I14C5I	I14C5T	I12C5b	I12C5*	X18L5s
Organ or Region	Liver, Biliary, Pancreas, Kidney, Uterus	Liver, Biliary, Pancreas, Kidney	Liver, Biliary, Pancreas, Kidney	Liver, Biliary, Pancreas, Kidney, Vascular	Liver, Biliary, Pancreas, Kidney	Vascular, Abdominal Region
Frequency Range (MHz)	12-4	14-5	14-5	12-5	12-5	18-5
Sterilization	STERIS SYSTEM 1®, SYSTEM 1E®, SYSTEM 1® Plus and SYSTEM 1® Express** STERIS V-Pro® 1 Plus and V-Pro® 60 STERIS V-Pro® maX STERRAD® NX®, STERRAD® 100NX®, STERRAD® 100S, STERRAD® 200					
Needle Guides	Re-usable	Single-use	N/A	Single-use	N/A	N/A

\* I12C5 is compatible with bk5000 software version 5.16.2 and higher. I12C5 has not been licensed by Health Canada.

\*\* STERIS SYSTEM 1, SYSTEM 1 Plus and SYSTEM 1 Express have not been market cleared by the FDA

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