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BK Ultrasound, Powered by Analogic, Launches bk5000 Ultrasound System Designed for Surgery

Premium System Offers Superb Image Quality, Simplicity and Speed

PEABODY, Mass., Oct. 06, 2015 (GLOBE NEWSWIRE) -- [Analogic Corporation](#) (Nasdaq:ALOG), enabling the world's medical imaging and aviation security technology, today announced the launch of the bk5000™ Ultrasound System, the newest addition to its flagship BK Ultrasound brand products. The design of the bk5000 will give surgeons the real-time guidance they need in the operating room, seamlessly fitting into the rhythm of the surgical team.

The bk5000 is designed to help surgeons work smarter and faster. The superior image quality of the bk5000 provides surgeons with the anatomical detail they need to help confirm or adjust their procedure in real-time. The new No-Touch Autogain feature rapidly and automatically optimizes image quality without user intervention, independent of depth, by adapting gain to different environments.

Advanced features include elastography, which allows the surgeon to see subtle differences in tissue stiffness, and contrast imaging, which helps identify specific regions of interest. Sensitive color and pulsed wave Doppler make it easy to see flow location and direction. The bk5000 has standard presets that allow quick mode changes and customizable presets to provide immediate image preferences. A rapid boot-up time, typically under 20 seconds, ensures that the system is ready when needed, even if the on-board battery isn't fully charged.

The bk5000 has a large, 19-inch monitor and is compatible with an array of eight highly-specialized surgical transducers that support clinical applications such as colorectal surgery, general surgery, and neurosurgery.

"We considered the increasing complexities of healthcare technology, specifically in the operating room, and designed the bk5000 for simplicity," said Jacques Coumans, vice president, chief marketing officer and chief scientific officer at Analogic. "The bk5000 addresses the need for fast, high-quality imaging that will help the surgeon make confident decisions."

"We were very impressed with the new bk5000," said Dr. Gavin Quigley, consultant neurosurgeon at Belfast Health and Social Care Trust. "The image quality is the best we've seen. The No-Touch Autogain feature automatically adjusts the system settings for a great image so you are ready to go immediately. This allows the surgeon to verify the anatomy and provides a higher degree of confidence during our neurosurgical procedures."

The new bk5000 ultrasound system and its accompanying transducers will be presented at the 2015 American College of Surgeons (ACS) meeting in Chicago, Illinois, October 4-8. It made its European debut at the 67th Congress of the German Society of Urology (DGU) meeting in Hamburg, Germany, September 23-28.

About Analogic

[Analogic](#) (Nasdaq:ALOG) provides leading-edge healthcare and security technology solutions to advance the practice of medicine and save lives. We are recognized around the world for advanced imaging and real-time guidance technologies used for disease diagnosis and treatment, as well as for automated threat detection. Our market-leading ultrasound systems, led by our flagship BK Ultrasound brand, used in procedure-driven markets such as urology, surgery, and point-of-care, are sold to clinical practitioners around the world. Our advanced imaging technologies are also used in computed tomography (CT), magnetic resonance imaging (MRI), and digital mammography systems, as well as automated threat detection systems for aviation security. Analogic is headquartered just north of Boston, Massachusetts. For more information, visit www.analogic.com.

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