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Analogic Highlights Groundbreaking Quantum Technology at AUA Annual Meeting

New BK Medical Ultrasound Systems With Quantum Technology Offer Exceptional Image Quality

PEABODY, Mass., May 17, 2012 (GLOBE NEWSWIRE) -- Analogic Corporation (Nasdaq:ALOG), enabling the world's medical imaging and aviation security technology, today announced that it will demonstrate its suite of new BK Medical branded ultrasound systems—the Flex Focus™ 500, Flex Focus 800, and Pro Focus™ UltraView 800 with the groundbreaking Quantum™ Technology at the American Urological Association Annual Meeting, May 19—23, in Atlanta. Analogic's BK Medical branded systems with Quantum Technology offer new features and solutions that provide clinicians a faster and easier way to maximize ultrasound performance, specifically in urology and renal imaging.

Quantum Technology offers image quality advancements including improved contrast resolution, as well as new grayscale maps and new image pre-sets, making it easier and quicker to obtain the highest quality images. In addition, the new technology includes a unique Vector Flow Imaging (VFI) mode*, allowing angle independent visualization of blood flow, and an advanced color Doppler mode, enabling superb spatial resolution. Key benefits also include advanced harmonic imaging when imaging all patient types, even the extremely difficult-to-image patient.

"The BK Medical ultrasound solution provides excellent 2D imaging, enabling clinicians to visualize kidney anatomy out to the pyramids and capsule with increased color Doppler resolution out to the renal cortex," said Lars Shaw, vice president of global marketing at Analogic. "In addition, the vector flow imaging mode allows for angle independent visualization of blood flow out to the arcuate arteries, leading to a more thorough patient assessment."

Analogic's new ultrasound systems complement BK Medical's extensive product portfolio. The Flex Focus 800 and UltraView 800 are premium performance, highly efficient new systems that incorporate Quantum Technology. Compatible with all of the BK Medical transducers, the fully featured systems are ideally suited for surgery, including robotic-assisted surgery, high-end urology, and general imaging.

The UltraView 800 system also has contrast imaging capabilities**. The Flex Focus 500 is the mid-range system in the BK Medical product family incorporating Quantum Technology. This portable system is powerful and well suited for a busy practice utilizing ultrasound for urology and general imaging needs. All of the new ultrasound systems have the VFI* as an option.

"Using the BK Medical ART system for robotic-assisted surgery allows us to tackle more difficult, complex lesions that we would not have considered for a minimally invasive approach in the past," said Michael Stifelman, M.D., director, Robotic Surgery, NYU Langone Medical Center, New York City. "This technology raises image quality, color Doppler sensitivity, and ease of use to a new level for our robotic-assisted surgery practice."

Analogic's full BK Medical product portfolio includes the Flex Focus 200, 200 Surgery, 400, 400 Anesthesia, and the Pro Focus UltraView.

To see a live demonstration of the three new ultrasound systems with Quantum Technology, please visit Analogic's BK Medical Systems booth #1731 during the AUA Annual Meeting.

About Analogic and the BK Medical brand

Analogic (Nasdaq:ALOG) provides leading-edge healthcare and security technology solutions to advance the practice of medicine and save lives. Analogic's ultrasound group designs and manufactures ultrasound systems and specialized transducers that are sold directly to medical practitioners under the BK Medical brand. For over 30 years, our market-leading BK Medical branded ultrasound solutions have been used to improve the practice of medicine in procedure-driven markets such as urology, surgery and anesthesia. BK Medical's products, including our award-winning Flex Focus family of systems and unique transducer designs, offer advanced imaging capabilities that enable real-time image guidance in an easy-to-use, portable platform. Our Analogic ultrasound group has operations in Massachusetts, Pennsylvania, Colorado, Denmark, and Shanghai.

For more information on our BK Medical ultrasound products visit www.bkmed.com.

For more information on Analogic, visit www.analogic.com.

* Flex Focus; VFI is not cleared by FDA and licensed by Health Canada. Pro Focus; VFI is not licensed by Health Canada

** Contrast imaging capabilities are FDA cleared for cardiac applications only.

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