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Analogic Introduces Pioneering Vector Flow Imaging Assist for BK Ultrasound Systems at RSNA 2013

Unique Technology Leads to Potentially Quicker Patient Assessment

PEABODY, Mass., Nov. 27, 2013 (GLOBE NEWSWIRE) -- [Analogic Corporation](#) (Nasdaq:ALOG), enabling the world's medical imaging and aviation security technology, today introduced the proprietary Vector Flow Imaging (VFI) Assist mode, a pioneering technique for measuring blood flow utilizing the BK Flex Focus™ 800 and 500 ultrasound systems, and the ProFocus™ UltraView 800 ultrasound system. Analogic is introducing the innovative method and showcasing its full suite of ultrasound platforms at the 99th Scientific Assembly and Annual Meeting of the Radiology Society of North America (RSNA), December 1-6, 2013.

VFI Assist™ is an innovative technology that, together with VFI technology, allows angle independent visualization of blood flow and automatic sample gate placement for spectral Doppler assessment. As a result, a potentially quicker patient assessment is realized. VFI Assist also enables volume flow measurement while imaging the vasculature as well, which could potentially help in dialysis graft patency assessment. Analogic's VFI Assist is part of the groundbreaking Quantum™ Plus Technology* offering image quality advancements that make it easier and quicker for clinicians to obtain the highest quality images.

"Both VFI and our new VFI Assist are exclusive to Analogic, and exemplify our ongoing dedication to research and collaboration to develop leading-edge ultrasound solutions," said Jim Green, president and CEO of Analogic. "VFI and VFI Assist provide extremely high-quality visualization of complex blood flow, potentially allowing for a faster assessment and diagnosis. We believe these technologies are valuable clinical tools that will enable clinicians to see micro-hemodynamics in peripheral vessels, which until now, was not achievable with conventional Color Doppler."

Analogic developed VFI in close collaboration with Jørgen Arendt Jensen, professor of biomedical signal processing at the [Department of Electrical Engineering \(DTU Elektro\)](#), Technical University of Denmark, and the Center for Fast Ultrasound Imaging (CFU), in Denmark. BK ultrasound systems were used to measure the motion of blood flow in all directions throughout a patient's body to help clinicians better understand complex hemodynamics.

Analogic's family of Flex Focus procedure-driven ultrasound systems offer an extensive product portfolio including the Flex Focus 400, Flex Focus 500, Flex Focus 800 and Pro Focus UltraView 800. All systems support a broad range of innovative transducers to address the challenges of demanding interventional procedures. The broad transducer portfolio makes the Flex Focus family systems some of the most versatile in ultrasound imaging. The company's VFI technology and its new VFI Assist on the Flex Focus 500 and 800, and the UltraView 800 ultrasound systems is optimal for any vascular application where hemodynamic and volume flow information are needed.

To learn more about Analogic's unique VFI and VFI Assist technologies, and to see the company's complete ultrasound offering, please visit Analogic during RSNA 2013 in booth #6134 at McCormick Place, Chicago.

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 systems and technology that enable computed tomography, ultrasound, digital mammography and magnetic resonance imaging (MRI), as well as automated threat detection for aviation security. Our CT, MRI, digital mammography and ultrasound transducer products are sold to original equipment manufacturers (OEMs), providing state-of-the-art capability and enabling them to enter new markets and expand their existing market presence. Our market-leading BK Medical and Ultrasonix branded ultrasound systems, used in procedure-driven markets such as urology, surgery and point-of-care, are sold to clinical end users through our direct sales force. For over 40 years we've enabled customers to thrive, improving the health and enhancing the safety of people around the world. Analogic is headquartered just north of Boston, Massachusetts. For more information, visit www.analogic.com.

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* Quantum Plus Technology for Ultrasonix systems will be available for sale in Q2 2014.

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