

MEGIN

LE BONHEUR CHILDREN’S IS FIRST IN THE WORLD TO INSTALL TRIUX™ NEO FOR FUNCTIONAL BRAIN IMAGING

MEMPHIS, TENNESSEE (September 26, 2018) – MEGIN announced today [Le Bonheur Children’s Hospital](#) is the first hospital in the world to install TRIUX™ neo, the next generation of magnetoencephalography (MEG) technology for functional brain imaging. A highly sensitive, non-invasive method for mapping the human brain, TRIUX neo is used to assess complex neurological disorders.

“Le Bonheur Children’s has a world-class neuroscience program. They are leaders in implementing innovative technologies that translate to better care and improved outcomes,” said Janne Huhtala, CEO of MEGIN. “We are honored to be working with their amazing team of clinicians and researchers as we look to expand the clinical impact of our technology.”

TRIUX neo can detect and localize neural events that are generated in the brain with millimeter accuracy and millisecond resolution. When this information is merged with structural MRI imaging, it provides a view to critical areas of the brain such as those areas responsible for the ability to see, talk, or move. Using this kind of information can confirm a diagnosis when other imaging modalities are inconclusive, thereby increasing the accuracy of surgical intervention and minimizing risk of neurological deficit.

“We provide excellent care to children with neurologic diagnoses using advanced technology, clinical expertise and state-of-the-art facilities. As one of the nation’s best pediatric neuroscience programs according to *U.S. News & World Report*, we are looking forward to incorporating this new technology,” said James Wheless, MD, chief of Pediatric Neurology for the University of Tennessee Health Science Center and co-director of Le Bonheur’s Neuroscience Institute.

“Using MEG, we determine the focus of seizures and can map sensory and motor areas,” said Frederick Boop, MD, chair of the Department of Neurosurgery for the University of Tennessee Health Science Center and co-director of the Neuroscience Institute. “This has allowed us to perform brain surgery in children more safely and with fewer complications. It has also allowed us to extend our surgical capabilities in children with epilepsy to those who might not have been recognized as surgical candidates in the past. This new technology will help us continue this important work.”

Multi-Media: [Video featuring James Wheless, M.D., chair, Division of Pediatric Neurology LeBonheur Children’s Hospital University of Tennessee Health Center](#)

For further information, please contact:

For MEGIN:

Tyler Lecceadone
SeyferthPR
616-776-3511
lecceadone@seyferthpr.com

For Le Bonheur Children's Hospital:
(901) 287-6030 or visit lebonheur.org.

About Le Bonheur Children's Hospital

Le Bonheur Children's Hospital in Memphis, Tenn., treats children each year through community programs, regional clinics and a 255 bed state-of-the-art hospital. Le Bonheur serves as a primary teaching affiliate for the University Tennessee Health Science Center and trains more than 350 pediatricians and specialists each year. Nationally recognized, Le Bonheur is ranked by *U.S. News & World Report* as a Best Children's Hospital.

For more information, call (901) 287-6030 or visit lebonheur.org. Connect via facebook.com/lebonheurchildrens, twitter.com/lebonheurchild, Instagram at [lebonheurchildrens](https://instagram.com/lebonheurchildrens) or Snapchat at [lebonheur_child](https://snapchat.com/add/lebonheur_child).

About MEGIN

Based in Helsinki, Finland for over 29 years, MEGIN has been the leading manufacturer of magnetoencephalography (MEG) technology for functional brain imaging used for presurgical evaluation of epilepsy, brain tumors, or other lesions, and surgical planning for localization of sensory information. TRIUX neo, a fourth-generation system, the most recent technology to be introduced, has been developed to support medical professionals in the delivery of quality care and improved outcomes.

In July 2018, MEGIN was acquired by York Instruments, forming the new global leader of functional brain imaging technology.