



SAPHENEIA AND CHILDREN'S MEMORIAL HOSPITAL COLLABORATE TO REDUCE CT DOSE FOR PEDIATRICS

Clarity™ CT Solution REDUCES EFFECTIVE DOSE BY UP TO 40%

May 19, 2009 – Sapheneia, a global imaging services company, today announced the initial results of an on-going partnership with Children's Memorial Hospital ("CMH") of Chicago, IL designed to materially reduce CT radiation dose for pediatric patients using Sapheneia's **Clarity™ CT Solution**.

The partnership involves the implementation of **Clarity CT Solution** in clinical production at CMH to address the growing concern over radiation dose exposure to patients, especially children, during CT diagnostic imaging. Following the installation of **Clarity CT Solution**, Sapheneia and CMH worked together to fine-tune pediatric specific scanning protocols using the **Clarity CT Solution** product, to achieve material dose reduction while maintaining or improving image quality and diagnostic confidence.

Commenting on the results of the partnership, Cynthia K. Rigsby, M.D. CMH Vice-Chair, Department of Medical Imaging says, "Clarity helps lower CT dose 30 – 40% from already reduced pediatric CT doses, and the solution fits seamlessly into our diagnostic imaging workflow."

The partnership with CMH helped to refine clinically tested and radiologist validated lower-dose CT protocols which form the core library of Sapheneia's new product **Clarity CT Solution – Pediatrics**. This pediatric solution, like all **Clarity CT Solutions**, is 510(k) cleared and available for sale in the US and global Healthcare markets.

Dr. Jian-Feng Chen, Ph.D., a medical physicist, comments, "Clarity provides an effective way to reduce radiation dose for CT scans, while maintaining diagnostic confidence. The study at Children's Memorial Hospital showed that the **Clarity CT Solution** enabled a patient dose reduction by up to 40%, while simultaneously maintaining image quality and diagnostic value."

"We are proud to collaborate with CMH on reducing medical radiation dose for children. We look forward to expanding our relationship with CMH, developing an even broader library of pediatric-specific CT dose reduction image processing algorithms and providing these solutions to healthcare providers who share our commitment to dose reduction." states Hans Grahn, Ph.D., CEO, Sapheneia.

About Sapheneia

Sapheneia is a global, ISO-certified imaging services company specializing in diagnostic and analytical image processing solutions. Sapheneia's mission is to provide medical image optimization products to promote higher diagnostic confidence, greater patient and medical staff safety, and improved cost-effectiveness of medical imaging. Sapheneia's **Clarity CT Solution** enhances the diagnostic quality of images based on settings optimized by the radiologist. This enables lower radiation dose exposures while simultaneously providing radiologists with the diagnostic confidence previously available only when reading the same images at full dose.

For more information, visit our website at www.claritysolutions.org

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