SIEMENS Healthineers

Press

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Siemens Healthineers Announces First U.S. Installation of MAGNETOM Free.Max 80 cm MR Scanner

- **University of Michigan Health System installs company's smallest, most lightweight scanner, which combines 0.55T field strength with deep learning technologies**

The University of Michigan Health System recently became the first U.S. healthcare institution to install the MAGNETOM Free.Max, a 0.55 Tesla (0.55T) magnetic resonance (MR) imaging scanner with deep learning technologies and advanced image processing.

The first and only 80 cm wide-bore system, the MAGNETOM Free.Max extends access to severely obese and claustrophobic patients and offers them an improved experience. At under 3.5 tons and less than 80 inches high, it is the most lightweight, compact whole-body MR scanner ever offered by Siemens Healthineers. Its new magnet design requires less than 1 liter of helium, contributing to reduced infrastructure and lifecycle costs. Deep Resolve algorithms perform targeted denoising and employ deep learning to deliver sharper, higher-resolution images. The scanner's myExam Companion workflow solution incorporates artificial intelligence to help the user navigate the examination more efficiently.

"With this acquisition of the MAGNETOM Free.Max, University of Michigan Health will collaborate with Siemens Healthineers to vigorously explore the broader capabilities of mid-field magnetic resonance imaging with advanced image acquisition and reconstruction technologies, with the ultimate goal of expanding access to MRI," said Vikas Gulani, MD, PhD, chair of the Department of Radiology at Michigan Medicine.[1]

"Siemens Healthineers is pleased to provide the University of Michigan Health System with the MAGNETOM Free.Max, with its host of unique features that have the potential to bring

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advanced magnetic resonance imaging to greater numbers of patients," said Jane Kilkenny, Vice President of Magnetic Resonance at Siemens Healthineers North America.

[1] Title provided for identification purposes only. The views and opinions expressed are those of the individual and do not necessarily reflect the positions of the University of Michigan.

For further information on the MAGNETOM Free.Max, please see siemens-healthineers.us/free-max

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Siemens Healthineers AG (listed in Frankfurt, Germany: SHL) is shaping the future of healthcare. As a leading medical technology company headquartered in Erlangen, Germany, Siemens Healthineers enables healthcare providers worldwide through its regional companies to increase value by empowering them on their journey towards expanding precision medicine, transforming care delivery, improving the patient experience, and digitalizing healthcare. Siemens Healthineers is continuously developing its product and service portfolio, with AI-supported applications and digital offerings that play an increasingly important role in the next generation of medical technology. These new applications will enhance the company's foundation in in-vitro diagnostics, image-guided therapy, and in-vivo diagnostics. Siemens Healthineers also provides a range of services and solutions to enhance healthcare providers' ability to provide high-quality, efficient care to patients. In fiscal 2021, which ended on September 30, 2021, Siemens Healthineers, which has approximately 66,000 employees worldwide, generated revenue of €18.0 billion and adjusted EBIT of €3.1 billion. Further information is available at www.siemens-healthineers.com.