

# Mayo Clinic and GE Healthcare Announce Collaboration to Develop Clinical 3.0T Body MRI

## Focus is to Realize Full Potential of Body Imaging to Improve Patient Care

Mayo Clinic and GE Healthcare announced an ambitious program for clinical development of high field magnetic resonance imaging (MRI) of the body. This collaboration, announced at the 14th Annual Scientific Meeting and Exhibition of the International Society for Magnetic Resonance in Medicine, is designed to help realize the full potential of 3.0T (Tesla) MR systems as a diagnostic tool, particularly for the abdomen, heart, breast and musculoskeletal system.

“Accurate and early diagnosis is the critical forerunner to effective medical treatment, which is why Mayo is focusing on improving the diagnostic capabilities of advanced MR imaging.”



Kimberly K. Amrami, M.D.

The collaboration, through the Body MRI Advanced Development Unit at Mayo Clinic, Rochester, Minnesota, will develop and apply the most clinically viable techniques for 3.0T MR imaging, the highest strength magnetic field in clinical use. It will also allow Mayo Clinic patients to benefit from all that MRI technology can offer in accurately diagnosing conditions such as breast and prostate cancer, liver disease and coronary artery disease.

“Accurate and early diagnosis is the critical forerunner to effective medical treatment, which is why Mayo is focusing on improving the diagnostic capabilities of advanced MR imaging,” said Kimberly K. Amrami, M.D., head of the body MR imaging practice at Mayo Clinic in Rochester. “We are happy that GE has agreed to a new level of collaboration

with us for the benefit of patients. Both Mayo and GE Healthcare bring exceptional resources and enthusiasm to the development of clinical applications for this exciting new technology.”

GE will be installing at Mayo Clinic a state-of-the-art 3.0T MR system and collaborating through a team of scientists and engineers to help develop new imaging protocols for high-field MRI.

“This announcement marks a significant milestone in our long collaboration with Mayo Clinic, one of the most widely respected healthcare institutions in the world,” said John Chiminski, vice president and general manager of GE Healthcare’s global MR business. “By working together, we will enjoy an excellent clinical focus by bringing all of our prototypes to one place for the most rigorous clinical scrutiny and rapid feedback.

Through our collaboration with Mayo Clinic, we’re investing in the future of healthcare,” Chiminski added. “This collaboration embodies our vision of transforming healthcare by accelerating the translation of technological advances into clinical practice.”

### About Mayo Clinic

Mayo Clinic is a not-for-profit organization dedicated to the diagnosis and treatment of complex patient illness in an environment in which physicians from every medical specialty work together to meet patient needs. Mayo Clinic provides comprehensive clinic and hospital services at its sites in Rochester, Minn., Jacksonville, Fla., and Scottsdale/Phoenix, Ariz. Mayo Clinic integrates clinical practice, education and research with an unwavering focus on meeting patient needs. More than 2,500 Mayo Clinic physicians and scientists and 42,000 allied health staff treat more than half a million people each year. ■