

# FieldStrength

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## Philips and Elekta establish research consortium on MRI-guided radiation therapy

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Prior to setting up the research consortium, Elekta, Philips and the University Medical Center Utrecht built and tested a prototype system that integrates a linear accelerator and a 1.5T MRI system. The success of these efforts has enabled the project to move to the next phase of development and testing by the select group of consortium partners.

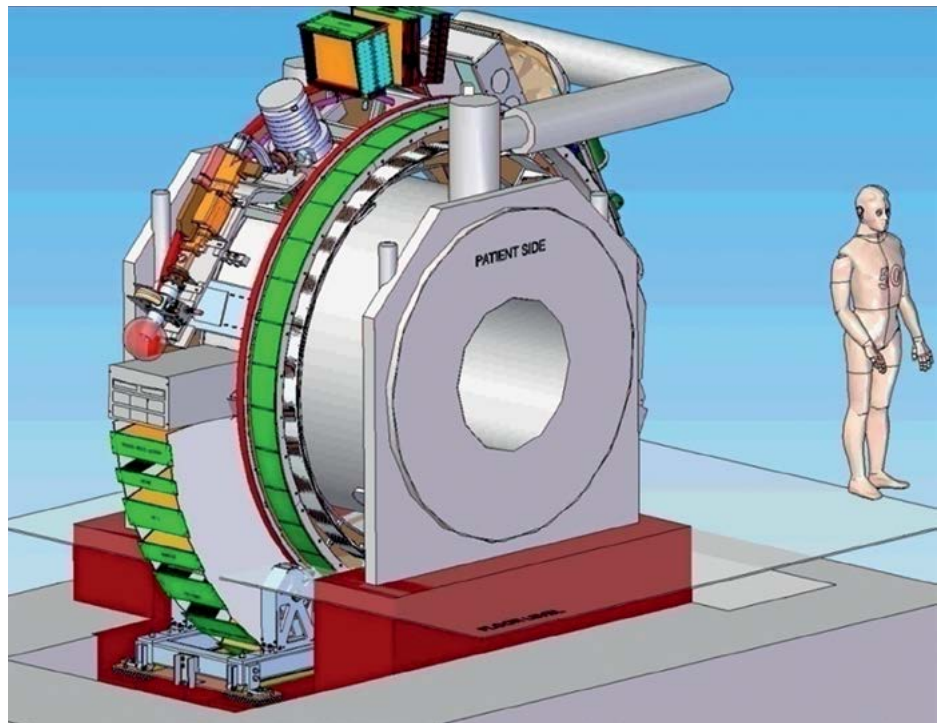


In collaboration with leading radiation oncology centers and clinicians, Philips and Elekta will seek to merge advanced Magnetic Resonance Imaging (MRI, picture on the left) with precision radiation therapy (picture on the right) in a single MRI-guided radiation therapy system.

**The MRI-guided radiation therapy system\*** – uniting state-of-the-art MRI with a cutting edge radiation therapy system – will provide physicians with exceptional images of a patient’s soft tissues and tumor during radiation therapy. This breakthrough innovation also aims to enable clinicians to adapt treatment delivery in real time.

Elekta, Philips and UMC Utrecht recently welcomed MD Anderson Cancer Center (Houston, Texas, USA) as a collaborator in the research consortium dedicated to advancing the development of MRI-guided radiation therapy.

“The development of a meaningful, yet complex innovation like the MRI-guided radiation therapy system\* can only be done in partnership with leading healthcare innovators, both from an industrial, as well as a clinical perspective,” says Gene Saragnese, CEO Imaging Systems at Philips Healthcare.



\*The integrated MRI-guided radiation therapy system is in development and not available for sale.

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