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Investigational Sonalleve MR-HIFU fibroid therapy system showcased at ISMRM



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PHILIPS

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The Philips Sonalleve MR-HIFU system is being investigated for the non-invasive treatment of uterine fibroids. The procedure involves volumetric heating with real-time feedback. The Sonalleve MR-HIFU system is currently installed at 16 sites in the US, Europe and Asia for research purposes, with several sites conducting clinical trials for uterine fibroid therapy.

Fibroid treatment at Baylor College of Medicine

“In clinical practice today we evaluate patients with fibroids and tailor the treatment plan for each patient,” said Robert K. Zurawin, M.D. associate professor and director of Fellowship in Minimally-Invasive Gynecology at Baylor College of Medicine, Houston, TX, USA. “We are investigating the Sonalleve MRI HIFU system for relief of uterine fibroid symptoms.”

Achieva MR system and Sonalleve tabletop with integrated HIFU transducer and 5D positioning system..

Sonalleve enables **volumetric heating**. Clinical data show that volumetric heating offers more effective treatment and reduces treatment time as compared to point-by-point HIFU ablation.

During HIFU treatment, real-time **MR temperature maps** are provided. The HIFU system uses the temperature feedback for energy control.

