

Ultrasound/MRI fusion biopsy detects more sonographically occult prostate cancers

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Research conducted at the State University of New York Upstate Medical University has found that multiparametric MRI and subsequent fusion of MR images with ultrasound enables a targeted biopsy of high-suspicion foci with increased diagnostic accuracy of prostate cancer over established methods.

For patients on active surveillance for low-risk cancer, multiparametric MRI can better characterize the [prostate gland](#) and find occult foci of higher grade disease.

"The need to differentiate a clinically significant cancer from indolent cancers is a major challenge in current practice," said Sajeew Ezhapilli, MD. "Detection of occult lesions has a direct effect on management and may affect oncologic outcome."

The study was featured in an electronic exhibit at the ARRS 2015 Annual Meeting in Toronto.

More information: [View the abstract](#)

Provided by American Roentgen Ray Society

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