



Breast

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Screening Breast MRI 2020 Perspective:

More Gain, Less Pain

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In this talk I will review the evidence supporting the use of contrast enhanced abbreviated Breast MRI for breast cancer screening, including recent the multi center trial that confirms substantial superiority over state-of-the-art digital breast tomosynthesis. I'll also discuss the remaining unmet needs for MRI for screening for breast cancer, including the lack of kinetic data in abbreviated protocols as well as the limitations of diffusion weighted imaging.

Ultimately Breast MRI must find more cancers that are treatable, for which early detection improve survival, and Breast MR must detect fewer benign abnormalities. Breast MRI also needs to become even cheaper and safer, for example by eliminating gadolinium altogether, if it is to be cost-effective for widespread population-based screening.

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