

Abstract Submitted
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Compact MRI of the breast: new magnetostatics and new superconducting materials for affordable breast screening PETER MCINTYRE, KYLE DAMBORSKY, AKHDIYOR SATTAROV, Texas A&M University — MRI imaging of the breast has been shown to provide enhanced early detection of breast cancer, but whole-body is not affordable for screening. New magnetostatics and new superconducting materials make it possible to produce homogeneous magnetic field at both breasts using a compact magnet that is suitable for staging in a doctor's office or mobile van.

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