

Mayo Clinic Minute

Molecular breast imaging

Video	Audio
Vivien Williams VO: video of MBI test GRAPHIC: MBI	This woman is being screened for breast cancer with a technology developed at Mayo Clinic called MBI.
Deborah Rhodes, M.D. Preventive Medicine Mayo Clinic	“MBI stands for molecular breast imaging, which is a relatively new tool for imaging the breast that was designed to overcome the limitations of mammography.”
Vivien Williams	In women with dense breasts. Dr. Deborah Rhodes says the problem is that breast cancers and dense breast tissue both look white on mammograms. So it’s possible that a tumor could be missed. During an MBI screening test, patients receive an injection of a tracer.
Deborah Rhodes, M.D.	“Tumors stand out from the background tissue.”
Vivien Williams •	Up to half of all women have dense breast tissue, and, in two large studies, MBI identified three to four times more cancers than mammography in women with dense breasts.
Deborah Rhodes, M.D.	“If we can reliably find most tumors at an early stage, we might be able to significantly impact the death rate from breast cancer.”
Vivien Williams	For the Mayo Clinic News Network, I’m Vivien Williams.