

Increased Findings, Reduced Biopsies

Lunit INSIGHT MMG is a state-of-the-art AI solution for mammography that detects breast cancer lesions with **97%** accuracy.

☑ Increased Cancer Detection

- Max 18% Increase in Breast Cancer Detection

☑ Reduced False Positive Recalls

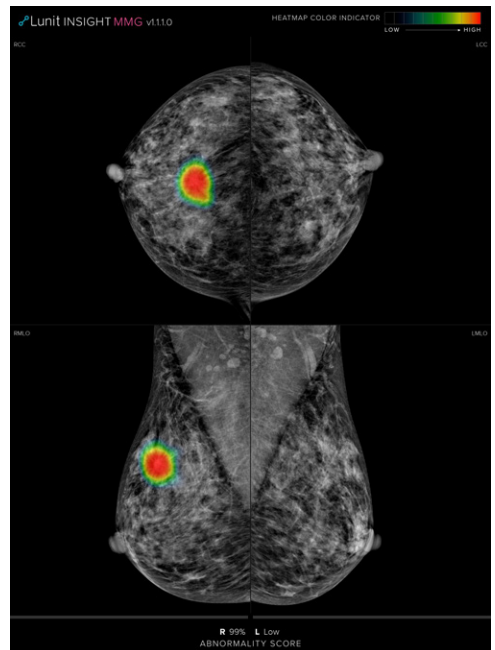
- Max 14% Decrease in False Positive Recalls

☑ Improved Accuracy for Dense Breasts

- 11% Increase in AUC

☑ Early-Stage Invasive Cancer Detection

- 91% of T1 and 87% of Node-Negative Cancers Detected

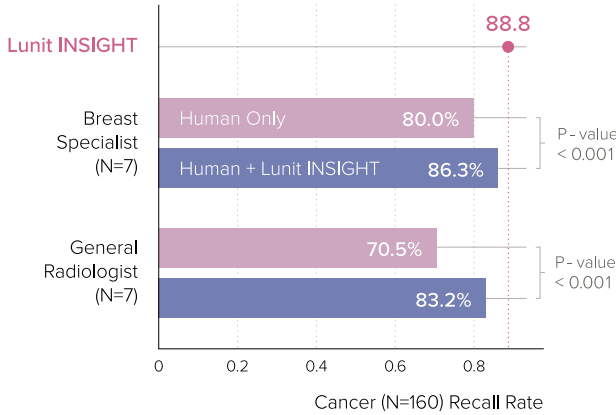


PERFORMANCE SUMMARY

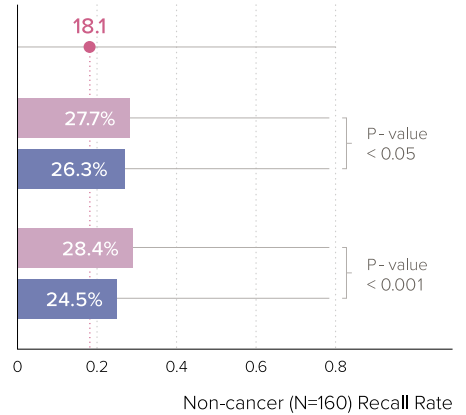
Lunit INSIGHT MMG boasts superior accuracy in the detection of breast cancer in mammography images, at average 97%. Our studies show that with Lunit INSIGHT MMG, the physicians saw 13% increase in cancer detection. It helps increase cancer detection and reduce false positive recalls, minimizing unnecessary invasive biopsies.

Kim H-E et al., Lancet Digital Health 2020

Increased Cancer Detection



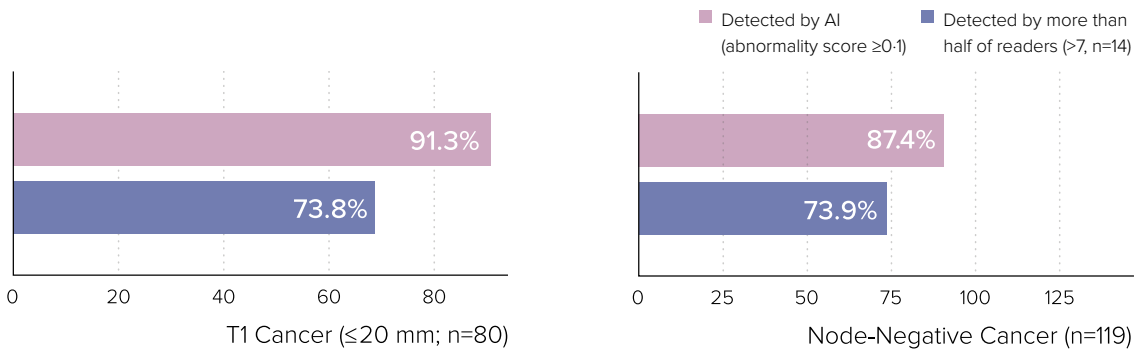
Reduced False Positive Recalls



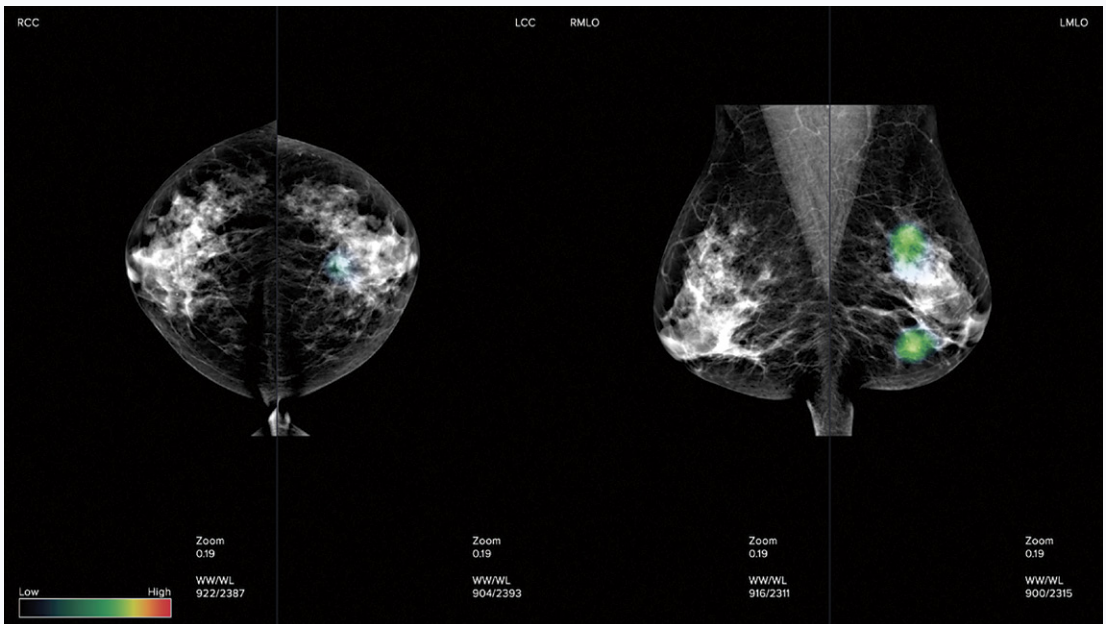
Consistent Performance Across Breast Densities

	ROC AUC (N=320)		CANCER RECALL (N=160)		NON-CANCER RECALL (N=160)	
	w/o Lunit	w/ Lunit	w/o Lunit	w/ Lunit	w/o Lunit	w/ Lunit
FATTY (A,B)	0.861	0.905	79.2%	84.1%	20.5%	16.8%
DENSE (C,D)	0.782	0.866	73.8%	85.0%	32.6%	30.5%

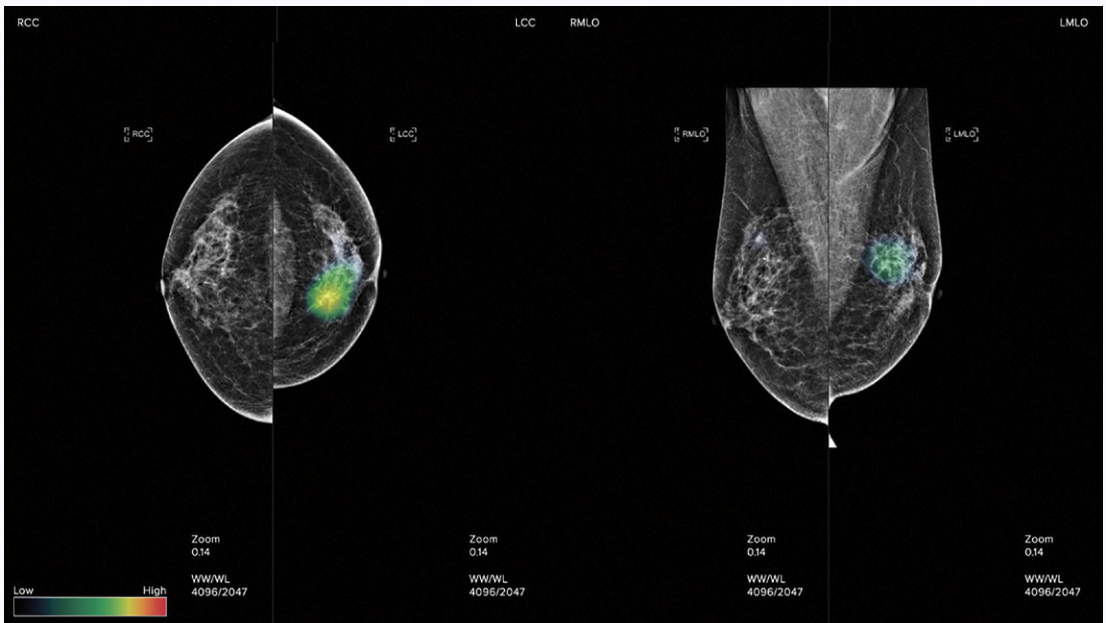
Superior Performance in Early-Stage Invasive Cancer Detection



CLINICAL CASES



CASE 1 A small obscured mass with clustered microcalcifications.
Only 2 out of 14 readers detected this w/o Lunit. With Lunit, 11 were able to detect.



CASE 2 Focal asymmetry.
Only 5 out of 14 readers detected this w/o Lunit. With Lunit, 13 were able to detect.