

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

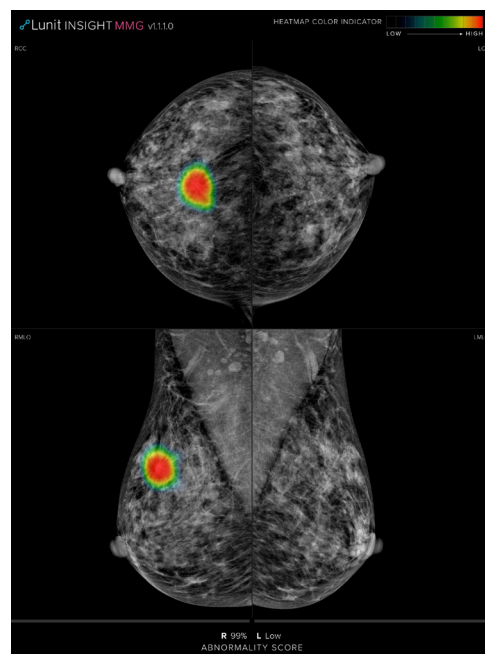
☑ Improved Accuracy for Dense Breasts

- 11% Increase in AUC

☑ Early-Stage Invasive Cancer Detection

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

AS PUBLISHED IN LANCET DIGITAL HEALTH, 2020

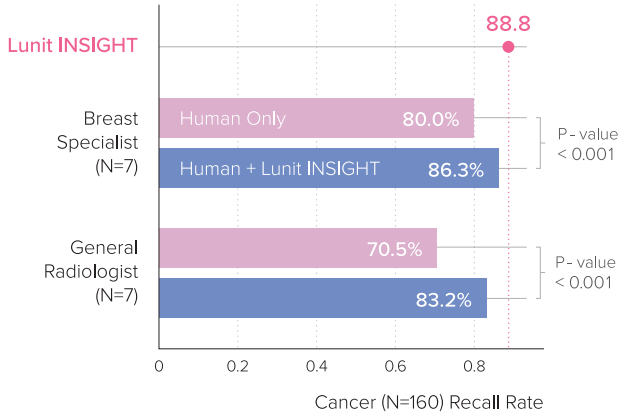


PERFORMANCE SUMMARY

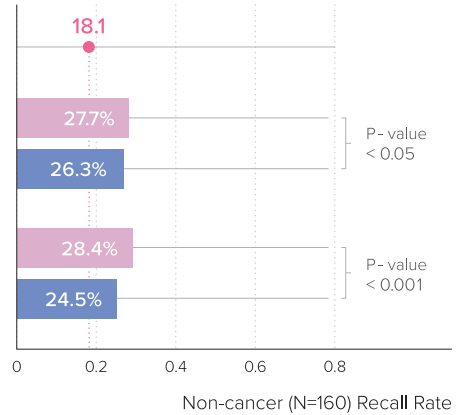
Lunit INSIGHT MMG boasts superior accuracy in the detection of breast cancer in mammography images, at average 97%. Our studies show that with Lunit INSIGHT MMG, the physicians saw 13% increase in cancer detection. It helps increase cancer detection and reduce false positive recalls, minimizing unnecessary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

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

Increased Cancer Detection



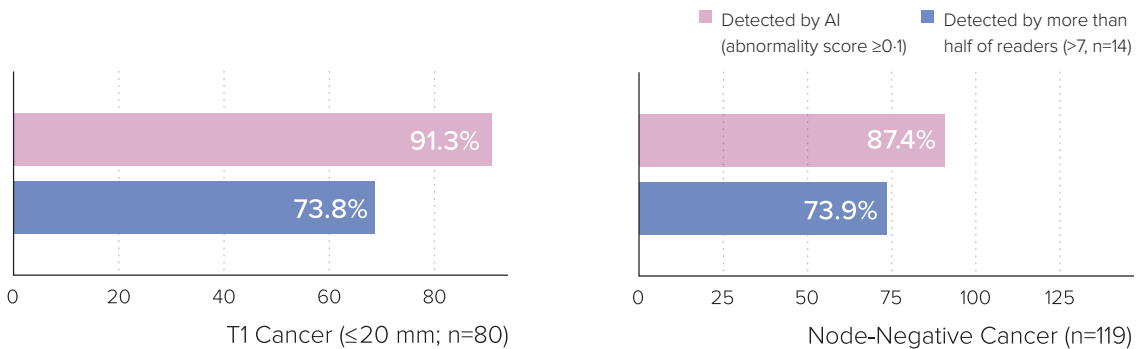
Reduced False Positive Recalls



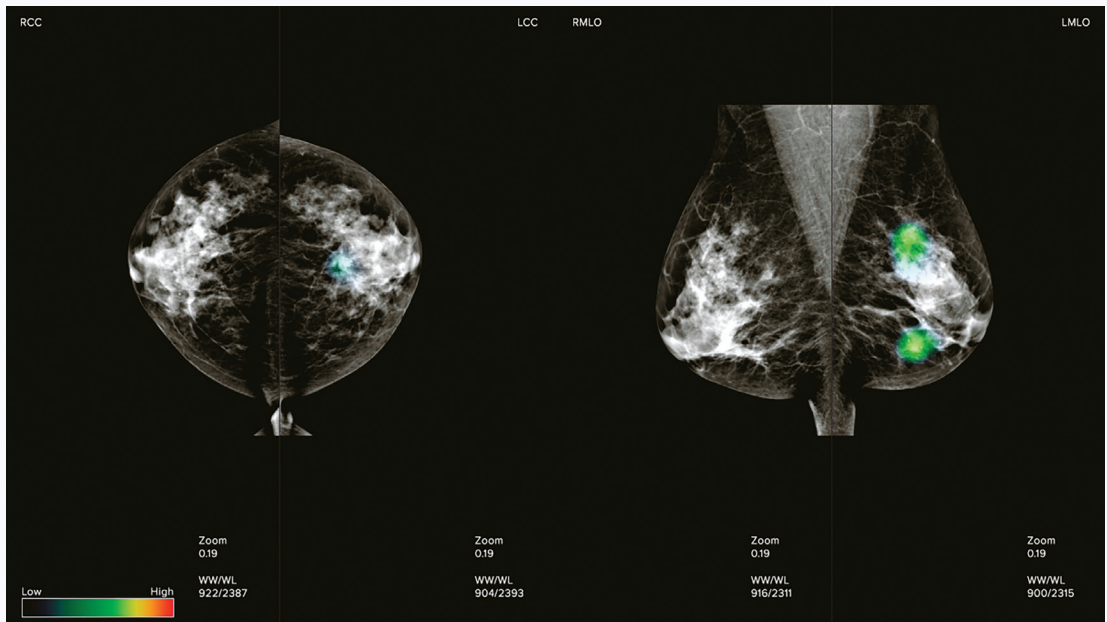
Consistent Performance Across Breast Densities

| | 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% |

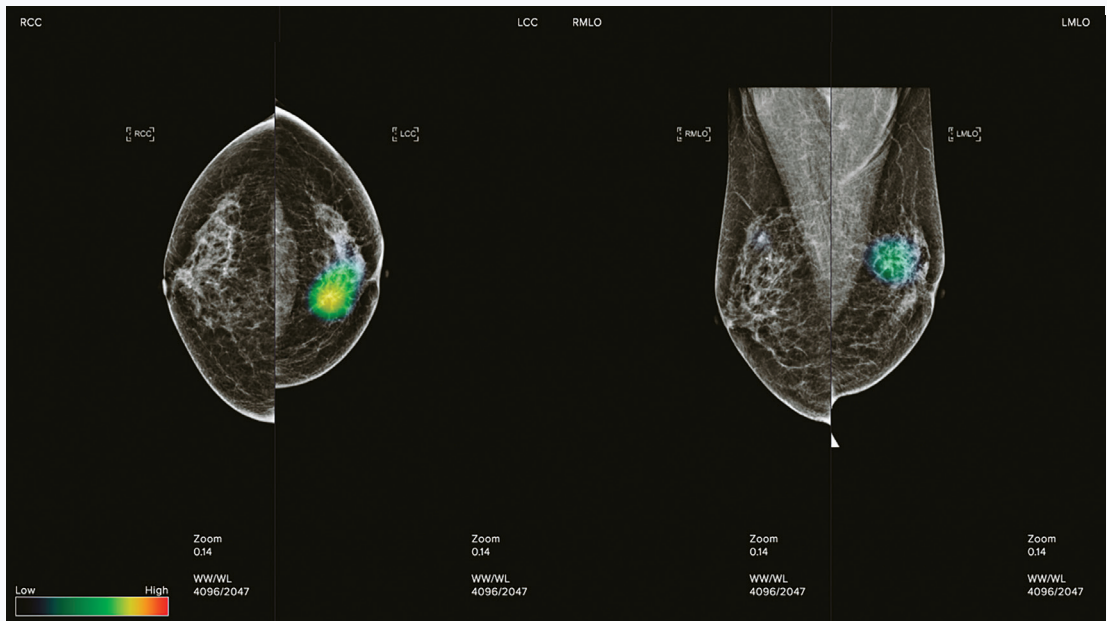
Superior Performance in Early-Stage Invasive Cancer Detection



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.