densitasdensity

v2.3.0

	Right	Left
Breast Area (cm²)	136	140
Dense Area (cm²)	38	56
Density (%)	28	40
Pressure (kPa)	10	9
Dose (mGy)	4.5	4.0

C

D
C
B
A

34%

densitasdensity™ can enhance clinical decision making and radiologist productivity by incorporating machine learning into an automated breast density assessment tool.

> "The biggest challenge with manual breast density measurements are that they're not reproducible."

Dr. Sian Iles, MD FRCPC
Section Head for Breast Imaging
Nova Scotia Health Authority, Central Zone

Challenge	Feature	Benefit
· Missed diagnosis · Monitor changes in breast health	· Machine learning "intelligence" · Analyzes "For Presentation" images · Breast density automatically calculated using 0-100% scale	· Track density changes over time · Better clinical outcomes
· Variability in manual assessments · Inconsistent clinical decision-making · Non standard workflows	· Consistent and reproducible density assessment · Integrates directly with PACS	· Improves follow-up recommendations · Improved modality utilization · Establishes standardized workflows · Increases clinical confidence
· Reduced performance of breast cancer risk models incorporating breast density	· Precise density assessment	· More accurate risk stratification

Radiologist Centric Workflow

1

PACS

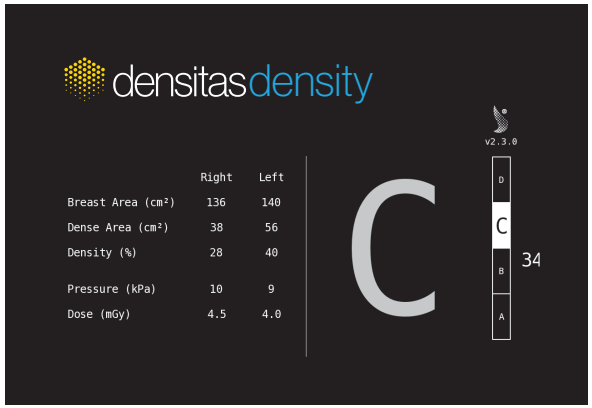
5

Reporting Workstation with **densitas**density™ results

2

4

3



1 Standard "For Presentation" studies arrive on PACS.

2 Studies auto-routed to **densitas**density™.

3 Study rapidly processed and density findings generated.

4 Density findings routed to PACS and inserted in original study.

5 Density findings appear with FFDM study at point of care.

What Makes us Unique

A.I. Powered

Advanced Machine Learning algorithms that simulate expert breast imaging radiologists and provide consistent results every time.

Track Density Progression

We enable retrospective analysis of prior studies because we analyze "For Presentation' studies, not raw data.

On-Demand!

Efficiency and workflow is enhanced by rapid generation of **densitas**density™ findings.

Scientifically Validated

densitasdensity™ generates standardized breast density assessments that are reliably reproducible and strongly associated with breast cancer risk.

Densitas develops solutions powered by **machine learning** that delivers actionable insights at point-of-care for **precision breast imaging.**

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