



PERIMETER

Imaging Like You've Never Seen Before

Weekly IR Round-Up - Noteworthy News

Newly Published Peer Reviewed Study

We recently published results from a [peer-reviewed study](#) examining the integration of Wide Field Optical Coherence Tomography (WF-OCT) with Perimeter's proprietary and investigational "ImgAssist" artificial intelligence technology, an AI-driven clinical decision support system created to enhance productivity and decision making in breast cancer surgery margin assessment.

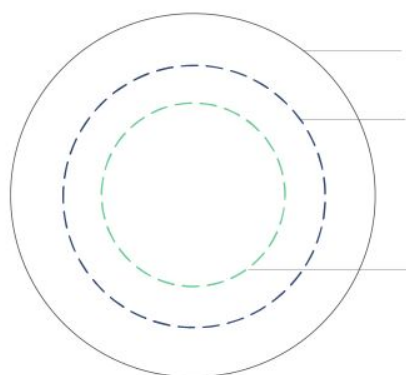


Read full article [here](#).

#ICYMI (In Case You Missed It)

A Perimeter [white paper](#) discusses the reasons for tumor size underestimation during preoperative imaging with mammography and ultrasound and the corresponding clinical implications, which could potentially be addressed by Perimeter's technology.

"Studies have consistently shown that preoperative imaging underestimates true tumor size, which is a key driver of margin clearance and necessitates re-excision surgeries in over 23% of breast lumpectomies."*



Postoperative Pathology

Preoperative Mammography

- Underestimated disease size in 50% of patients¹
- Imaging size was 1.3 cm smaller on average than disease size at final pathology³

Preoperative Ultrasound

- Underestimated disease size in 79% of patients¹
- Imaging size was 2.4 cm smaller on average than disease size at final pathology³



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* REFERENCES:

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For more information about Perimeter, please contact: investors@perimetermed.com



Perimeter Medical Imaging AI, 8585 N. Stemmons Freeway, Suite 106N, Dallas, TX 75247

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