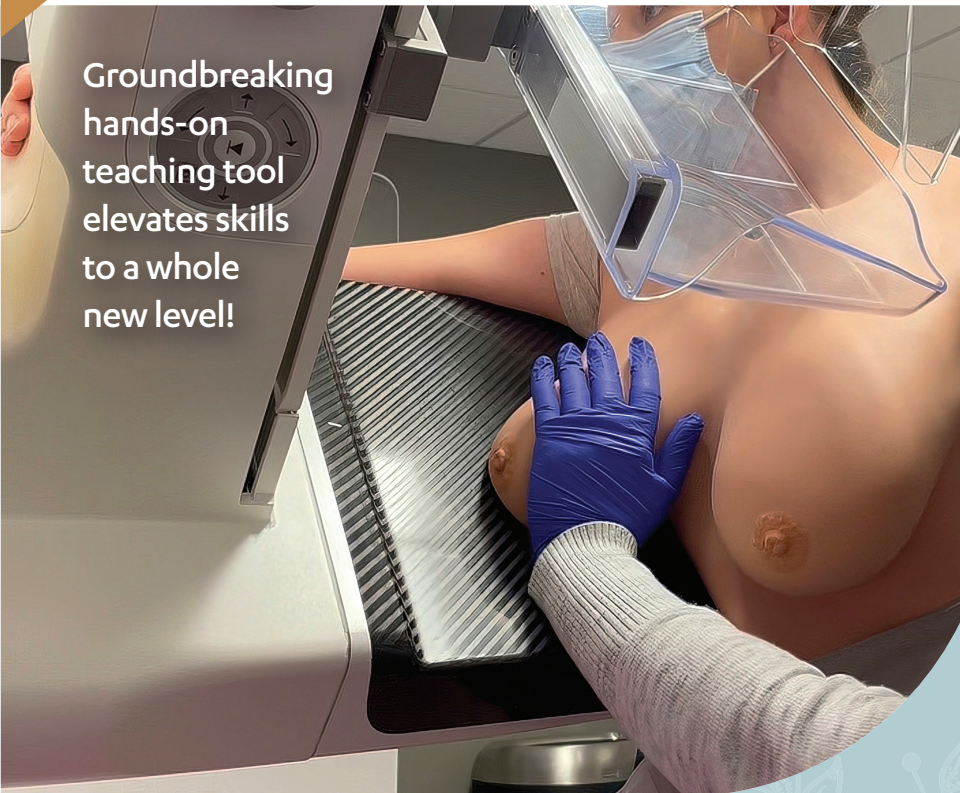


Save Time!  
Save Lives!

PATENT PENDING<sup>®</sup>  
**mammovest**  
Breast Positioning Tool

Groundbreaking  
hands-on  
teaching tool  
elevates skills  
to a whole  
new level!



“A valuable asset to any mammography program”

For more information contact:

[info@bloommedicalsimulation.com](mailto:info@bloommedicalsimulation.com)

## Save Time

- Easily enhance your training program and standardize positioning technique with reliable access to repeatable hands-on training
- Avoid waiting on patient consent or a live model for demonstration and practice
- Accelerate student learning and onboarding of new technologists

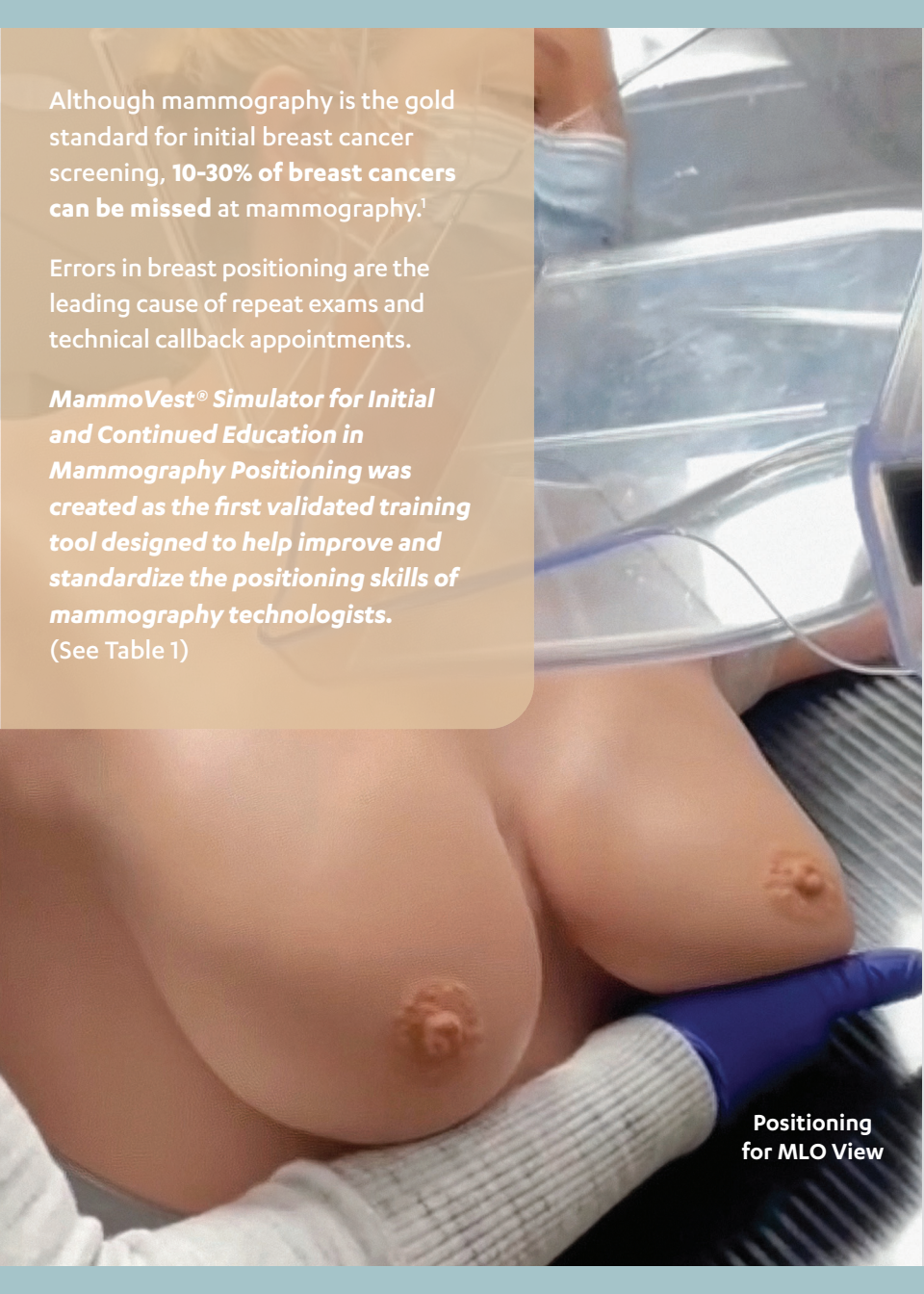
## Save Money

- Staffing shortages and idle mammography machines create significant financial losses for clinics
- Streamline and fast-track technologist training to maximize machinery use
- Avoid costly callback appointments, reputational damage, mandated fees, and clinical closures related to poor positioning

## Save Lives

- Detecting malignancies during radiological review relies on the technologist's ability to capture all the breast tissue consistently
- Enhanced proficiency leads to more accurate diagnosis, improved patient outcomes and reduced cancer deaths

***Research reported in this publication was supported by the National Cancer Institute of the National Institutes of Health under Award Number R43CA257792. The content is solely the responsibility of the authors and does not necessarily represent the official views of the National Institutes of Health.***



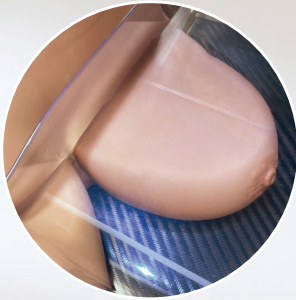
Although mammography is the gold standard for initial breast cancer screening, **10-30% of breast cancers can be missed** at mammography.<sup>1</sup>

Errors in breast positioning are the leading cause of repeat exams and technical callback appointments.

***MammoVest® Simulator for Initial and Continued Education in Mammography Positioning was created as the first validated training tool designed to help improve and standardize the positioning skills of mammography technologists.***

(See Table 1)

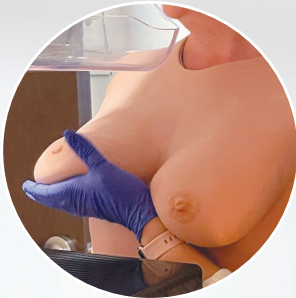
**Positioning  
for MLO View**



Compressed CC View with Cleavage



Compressed MLO View



Positioning for CC View



Compressed CC View

## NIH Phase I SBIR Grant: Content Validity Data Evaluation conducted at Rush University

MammoVest® was evaluated for realism and ability to demonstrate proper positioning and corrective techniques.

Metric	Likert Score (Mean ± SD)
<b>Cranial Caudal (CC) View Evaluation</b>	
Ability to demonstrate 'nipple in profile' and correcting if not	4.3 ± 0.6
Ability to demonstrate 'air gap' and how to remove it	4.0 ± 0.7
Ability to demonstrate 'exaggeration' both medially and laterally	4.2 ± 0.7
Ability to demonstrate 'lateral skin folds' and how to remove them	4.2 ± 0.8
<b>Medial Lateral Oblique (MLO) View Evaluation</b>	
Ability to demonstrate 'nipple in profile' and correcting if not	4.5 ± 0.7
Ability to demonstrate the 'up and out' maneuver	4.0 ± 0.8
Ability to demonstrate an open inframammary fold (IMF)	4.0 ± 0.8

Table 1: MammoVest® Content Validity data from 15 expert Mammography Technologists and Educators based on a 5-point Likert Scale.

## MammoVest® Features

- Anatomically accurate breast shape & feel
- Ergonomic wearable design
- Soft, mobile, breast tissue
- Accommodates repeated compression
- Nipple in profile in CC and MLO views
- True-to-life PNL measurements
- Ability to demonstrate open Inframammary Fold (IMF)

## Benefits

- Helps build confidence & communication skills for new technologists
- Patient-free training environment allows for open discussion
- Train ergonomics and proper body mechanics; decrease workplace injury



Adjusts to fit sizes XS to 4XL

“The MammoVest® we purchased eliminated the need for a human model and paid for itself in just a few short years. Not only have my students been able to practice positioning with full compression, but they’ve also taken turns wearing the MammoVest® while other students position. Wearing the MammoVest® undoubtedly gives them a better sense of what patients experience during a yearly mammogram; what a truly beneficial experience!”

**MELISSA HENDERSON, M.S., R.T., (R), (M), (CT)**  
Radiography Program Coordinator of Clinical Education  
Chippewa Valley Technical College

“25 years of experience in the field of mammography have shown me that there is nothing more valuable than hands-on training in terms of improving positioning skills. MammoVest® is truly unique in its life-like qualities and is unlike any other tools available for mammography education.”

**MIRANDA MELTON, R.T., (R), (M)**  
Director of Women's Imaging Education  
Medical Technology Management Institute (MTMI)

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