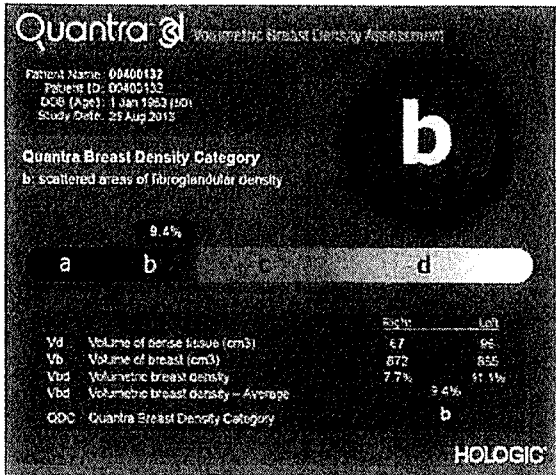
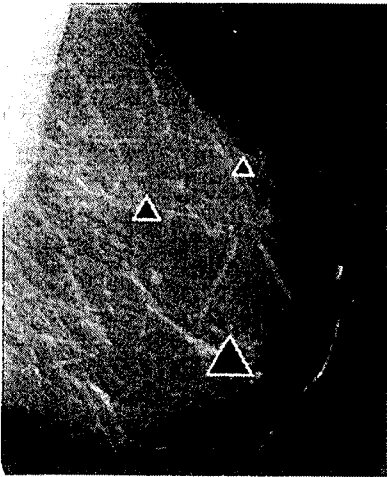


Analytical Aids



1 **ImageChecker[®] CAD:** Hologic pioneered this technology and leverages a growing database of clinical cases to effectively identify masses, architectural distortions and microcalcifications. Radiologists can use this tool to identify regions of interest on traditional 2D images to help them minimize observational oversights and decrease false negative readings

Quantra[™] breast density analysis software: This unique volumetric breast density assessment tool allows radiologists to monitor changes in breast density over time. So patients and doctors can take screening steps to help identify potential cancer at the earliest stage. Quantra software provides accurate, reproducible information to meet regulatory reporting requirements.

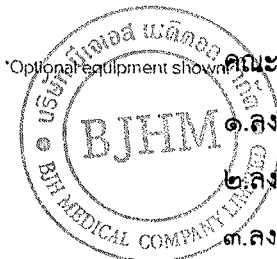
*Optional equipment shown.

The right tools – in your hands

The SecurView[®] DX diagnostic workstation is optimized to support the Selenia Dimensions system, providing novel, customizable workflow tools to ensure accurate, efficient review of any digital mammography or breast tomosynthesis exam.

Complete workflow solutions

Select from a variety of options to streamline review and analysis.

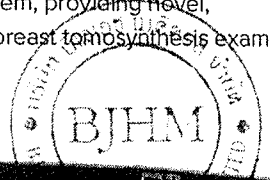


*Optional equipment shown



สมัคร

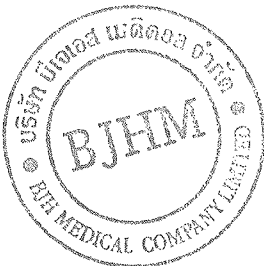
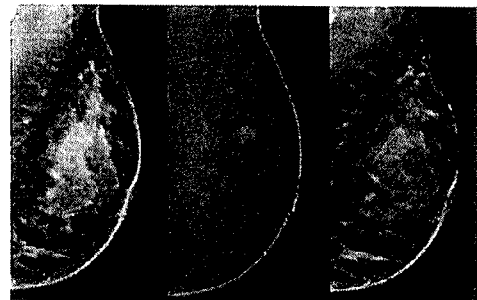
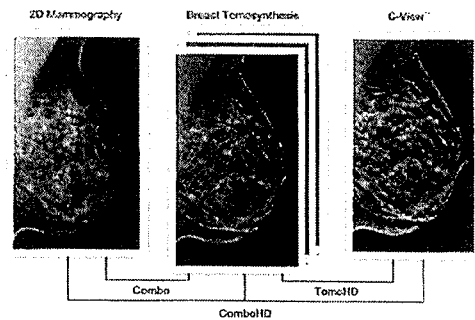
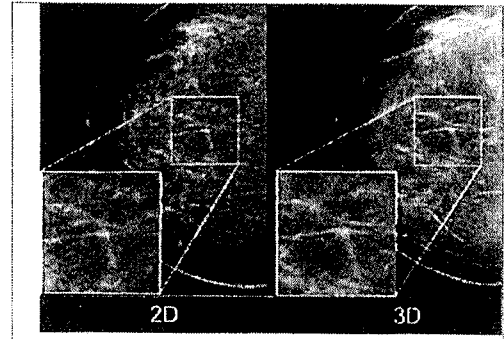
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Customizable options Advanced imaging applications

Selenia Dimensions is a platform for the future that can grow with you as your needs evolve and new technologies emerge. Only the Selenia Dimensions system can be upgraded to include:

- The **3D MAMMOGRAPHY™** exam integrates superior Hologic breast tomosynthesis technology for earlier detection of breast cancers,^{1,6} clearer lesion images⁷ and fewer false positive recalls^{1,4} for greater business efficiency and cost savings.^{10,11}
- **C-View™ low-dose synthesized 2D imaging** reduces the number of exposures required for a 2D/3D™ exam. Now the benefits of breast tomosynthesis can be achieved at dose levels comparable to a traditional 2D exam.
- **I-View™ contrast enhanced 2D imaging** provides functional information and highly detailed 2D images for enhanced precision that can be co-registered with tomosynthesis.

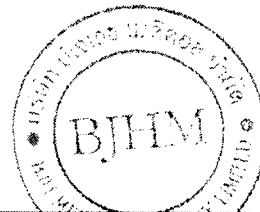


อนันท์

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๑.ลงชื่อ.....ประธานกรรมการ

๒.ลงชื่อ.....กรรมการ



สุวัฒน์

*Optional equipment shown.

Going mobile?

Exceptional accuracy makes the Hologic 3D MAMMOGRAPHY™ exam an excellent choice for mobile breast cancer screening services. It allows you to bring state-of-the-art technology directly to women for whom access would otherwise be difficult. The Selenia Dimensions mobile packages are the ideal traveling companion.

Why the Hologic 3D MAMMOGRAPHY™ exam?

- **Earlier detection:**
The Hologic 3D MAMMOGRAPHY™ exam is the only one that finds 41% more invasive cancers versus 2D mammography alone.*
- **Greater accuracy:**
It increases the Positive Predictive Value (PPV)* for both recalls (49%) and biopsy (21%) compared with 2D mammography.†
- **Fewer recalls:**
It reduces recalls due to false positives by up to 40%,‡ saving time and money.‡§

41%

Increase in detection of invasive cancers.†

Reduction in recalls due to false positives‡ by up to

40%

Hologic 3D MAMMOGRAPHY™ exams are available only on the Selenia Dimensions system.
*PPV for recall measures the proportion of women recalled from screening who are found to have breast cancer.

www.hologic.com | info@hologic.com | www.mygenius3d.com

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1. Friedewald S, Rafferty B, Rose A, et al. "Breast Cancer Screening using Tomosynthesis in Combination with Digital Mammography." *Journal of the American Medical Association*. 2014 July;311(24):2495-2502. Epub 2014 June 24. **2.** Rafferty B, Park J, Phipps J, et al. "Assessing Radiologist Performance Using Combined Digital Mammography and Breast Tomosynthesis Compared with Digital Mammography Alone: Results of a Multicenter, Multireader Trial." *Radiology*. 2013 Jan;266(1):104-15. Epub 2012 Nov 20. **3.** FDA PMA submission P080003 and FDA PMA submission P080003/5001 physician labeling. **4.** Zuley M, Bandos A, Ganott M, et al. "Digital Breast Tomosynthesis versus Supplemental Diagnostic Mammographic Views for Evaluation of Noncalified Breast Lesions." *Radiology*. 2013 Jan;266(1):89-95. Epub 2012 Nov 9. **5.** Skaane P, Bandos A, Gillies R, et al. "Comparison of Digital Mammography Alone and Digital Mammography Plus Tomosynthesis in a Population-based Screening Program." *Radiology*. 2013 Apr;267(1):47-56. Epub 2012 Jan 7. **6.** Clitte S, Houssami N, Bernardi D, et al. "Integration of 3D Digital Mammography with Tomosynthesis for Population Breast Cancer Screening (STORM): A Prospective Comparison Study." *The Lancet Oncology*. 2013 Jun;14(7):583-589. Epub 2013 Apr 25. **7.** Rose S, Tidwell A, Bujack L, et al. "Implementation of Breast Tomosynthesis in a Routine Screening Practice: An Observational Study." *American Journal of Roentgenology*. 2013 Jun;200(6):1491-1495. Epub 2013 May 22. **8.** McCarthy A, Kamis D, Symestvedt V, et al. "Screening outcomes following implementation of digital breast tomosynthesis in a general population screening program." *J Natl Cancer Inst*. 2014 Oct 15;106(11). **9.** Greenberg J, Javitt M, Katzen J, et al. "Clinical Performance Metrics of 3D Digital Breast Tomosynthesis Compared With 2D Digital Mammography for Breast Cancer Screening in Community Practice." *AJR Am J Roentgenol*. 2014 Sept;203:687-693. Epub 2014 Jun 11. **10.** Skaane P, Bandos A, Eskin E, et al. "Two-View Digital Breast Tomosynthesis Screening with Synthetically Reconstructed Projection Images: Comparison with Digital Breast Tomosynthesis with Full-Field Digital Mammographic Images." *Radiology*. 2014 Jun;271(3):654-7. Epub 2014 Jan 21. **11.** Zuley M, Sun H, Catalio M, et al. "Comparison of Two-dimensional Synthesized Mammograms versus Original Digital Mammograms Alone and in Combination with Tomosynthesis Images." *Radiology*. 2014 Jun;271(3):654-7. Epub 2014 Jan 21. **12.** FDA PMA submission P080003/5001 physician labeling. **13.** Bernardi D, Pellegrini M, Valentini M, et al. "The STORM II (Screening with Tomosynthesis of Mammography II Trial) interim Comparison of Screen-reading Strategies in Population Breast Screening" (paper presented at the annual meeting of the Radiological Society of North America, Chicago, IL, December 2014). **14.** Bonateo M, Kats V, Miller J, et al. "Value analysis of digital breast tomosynthesis for breast cancer screening in a commercially-insured US population." *ClinicoEconomics and Outcomes Research*. 2015 Jan 13. [Epub ahead of print]. **15.** Kats V, Haas S, Forman H, et al. "Cost-Effectiveness of Digital Breast Tomosynthesis" (paper presented at the annual meeting of the Radiological Society of North America, Chicago, IL, November 2012). **16.** Schwaiger S, Martini D, Ditsch T, et al. "Digital Breast Tomosynthesis-guided Vacuum-assisted Breast Biopsy: Initial Experiences and Comparison with Prone Stereotactic Vacuum-assisted Biopsy." *Radiology*. 2015;274(3):684-692. Epub 2014 Nov 12. **17.** Smith A, Sumpkin J, Zuley M, et al. "Comparison of Prone Stereotactic vs. Upright Tomosynthesis-guided Vacuum-assisted Core Breast Biopsies" (paper presented at the annual meeting for the Radiological Society of North America, Chicago, IL, November 2014). **18.** Women's Imaging. *Are the New Technologies Delivering Promise Benefits?* August 2015. Performance Report. © 2015 KLAS Enterprises, LLC. All rights reserved. www.KLASresearch.com

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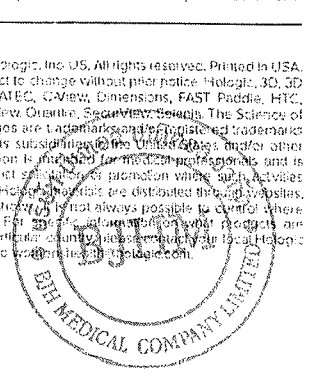
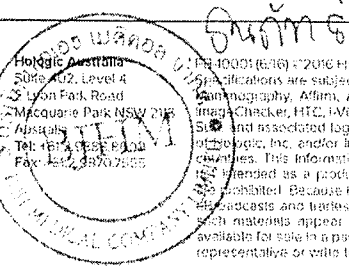
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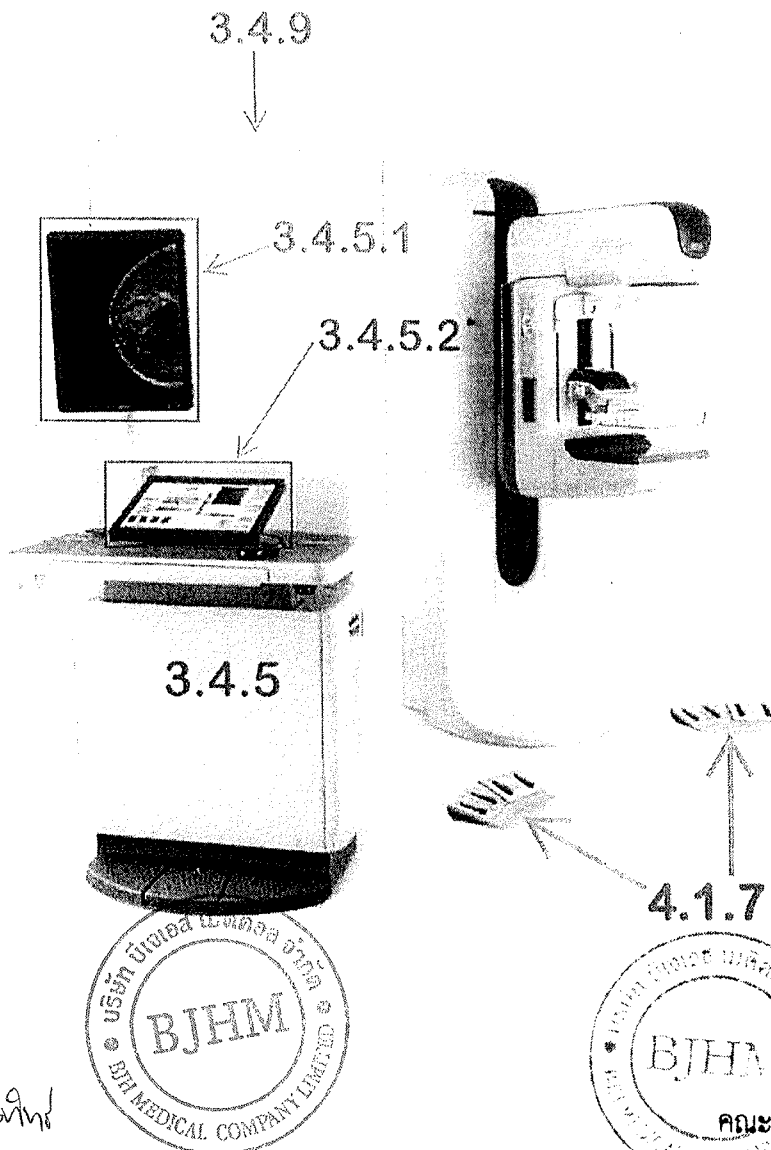


Better Detection. Clinically Superior. Low Dose.

Selenia® Dimensions® Mammography System

1 The Selenia® Dimensions® mammography system provides high image quality, high productivity and a variety of advanced applications. Its Genius™ 3D MAMMOGRAPHY™ exam strives to set new standards for earlier detection of breast cancers,¹⁶ clearer lesion images,⁷ and fewer false positive recalls¹⁴ and biopsies.¹⁷ That's less patient anxiety and burden,⁸⁻¹⁰ more business efficiency and cost savings,¹⁸ and, more confidence.¹²

The system, designed from the ground-up for breast tomosynthesis, offers superior clinical performance and is proven to benefit women of all breast densities compared with 2D mammography.^{10,13} The Selenia Dimensions platform is designed to keep evolving as new technologies emerge — as we strive for even better patient outcomes.



NEW

Selenia Dimensions Custom Packages

All Selenia Dimensions packages can progress with you, making it a smart choice for your facility today and tomorrow. From low-dose 3D MAMMOGRAPHY imaging, 3D biopsy, to Contrast Enhanced 2D Imaging co-registered with breast tomosynthesis imaging, Selenia Dimensions is the most comprehensive mammography system available today.

A broad range of customisable, ergonomic Selenia Dimensions system packages are available to match your specific needs. Start with 3D MAMMOGRAPHY imaging or select from 2D imaging capabilities. Then add more ergonomic and workflow features to enhance your facility's performance.

Optional equipment shown
* Compared with 2D digital mammography alone.

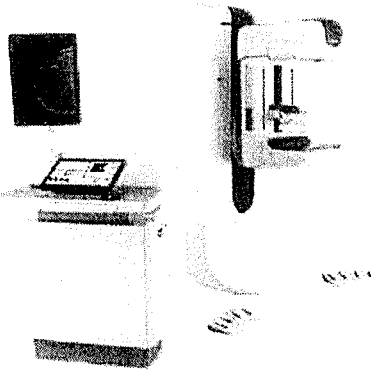
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3D MAMMOGRAPHY
Package Today!

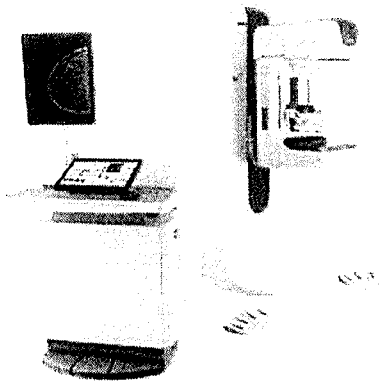
15-40%
fewer recalls*1,4

41%
more invasive cancer
detection*1



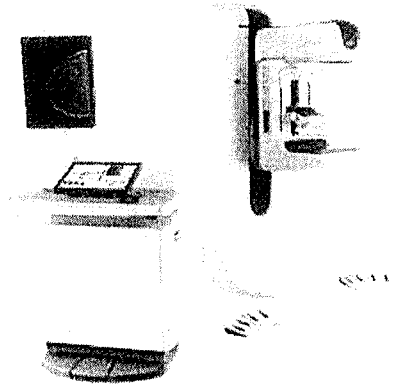
Selenia Dimensions System
Avia 3000 Package (2D only)

- Ideal for 2D screening
- Also available for routine 2D diagnostic
- Evergreen system, with multiple upgrades available as your needs change
- Offers fully functional workflow, essential technologist ergonomics and enhanced patient ergonomics



Selenia Dimensions System
6000 Package

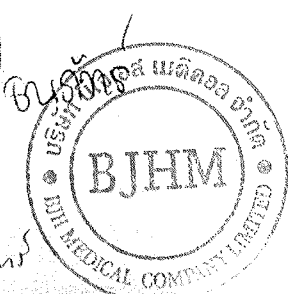
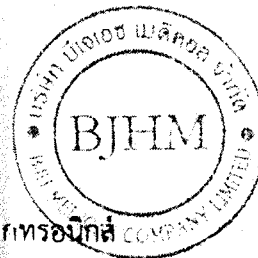
- Ideal for mid to high volume screening and advanced diagnostics
- Offers enhancements for workflow, technologist ergonomics and patient ergonomics
- Additional options are available to customise your package



Selenia Dimensions System
9000 Package

- Ideal for high volume screening and advanced diagnostics
- Offers elevated, intelligent workflow, harmonised communications, optimal technologist ergonomics and enhanced patient ergonomics

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 ข.ส่งชื่อ.....กรรมการ



Imaging, Acquisition Workstation and Workflow Features

Initial Imaging Modes	Selenia Dimensions Packages				
	AVR-2D 3000	2D 6000	2D 9000	3D 6000	3D 9000
Full Field Digital Mammography					
2D Screening	●	●	●	●	●
2D Diagnostic	○	●	●	●	●
Breast Tomosynthesis					
3D Screening: Combo (3D+2D)		○	○	●	●
Low-dose 3D Screening with C-View™ software: TomoHD (3D+generated 2D)		○	○	○	○
3D Screening: ComboHD (3D+2D+generated 2D)		○	○	○	○
3D Diagnostic		○	○	●	●
Biopsy					
Stereotactic biopsy		○	○	○	○
Tomosynthesis biopsy		○	○	○	○
Contrast Enhanced 2D (CE2D)					
CE2D Imaging with I-View™ software		○	○	○	○
CE2D Imaging combined with 3D Diagnostic: (CE2D+3D)		○	○	○	○

Software/Connectivity
DICOM Services 3.4.6
Print
Query / Retrieve
Storage
Storage Commitment 2
Worklist / Management
IHE Profiles
Mammography Image
Patient Information Reconciliation
Scheduled Workflow 3.4.6

Additional Options

Workflow Management

- Advanced Workflow Manager server and license package
- Advanced Workflow Manager additional licenses

Workflow	Selenia Dimensions Packages				
	AVR-2D 3000	2D 6000	2D 9000	3D 6000	3D 9000
Working Environment					
Powered height adjustment	○	●	●	●	●
Powered memory height adjustment			●		●
Fingerprint user identification	○	○	●	○	●
Integrated barcode reader	○	○	●	○	●
Flat work surface	●	●	●	●	●
Stowable keyboard drawer	●	●	●	●	●
Left/right control position selection	●	●	●	●	●
Safety Features					
Emergency stop button	○	●	●	●	●
Emergency compression release button	●	●	●	●	●
System Control					
Keyboard and mouse 3.4.7	●	●	●	●	●
1.2 MP color LCD control monitor 3.4.5.2	●	●	●	●	●
LCD touch-screen control			●		●
Image Monitor					
2 MP medical-grade color LCD display 3.4.5.1	●	●		●	
3 MP medical-grade grayscale LCD display	○	○	●	○	●
Image monitor tilt and swivel	●	●	●	●	●
Dual-articulating swing-arm ▲	○	○	○	○	○
Left/right image monitor position selection	●	●	●	●	●
Radiation Protection					
Integrated leaded acrylic X-ray shield; H x W: 203 cm x 86 cm (80 in x 34 in)	●	●	●	●	●
Lead equivalence: 0.5 mm 3.4.9	●	●	●	●	●
Installation Flexibility *					
Mobile coach travel kit	○	○	○	○	○
Software Licenses *					
Advanced Connectivity License Package:					
MPPS License	○	○	●	○	●
Radiation Dose SR License					
Notices License	○	○	●	○	●
Diagnostic Imaging License	○	●	●	●	●
Dynamic Tube Head Motion License ■		●	●	●	●
Tomosynthesis Imaging License ■		○	○	●	●
C-View™ software license for Low-dose 3D MAMMOGRAPHY Imaging ■		○	○	○	○
I-View software license for Contrast Enhanced 2D Imaging ■**		○	○	○	○



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