

Digital Breast Tomosynthesis Mammography System

# HESTIA



GOOD  
DESIGN  
KOREA



Great comfort,  
Relaxed patients



 **GENORAY**

Provides exceptional breast care  
with comfort,  
high-efficiency & clarity

# HESTIA



## Premium FPD High-resolution mode in Tomosynthesis

- Improvements in cancer detection rate
- Simple cancer detection by scrolling through the focused slices
- Superior performance for dense breast tissue
- Better characterization of "benign" or "normal tissue"



HESTIA Console

# HESTIA

Provides exceptional breast care with comfort, high-efficiency & clarity

# HESTIA 3D



Tomosynthesis Mammography System

· 24x30cm (TFT)

Iso-centric Gantry

· 180°  
(+90°, -90°)

## CARE FOR LIFE AND PEOPLE

Genoray makes the invisible visible

Wide LCD Monitor

Operation Panel

- Tomosynthesis(3D) Mammography System
- Iso-centric Gantry
- Tomosynthesis FPD 24x30cm (TFT)
- 8.0kW HFG
- Well-designed Integrated HFG
- Tungsten(W) Target
- Low Dose & High-Quality Image
- Wide SID (660mm)
- Emergency Compression Release Button
- Automatic Sequential Positioning System
- Convenient Operating Controller
- 4-Button Foot Switch

Provides exceptional breast care with comfort, high-efficiency & clarity

# HESTIA 2D



## Digital Mammography System

- 17x24cm (CMOS)
- 24x30cm (TFT)

## Iso-centric Gantry

- 180° (+90°, -90°)

**CARE FOR LIFE AND PEOPLE**  
Genoray makes the invisible visible



8.0kW HFG



17x24cm FPD (CMOS)  
24x30cm FPD (TFT)



Well-designed Integrated HFG



Tungsten(W) Target



Low Dose & High-Quality Images



Wide SID (660mm)



Emergency Compression Release Button



Automatic Sequential Positioning System



Convenient Operating Controller



4-Button Foot Switch

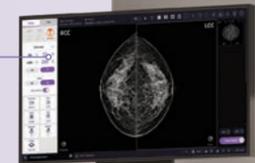


Audio and Visual Guide



Status of equipment shown by LED Lights

Wide LCD Monitor

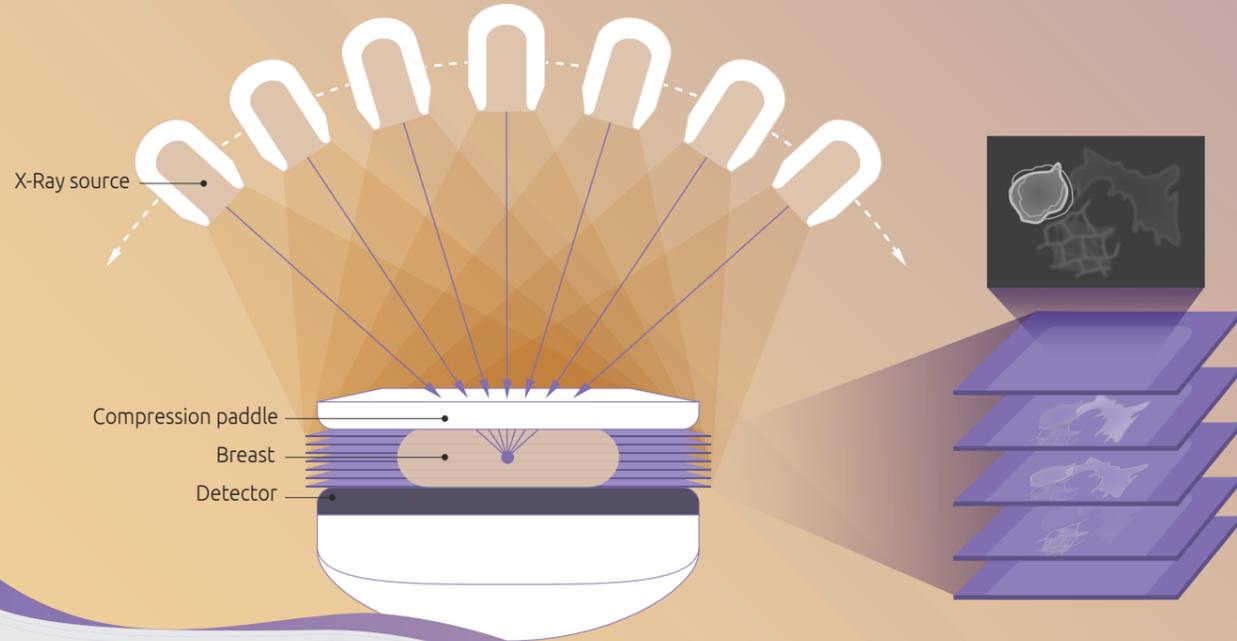


Operation Panel



## DBT (Digital Breast Tomosynthesis)

Digital Breast Tomosynthesis images with multiple low-dose X-ray exposures are obtained as the X-ray tube moves over angular range above the breast. These images are reconstructed into a quasi-three-dimensional breast volume.



## Upgradable Tomosynthesis

(\*Only for large(L) model)

- Genoray's self-developed DBT technology offers more accurate and efficient three-dimensional diagnosis.
- DBT function can be installed without additional installation or replacement of system.



Upgradable Tomosynthesis Without changing the equipment



## All-round & Patient-center Care

### Audio / Visual Guide

Audio guide and visual indicator continuously inform patient of the real-time status of HESTIA.

### Soft Compression System

HESTIA'S ergonomically designed gantry provides soft compression to minimize patient's burden.

### Compression Release Button

Compression release button guarantees safety of HESTIA in any emergency situation.

### LED Status Indicator

LED light glowing on the side body shows the real-time status of HESTIA.



## User-friendly Operation



Emergency switch is applied to the control panel to secure the safety of the patient

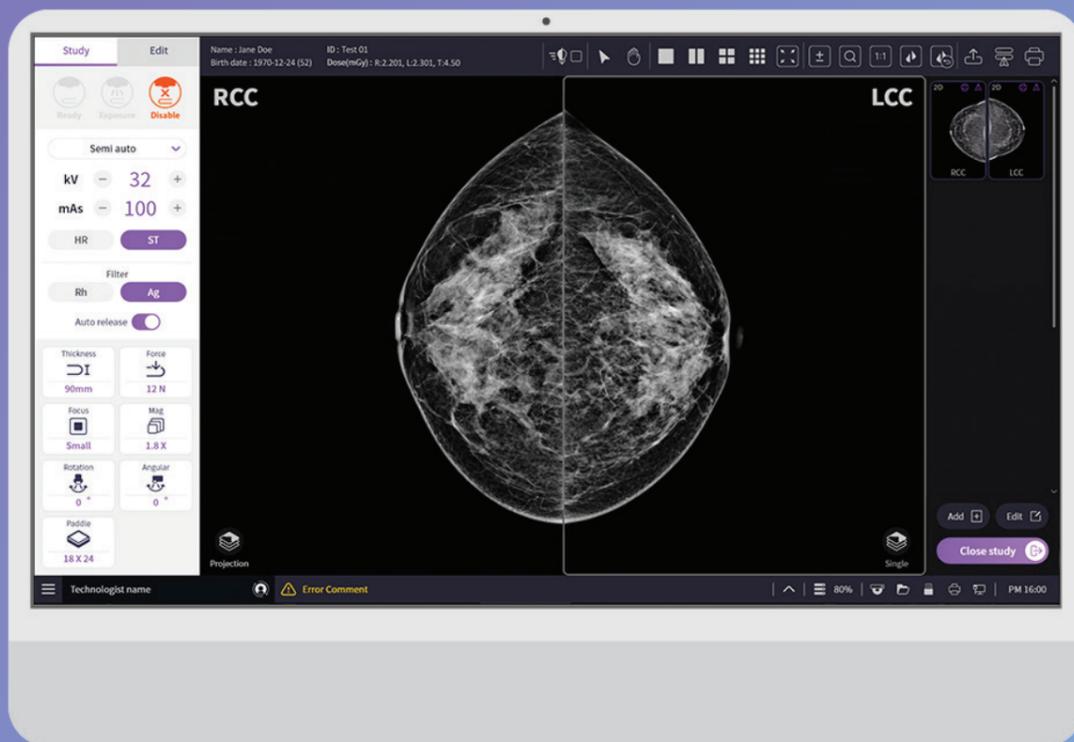


Designed to improve intuition and visibility of foot switch for breast compression and gantry Up / Down

## New Mammography Console Software

# VENUS

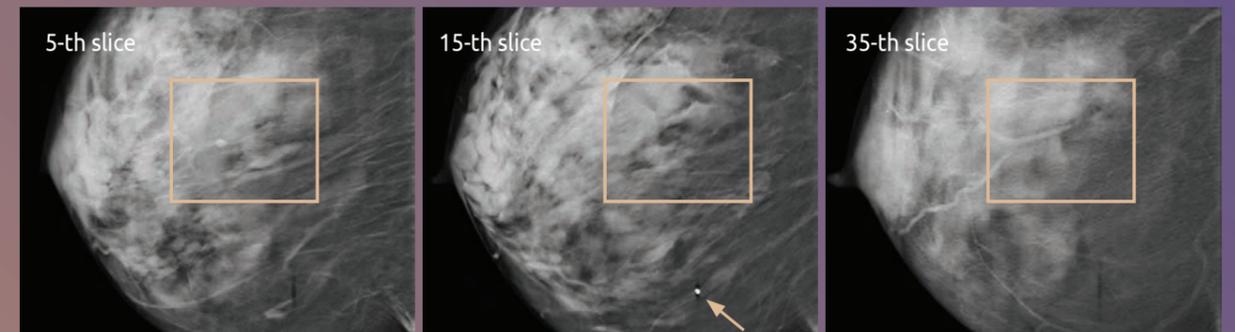
Extremely fast saving and transferring images for quick access and optimized workflow



- Customized and dedicated acquisition workstation
- Perfect PACS accessibility with full DICOM capability
- Simple ICON and Auto calibration mode

## Tomosynthesis

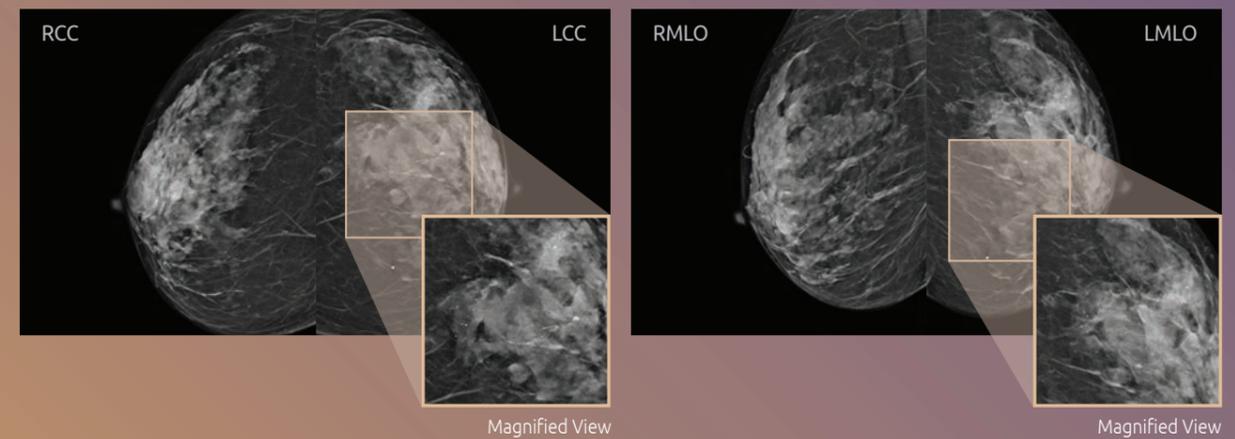
High-Quality images are obtained from diverse angles for improved and efficient diagnose quality.



<Tomosynthesis Mammography Image>

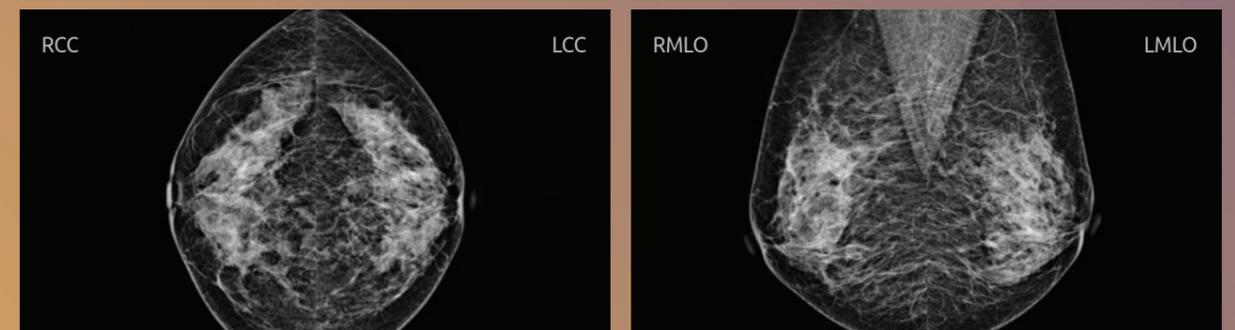
## Tomosynthesis clinical images

Obtains High-Quality images with Genoray's DBT technology



## 2D clinical images

Providing excellent diagnostic images through accumulated experience





### GENORAY Co.,Ltd.

512, 560, Dunchon-daero, Jungwon-gu,  
Seongnam-si, Gyeonggi-do, 13230, Korea  
Tel. +82-31-5178-5500 Fax. +82-31-5178-5599  
genoray@genoray.com  
www.genoray.com

### Genoray America Inc.

147 E. Bristol Lane Orange, CA 92865 USA  
Tel. +1-855-436-6729 Fax. +1-714-786-8919  
inquiry@genorayamerica.com  
www.genorayamerica.com

### Genoray EU GmbH

Westhafenstr. 1 13353 Berlin, Germany  
Tel. +49-30-509-694-98 Fax. +49-30-530-198-08  
info@genorayeuropa.com

### Genoray Japan

2F Ishibashi-Bldg, 1-4-15 Shinyokohama, Kouhoku-ku,  
Yokohama-city, kanagawa, 222-0033 Japan  
Tel. + 81-45-620-4971 Fax. +81-45-620-4972  
Info@genorayjapan.co.jp  
www.genorayjapan.co.jp

---

\* This X-ray unit may be dangerous to patient and operator unless safe exposure factors and operating instructions are observed.

© GENORAY CO.,LTD. Ver. 2021-11

Comparable exterior design to advanced global brand  
with high quality of made in Korea brand

