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**Ярославль** (4852)69-52-93

**Россия** +7(495)268-04-70

**Казахстан** +7(7172)727-132

**Киргизия** +996(312)96-26-47

<https://genoray.nt-rt.ru> || [gye@nt-rt.ru](mailto:gye@nt-rt.ru)

## Цифровые маммографы томосинтеза NESTIA. Описание.

## Digital Breast Tomosynthesis Mammography

# HESTIA

- Tomosynthesis(3D)  
Mammography System
- Iso-centric Gantry
- Tomosynthesis FPD  
24x30cm(TFT)
- 8.0kW HFG
- Tungsten(W)  
Target
- Low Dose &  
High-Quality Image
- Wide SID  
(660mm)
- Automatic Sequential  
Positioning System

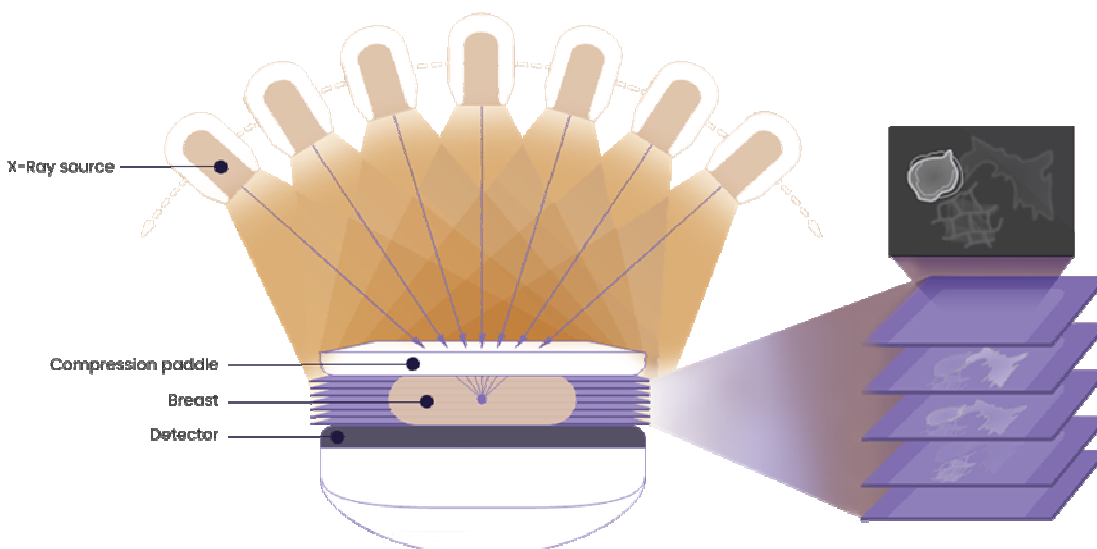
### DBT (Digital Breast Tomosynthesis)

The X-ray tube moves on the breast and takes high-definition, high-resolution images with high contrast from various angles.

The images are reconstructed in 3D to provide accurate information about the location and condition of the lesion.

#### Synthesized 2D

HESTIA supports "Synthetic 2D" that generates 2D images only by tomography shooting without additional 2D shooting.



## **PATIENT CENTERED CARE**



### **VOICE / VISUAL GUIDE**

HESTIA tells patient the current status of diagnosis by voice guide and instruction screen.

### **SMART COMPRESSION CONTROL**

Smart Compression Control minimizes patient's pain and supports sturdy breast compression.

### **AUTOMATIC DECOMPRESSION**

For the patient's safety, HESTIA supports automatic decompression.

### **LED STATUS INDICATOR**

HESTIA's LED lights gives its status in color to the operator in real time.

### **USER FRIENDLY OPERATION**

For the patient's safety, there is "Emergency Stop Switch" on the operation panel.



## 4-BUTTON FOOT SWITCH

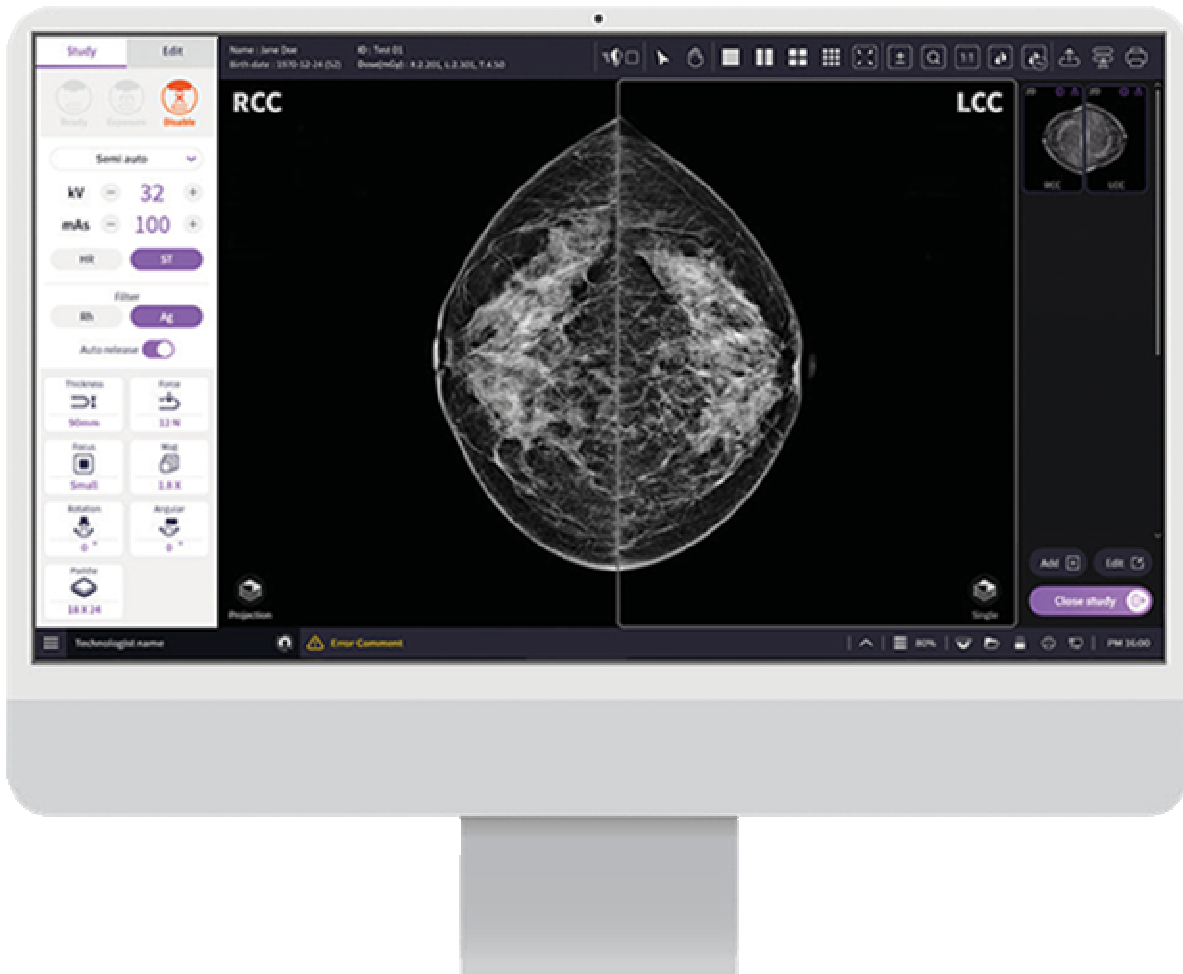
HESITA is designed to allow for intuitive breast compression and up-and-down movement of the gantry.



## UPGRADABLE

### Upgrading from 2D to Tomosynthesis

The L (Large) type that could only take 2D pictures can be upgraded into the T (Tomo) type that can also take 3D shots, It can be done with a simple software installation without additional H/W installation or system replacement.



## DEDICATED SOFTWARE

### Dedicated Console Software "VENUS"

- Powerful viewer optimized for Mammography's clinical workflow
- Optimized image Acquisition & processing Workstation for HESTIA
- Supports DICOM 3.0 and realizes PACS linkage
- For the operator's convenience, HESTIA adopted Intuitive, highly visible user interface

## CLINICAL IMAGES

GENORAY's know-how that was accumulated for a long time gives the best diagnostic images.

Item name : X-ray device for digital mammography| Deliberation approval number : Union-2022-45-024| Valid period : 2022-12-06 ~ 2025-12-05

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