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Jan 22 2021
STATE HEALTH PLANNING AND DEVELOPMENT AGENCY

State Health Planning and Development Agency

Mailing address: Post Office Box 303025, Montgomery, Alabama 36130-3025
Street address: 100 North Union Street, Suite 870, Montgomery, Alabama 36104

Request # EQR2021-003
Date Rec. _____
Received by: _____

REQUEST FOR DETERMINATION OF EXEMPTION STATUS FOR REPLACEMENT OF EXISTING EQUIPMENT

$677.49 tml

A filing fee in the amount of ~~$846.87~~ has been submitted with this application.

REQUESTER IDENTIFICATION (Check One) HOSPITAL (XX) NURSING HOME (___)
OTHER (___) (Specify) _____

A. Community Hospital of Andalusia d/b/a Andalusia Health
Name of requester

849 S Three Notch Street | Andalusia | Covington
Address | City | County

Alabama | 36420 | (334) 428-7000
State | Zip | Phone

B. _____
Name of Facility/Organization (if different from A)

_____
Address | City | County

_____
State | Zip | Phone

C. _____
Name of Legal Owner (if different from A or B)

_____
Address | City | County

_____
State | Zip | Phone

D. Clint Kendall, CEO
Name and Title of Person Representing Proposal and With Whom SHPDA Should Communicate

849 S. Three Notch Street | Andalusia | Covington
Address | City | County

Alabama | 36420 | (334) 428-7000
State | Zip | Phone

DESCRIPTION OF EQUIPMENT TO BE REPLACED **DESCRIPTION OF PROPOSED NEW EQUIPMENT**

A. **Manufacturer:** GE Healthcare

Serial # 777855BU8

B. **Model:** 5582323

C. **Name of equipment:** Senographe Pristina digital full field mammography system

D. **Fair market value of equipment at present:** N/A

E. **Cost of equipment (include written price quote):** 338,746.30

F. **Describe use of current equipment:**
The current equipment has been used to perform 2D mammography images on adult patients.

Describe use of proposed equipment:
The proposed equipment will be used to perform 3D mammography images on adult patients.

G. **List any attachments or additional procedures associated with this equipment that could not be performed by old equipment:**
The proposed equipment will not be able to perform any additional procedures from what the current equipment can perform.

H. **Can any procedures be performed with the proposed new equipment that cannot be performed with the replaced equipment? If yes, describe in detail:**
The proposed equipment will not be able to perform any additional procedures from what the current equipment can perform.

I. **Location of existing equipment (include room #):**
The existing equipment has been located on the first floor of Andalusia Health. More specifically, the equipment has been in the Mammography room in the Imaging Department.

J. **List specially trained or qualified personnel necessary for operation of equipment:**
Mammography Technicians are trained to operate this equipment.

K. **What use will be made of old equipment when replaced?**
(Trade in on new equipment, used as back up, save for parts, etc.)
The old equipment will be a trade in on the new equipment

L. **List job titles of any additional personnel that will be required to operate the new equipment.**
N/A

M. **Describe any renovation or new construction that will be necessary for the installation of the replacement equipment and cost.**
For the installation of the replacement equipment, minor alterations will need to occur. The alternations include: adding a sink and wall, replacing flooring, and electrical work. The renovation cost should not exceed $50,000.

N. **Describe any new annual operating cost associated with this project such as maintenance contracts, salaries of new employees hired due to equipment, etc.**
There should not be any new annual operating costs associated with this replacement.

III. COST

A.	Equipment costs (Costs have to be supported by price quote on manufacturer's stationery or letterhead.) Cost of equipment only; do not list lease cost.	$339,346.30
B.	Less trade-in of old equipment	$600.00
C.	Total cost of equipment	$338,746.30

Calculation of fee for this determination:
Multiply dollar amount in III.C. (total cost of equipment) times 1% (the application fee for a Certificate of Need); 20% of this amount is the application fee for non-rural hospitals.
For rural hospitals, the application fee is 25% of the application fee as calculated above for non-rural hospitals. $846.87

Include manufacturer's literature on old equipment, if available, and on the new equipment.

Include any other information pertinent to the determination. See Attached

The Executive Director may request any other information which is relevant to his decision.

IV. CERTIFICATION

I certify that the information provided herein is true and correct and that there is no additional information which would be pertinent to this application which has not been provided. Further, I understand that any misrepresentation on this application or failure to include relevant information may void any favorable determination secured by such misrepresentation or omission.

1/6/2021
Signature of Applicant

Clint Kendall CEO
Applicant's Name and Title
(Type or Print)

Sworn to and subscribed before me this
6th day of January, 20 21.

Katrina Fowler
Notary Public (affix seal on original)
My commission expires 5/30/2022

INVOICE NO.	INV. DATE	GROSS AMOUNT	DISCOUNT AMOUNT	NET AMOUNT
* DIRECT ALL INQUIRIES TO:				
* ANDALUSIA HEALTH				
* 849 S THREE NOTCH STREET				
* ANDALUSIA, AL 36420				
* (334) 222-8466				
*				
* FOR PAYEE:				
* STATE HEALTH PLANNING AND				
* POST OFFICE BOX 303025				
* ATTN. DEVELOPMENT				
*				
*				
The Deficit Reduction Act of 2005 requires certain entities to implement policies related to fraud and abuse in healthcare. These policies are available in hospital administrative offices for your review.				
*				
* ID 05356-836057 SR *SPECIAL HANDLING*				
101062021	01/06/21	846.87	0.00	846.87
** SMART VOUCHER 2101183963. USERID LAWSON .				
Low dose CT scan reporting Invoice # NRDR11278520				
2110199 CorpID# 112785 Name: Andalusia Health				

INVOICE NO.	INV. DATE	GROSS AMOUNT	DISCOUNT AMOUNT	NET AMOUNT

D-715-1 1/19

1/11/2021 PAGE 01 OF 01 2232 BANK NO. WF SP

CHECK AMT. $********846.87 CHECK NO. 01944127

VERIFY THE AUTHENTICITY OF THIS MULTI-TONE SECURITY DOCUMENT. CHECK BACKGROUND AREA CHANGES COLOR GRADUALLY FROM TOP TO BOTTOM.

THIS CHECK CLEARS POSITIVE PAY

ANDALUSIA HEALTH
849 S THREE NOTCH STREET
ANDALUSIA, AL 36420
(334) 222-8466

011464 0112 1 000071 000531 004/004 532-535 BIN:000000

WF 05356 836057
WELLS FARGO
SAN FRANCISCO, CA

01944127

66-156
531

DATE 1/11/2021

$********846.87

PAY EIGHT HUNDRED FORTY-SIX DOLLARS AND 87/100

TO THE ORDER OF:

STATE HEALTH PLANNING AND
POST OFFICE BOX 303025
ATTN. DEVELOPMENT
MONGTOMERY, AL 36130-3025

J. Michael Harris
Christopher J. Montes

SIGNATURE HAS A COLORED BACKGROUND • BORDER CONTAINS MICROPRINTI

⑈01944127⑈ ⑆053101561⑆ 80181676611⑈

Senographe Pristina

GE imagination at work

The Senographe* Pristina is a full field digital mammography system designed to offer an extensive breast care solution with screening and diagnostic capabilities, focused on an ergonomic design for the technologist and patient comfort.

Senographe Pristina features a 24 x 29 cm detector, designed to offer full breast coverage in a single image. Smaller breasts can also be imaged in any view with paddles that can slide to both sides of the detector.

The Senographe Pristina does not require daily calibration.

Ergonomics for technologists

- Re-imagined user interface
- Park Positioning during patient positioning
- One touch access to preset rotation for positioning
- Variable speed motorized gantry movements
- Sliding compression paddles can move to the side of the detector for compression

Ergonomics and design for patient comfort

- Designed for Patient comfort
- Wheelchair access, MITA compliant
- Thinner Bucky than previous platform
- Rounded edges detector for patient comfort

Image quality

- Automatic Optimization of Parameters (AOP), selects all exposure parameters based on breast radiological properties
- Three AOP modes + 1 Automatic mode for implants
- eContrast is an image processing feature that makes automatic adjustments of brightness and contrast
- DQE at IEC 62220-2-3 equivalent spectrum, at 75µGy: 70% (+/-3) at 0.5lp/mm and 64% (+/-3) at 2lp/mm

Smooth digital workflow connectivity

- Automated Quality Control
- Integrated Repeat and Reject Analysis

Technical Specifications

Detector

- Detector ready to use right after system boot
- Detector size: 24 x 29 cm
- Pixel size (pitch): 100 µm
- Acquisition dynamic range: 14 bits
- Bucky front cover thickness: 49mm
- Optimized room for positioning due to the bucky depth: 470mm
- Image size:
  - LFOV image size - approx. 13 MB per image
  - Regular image size - approx. 9 MB per image
- Patented needle structure CsI scintillator, single piece construction
- Breast support with rounded edge
- Air cooling

Tube technology

- X-Ray tube type: Artemis
- Anode target materials - Dual track: Molybdenum (Mo) enriched with Vanadium, and Rhodium (Rh)
- Four focal spots: 0.1 and 0.3 IEC on each target
- Target angle: 0 degree
- Maximal high voltage: 49 kV
- Tube current:
  - Molybdenum target:
    - 100 mA from 25 to 30 kV on large focal spot
    - 40 mA from 25 to 30 kV on small focal spot
  - Rhodium target:
    - 62 mA from 25 to 30 kV on large focal spot
    - 35 mA from 25 to 30 kV on small focal spot
- Anode size (tracks diameter): 100 mm
- Anode heat storage capacity: 250kJ (340 kHU)
- Anode maximum dissipation: 500 W (40 kHU/min)
- Max casing continuous dissipation: 150 W (12 kHU/min) at 40 °C
- Permanent filtration: 0.69 mm Beryllium
- Weight: 7 kg
- X-ray tube assembly: self-encased X-ray tube, oil-free, lead-free, air-cooled head
- Tube protection: software monitoring of tube load

Grid/breast support

- Universal grid compatible with 2D Conventional Mammography and DBT
- Ergonomic breast support designed for patient comfort and cleanability
- Motorized lock of the grid and breast support
- Breast support material: carbon fiber composite
- Optimized grid motion ensuring no grid structure visible in the image
- Detector to breast support edge-to-edge distance ≤ 5 mm

Automatic exposure

Automatic Optimization of Parameters (AOP)
Fully automatic mode

• AOP is an automatic exposure system that selects all exposure parameters based on radiological density of the breast:
  - track (Mo or Rh)
  - filter (Mo or Ag)
  - kV
  - mAs
• The system identifies the densest part of the breast to select the appropriate exposure parameters
• Three AOP modes are available:
  – "Standard + ": dose to patient comparable to screen/film Mammography
  – "Dose -": priority is given to dose reduction
  – "Standard": balances low noise and dose reduction
• Automatic acquisition mode for implants

Manual mode

• Manual selection of all parameters: track, filter, kV and mAs

Collimator

• Filters: Molybdenum: 0.030 mm; Silver: 0.030 mm
• Field of View (FOV) in detector plane, in cm:
  – For standard contact views: 24 x 29 maximum FOV or 19 x 23 regular FOV, automatic adjustment depending on paddle used, breast support and gantry rotation angle
• Field of View (FOV) selection: automatic and manual
• FOV size: selected automatically based on the paddle or geometric magnification platform used, can be modified manually by using the collimation size switch on the tube head
• FOV location (left, right, center): selected automatically based on the tube arm angle, can be modified manually by using the collimation position switch on the tube head
• Compression and exposure are prevented if the FOV and compression paddle sizes or locations are not consistent
• Light centering device: a light automatically switches on when a preset position is reached, at compression start or at paddle insertion; can be turned on with the collimation switches buttons located on the tube head or on the acquisition console

Compression

• Compression modes:
  – Motor driven compression up to 20 daN
  – Manual compression up to 27 daN
• Dual foot-pedals for column height and compression adjustments
• User defined motorized compression force limit: 4 to 20 daN
• Min force for AOP: 3 daN
• Compression speed: 3 speed levels
• Selectable automatic decompression after exposure, to minimize patient time under compression

Patient Assisted Compression (PAC)

***Commercialized as Pristina Dueta in some countries**

• Wireless and ergonomic-designed device that allows the patient to continue the compression after the technologist has positioned correctly and reached a threshold of compression
• Designed to minimize patients' perceived pain and discomfort
• PAC's speed profile is similar to the technologist-controlled one
• It is always possible for the technologist to take compression control even if the patient has started to use the device
• PAC is inhibited during acquisition, the patient cannot interfere with the examination

Positioner

• Isocentric arm with motorized rotation and vertical movement
• Source to image receptor distance: 660 mm
• Floor to image receptor distance: from 65 cm to 150 cm
• Rotation angle: -180/+180 degrees
• Ergonomic hand-rest: one at each side of the tube arm and two additional behind

Safety features

• Gantry motions locked when compression force applied

User interface

• Four sets of single speed switches for rotation, angulation and lift movements, with an accelerating speed profile
• Four sets of preset position switches for positioning in CC and MLO
• Automatic stop at +/- 90 degrees for lateral positions
• Collimation buttons on the tube head for field of view size and location
• Parameters display
  – Tube arm support rotation angle
  – Compressed breast thickness (in mm)
  – Compression force (in daN)
• Ergonomic control console
  – Controls exposure
  – Provides information on system status
  – Gives access to advanced parameters for system set-up
• Patented automatic view names marking based on breast laterality
• View name can be edited while the exam is performed

Acquisition workstation

• Time to display processed image (average): 10 seconds
• Time between exposures (typical): 12 seconds
• Dose calculated and displayed on the image after every exposure (Entrance Skin Dose and Average Glandular Dose)
• Quad core Intel i5 workstation:
  – Memory: 32GB
  – Hard disk: 1 internal 250GB disk for the system
  – Hard disk: 1TB for image storage
  – Ports: 4 Gigabit Ethernet port
  – DVI Display and port connector

• Type of display available

  – 3MP monitor display:
    • High performance color IPS 3MP monitor
    • 54cm (21.2")
    • 2048 x 1536 pixels (landscape)
    • Brightness: 1000 Cd/m^2
    • Contrast ratio: 1400:1
    • Viewing angle: 170 degrees
    • Mounted on a rotating arm for in-room access
• Image Presentation
  eContrast allows you to choose among 6 levels to better adapt to breast morphology and radiologist display preferences:
  – eContrast 1 provides a "film-like" aspect with improved visibility of the skin line
  – eContrast 2 to 4 provide increasing steps of image sharpness and contrast
  – eContrast 5 provides a high level of sharpness and contrast, with a very high level of tissue penetration
  – eContrast 6 is adapted to very dense breast or implants
  – Automatic windowing (window level and window width)
  – Other features: zoom, roaming, inversion, flip, rotation of images, window width and level setting, annotations and measurements
• In case of power failure, an Uninterruptible Power Supply (UPS) allows to close the examination without loss of information

Connectivity

• DICOM** 3.0 platform:
  – Modality Worklist User
  – Storage Provider
  – Storage Commitment User
  – Query/Retrieve User
  – Basic Grayscale Print User
  – Verification Provider
  – DICOM-compliant CD, DVD-R/-RW and USB Data Interchange
• Connectivity features: customizable Autopush to multiple DICOM databases, Autoprint, Autodelete based on Storage Commitment
• Modality Perform Procedure Step User
• Connectivity to GE Service for remote diagnostic capability
• IHE Profiles: Scheduled workflow, Mammography image, Tomosynthesis profile, Portable data for imaging, Consistent time integration

Quality assurance

• Complete quality control program
• Automation of quality control tests: Flat Field, MTF, AOP, SNR
• Test history and results can be reviewed
• Data can be exported for data tracking
• Automated Repeat and Reject Analysis

Radiation shield

• Choice between two radiation shields:
  – Integrated to the control console
  – Standalone

High voltage generator

• Generator Integrated into the gantry for room saving
• Generator type: high frequency single-phase power supply
• Ripple: < 4% from peak to peak
• Power: 5 kW max
• Generator max rating:
  • 2 to 600 mAs (depending on track, filter and kV)
  • 22 to 49 kV, in 1 kV steps depending on track
• Generator protection: software monitoring tube load

Standard configuration

• Motorized isocentric gantry
• X-ray tube with rotating Mo/Rh anode
• 24 x 29 cm flat panel detector
• Acquisition workstation
  – CD, DVD-R/-RW
  – 3MP display
  – Control console
  – UPS
• Pair of dual foot-pedals
• Standard Face shield
• 24 x 29 cm bucky with grid
• 24 x 29 cm paddle
• 19 x 23 cm sliding paddle
• 1.5 and 1.8 magnification stands
• Quality control toolkit
• User manual and technical documentation

Options

- Additional 24 x 29 cm paddle
- Additional 19 x 23 cm sliding paddle
- 24 x 29 cm Flexible compression paddle
- 19 x 23 cm Flexible & sliding compression paddle
- 10x23 Sliding Implant/Small breast compression paddle
- Square spot sliding compression paddle
- Round spot sliding paddle
- 2D Localization 19x23 Swiss Cheese sliding compression paddle
- 2D Localization 19x23 sliding standard compression paddle
- 2D crosshair device
- X-Ray protective shield
- Bar code reader
- Printers compatibility: AGFA DRYSTAR AXYS
- Upgradable to Senographe Pristina 3D

Senographe Pristina 3D

Senographe Pristina 3D is a three-dimensional imaging technology that uses a low dose short X-ray sweep around a compressed breast. The acquired projection images are processed electronically in order to reconstruct a 3D representation of the entire breast. This imaging technique is designed to separate the tissues and to reduce the overlapping of structures, which represents a limiting factor in standard 2D mammography.

The 3D option is available for the Senographe Pristina platform that generates 3D and 2D images.

Senographe Pristina 3D Technology

- Sweep angle is 25° with 9 projections at any rotation angle between -160°/+160°
- The "Step and Shoot" tube motion stops for each exposure to avoid image blur
- Mo and Rh tube tracks create narrow x-ray spectra, exactly where the dose efficiency is for thin (Mo) and medium and thick breasts (Rh)
- Detector: 100 microns with no binning, high DQE in 3D mode (IEC 62220-2-3, equivalent spectrum at 5µGy): 65% (+/-2) at 0.5lp/mm and 57% (+/-2) at 2lp/mm
- Automatic reconstruction of the images by using **ASIR** DBT iterative algorithms
- The dose of a DBT (Digital Breast Tomosynthesis) view is designed to be equivalent to the dose of a 2D standard acquisition of the same view
- Capability to reconstruct 0.5mm or 1mm distance between tomo-planes

System Power supply

- Input frequency: 50Hz/60Hz
- Input voltage: single-phase 200-240 V~
- EATON UPS 5P650 650VA

System Weight

- Gantry: 420 kg
- Control Station without monitors: 160 kg

Environmental conditions

- Temperature range: 15° to 30°C
- Humidity range: 10% to 80%
- Atmospheric pressure range: 70 kPa to 106kPa (0 to 3000m altitude)

Screening Protocol

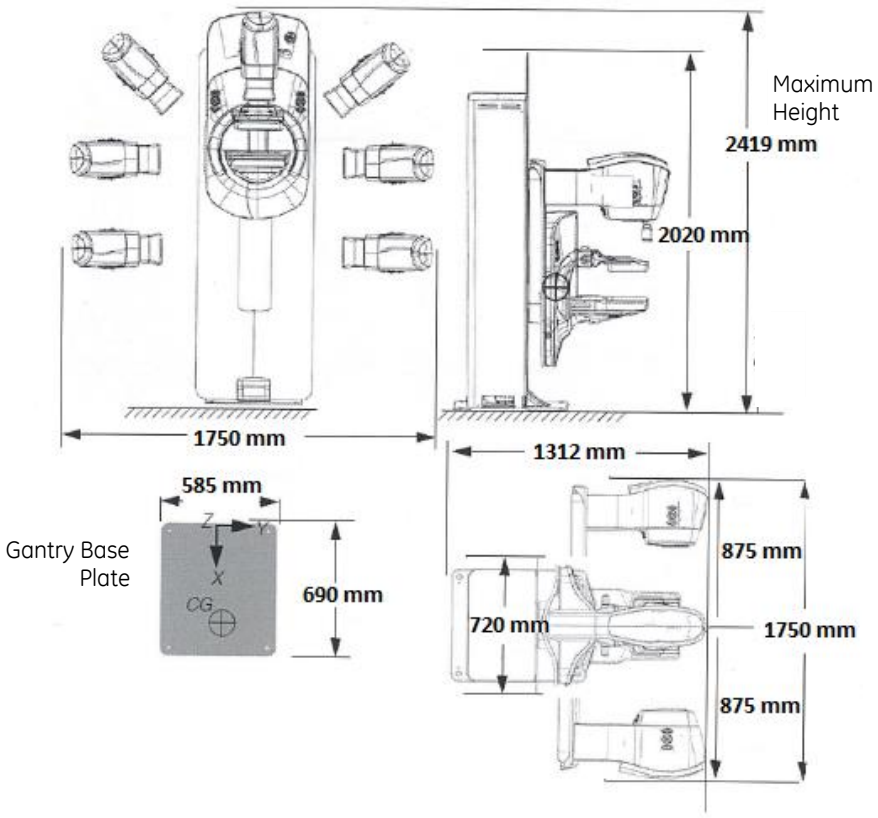
For reference, in the US a DBT screening examination may consist of one of the following combinations (CC: craniocaudal, MLO: mediolateral oblique):
- a 2D CC view and a 3D DBT MLO view, or
- a 3D DBT image set consisting of CC and MLO views, and a 2D synthesized image set consisting of CC and MLO V-Preview images.

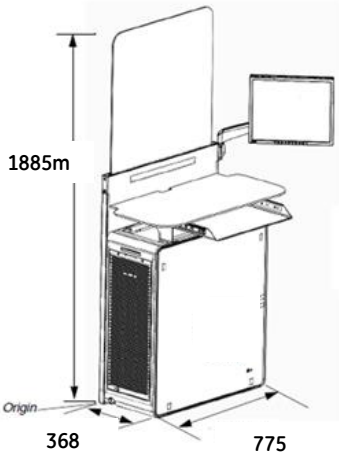
V-Preview is the 2D synthesized image generated by GE SenoIris mammography software from GE DBT images.

Workflow Options

The Senographe Pristina is compatible with iCAD PowerLook 2D CAD and iCAD PowerLookPRO 3D CAD

Senographe Pristina





NOTE:
- Weights and dimensions may vary slightly depending on equipment configuration.

Senographe Pristina it is not available in all countries.
Please refer to your GE Healthcare sales representative.

GE Healthcare
Chalfont St. Giles,
Buckinghamshire,
UK
www.gehealthcare.com

GE imagination at work

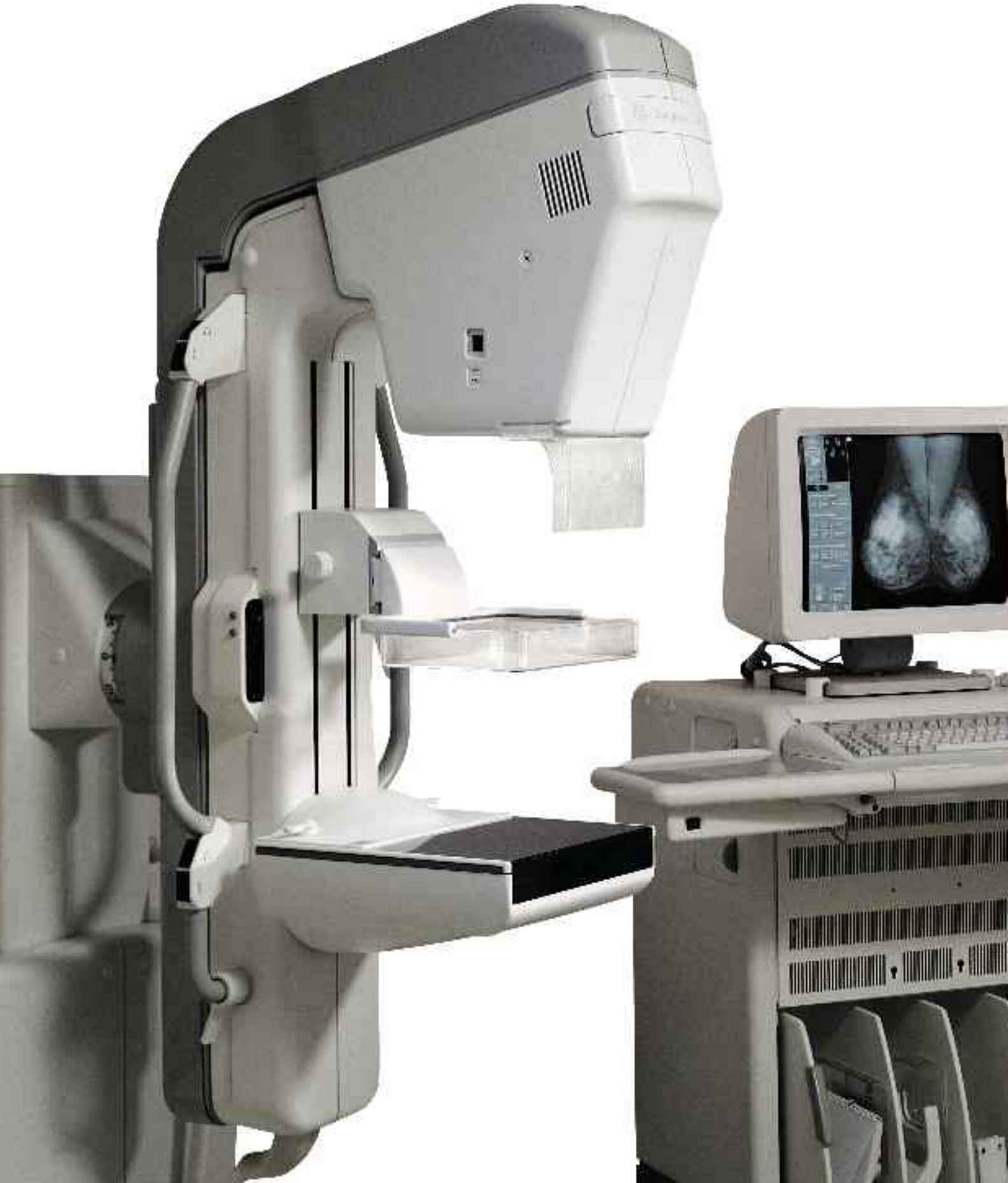
Data subject to change.
Marketing Communications GE Medical Systems
Société en Commandite Simple au capital de 85.418.040 Euros
283, rue de la Minière, 78530 Buc France
RCS Versailles B 315 013 359
A General Electric company, doing business as GE Healthcare

UK: 0800 0329201
Germany: 0800 1890461
Austria: 0800 291888
Italy: 0800 786947
Spain: 0900 993620
France: 0800 908719
Switzerland
German: 0800 837279
French: 0800 837279

GE Healthcare

Senographe 2000D

Full-field digital mammography system



Digital has arrived.

The Senographe® 2000D Full-Field Digital Mammography (FFDM) system gives you a unique competitive advantage. That's because it arms you with a revolutionary combination of capabilities that change breastcare forever.

For the clinician, it allows new efficiencies and better care. For the administrator, it provides the competitive edge in the fight for patient volume. And for the patient, its accuracy and speed bring peace of mind.

Speed and efficiency

- Virtually instantaneous review
- Reduced exam times
- Networking and archiving capabilities
- One-view visualization of all areas of the breast, despite varying density
- Customizable viewing protocols for each physician

Reliability of information

- Stable, reproducible image quality over time
- No more original films to lose

Improved patient care

- Reduced call backs – image can be manipulated to enhance over-exposure
- Better tissue visibility at skin line than film
- Lower dose in dense breast tissue than film

Simplified by digital.

Like conventional mammographic exams, the full-field digital mammogram begins with the exposure – acquired on the Senographe 2000D's intuitive gantry, designed for comfort and convenience.

- Soft colors and a slim profile help relieve patient anxiety.
- A streamlined tube head, face shield and the slim Revolution™ digital detector facilitate ease of positioning.
- AutoCell eliminates the need for photocell placement by using individual pixels to automatically determine the densest portion of the breast early in the exposure.
- AutoMark automatically marks the image with the appropriate anatomical position marker.

A Revolution in digital detectors.

The Senographe 2000D's breakthrough Revolution digital detector – the industry's only single-piece, flat panel, amorphous silicon detector – is specifically designed for image quality and reliability.

The product of an 11-year investment by GE, this revolutionary panel offers industry-leading Detective Quantum Efficiency, or DQE – today's standard measurement of image quality in digital X-ray. With a DQE higher than traditional film/screen combinations, the Revolution detector offers outstanding object detectability, even on low-contrast objects, at low dose.

Thanks to the detector's thin profile, there's no need to compromise on traditional positioning techniques. In the CC view, for example, you can easily image the posterior breast tissue. In the medio lateral oblique, the infra mammary fold can be easily imaged.

The Revolution detector's single-piece structure ensures that no information is lost, as can happen in tiled systems. So it delivers full image quality without the risk of artifacts, while ensuring exceptional reliability.

Each Revolution detector is manufactured with the highest quality methods to Six Sigma standards – all under one roof to ensure total quality control over the entire manufacturing process.

Delivering exceptional image quality as it streamlines workflow.

The Senographe 2000D delivers exceptional image quality, easily and intuitively.

It also streamlines the radiological process from the first patient contact through the delivery of results. Immediate image review potentially reduces exam time in high-throughput facilities, leaving more time for patients and diagnosis.

So you can optimize your department workflow. Take full advantage of digital imaging speed. And consolidate exam rooms or replace film processing rooms.

Facilitate better

Enhanced dose management

The Senographe 2000D features GE's exclusive, patented bi-metal mammography tube, with a rhodium anode track and filter for superior penetration of dense breast tissues. Rhodium's higher X-ray spectrum provides the Revolution detector with all the signal it needs at lower than usual radiation doses for dense breast tissue. A unique Inner Focusing Cone also minimizes extra-focal radiation for consistently excellent image quality.

Fast, consistent results

Our exclusive Automatic Optimization of Parameters (AOP) program utilizes the Revolution detector's fast readout capability. A unique algorithm automatically determines the optimum breast tissue parameters for consistent results.

Optimized image clarity and magnification

The Senographe 2000D's grid system virtually eliminates scatter after penetration, maintaining signal integrity for maximum image quality. Utilizing AOP, the grid motion is timed to a single pass for each exposure to optimize grid motion for each patient. The easily removed grid allows for a true geometric magnification.

Automation for greater efficiency

In approximately 10 seconds after an exposure, the image is displayed on a 1K-x-1K Acquisition Workstation monitor to quickly verify correct positioning.

Automatic background archiving of up to 1500 images online minimizes interruptions. At the exam's completion, images are sent automatically to the Review Workstation, the archive system and the printer for greater efficiency.

patient care.

A customizable review workstation that's integrated and easy to use

On the Senographe 2000D Review Workstation, two high-resolution 2K x 2.5K monitors display the entire breast at full resolution.

This uniquely designed user interface simulates the way films are read today. Its image-enhancing tools do things never before possible on film.* Up to 1500 images can be stored online for immediate review, with prints available via a laser printer.

Patented GE Tissue Equalization software optimizes demonstration of both the skin line and dense glandular tissue in a single view – not possible on traditional analog film systems. For optimum display, Auto Contrast algorithms calculate each image's brightness and contrast values. Pre-sets and manual modes make viewing easy.

Designed for DICOM

What's more, the Senographe 2000D Review Workstation can be interfaced anywhere on a DICOM network. An exam of four images can be sent to the Review Workstation every minute. A study can be read promptly, any further views ordered immediately and results delivered quickly to minimize patient waiting. Final images can also be easily sent to surgery for procedural planning or to a specialist for a second opinion.

The entire system is integrated to provide mass, long-term image storage, easy retrieval and networking. Additional archiving is possible on the hospital PACS system or optional dedicated archive system utilizing CDs or DLT.

* Final interpretations of examinations are done on hard copy film images produced by GE recommended laser cameras.

Connecting mammography

Designed specifically for mammography on GE's proven Advantage Windows computer platform, the Senographe 2000D takes advantage of the latest GE developments in processing, connectivity and networking:

- Review of mammography exam results anywhere over a DICOM network
- Mass archiving on DICOM PACS or image archive systems
- Unlimited image printing on high-resolution laser cameras
- Image communication flexibility through interchange media (CD-R)
- Retrieval of patient information from any HIS/RIS DICOM-compliant system through the DICOM Modality Worklist
- Telemammography and much more

to tomorrow.

The Senographe 2000D lets you maintain your long-established work habits. It simulates conventional film-manipulation techniques through an advanced digital toolkit that simplifies analysis and improves image detail.

One-touch keypad

At the touch of a button, the Senographe 2000D Review Workstation offers you:

- Automatic image processing
- Electronic magnifying glass
- Zoom and roam
- Image inversion
- Flip and rotate
- Text annotations and graphics
- Measurements
- Contrast and brightness controls

Accommodating individual preferences

Since no two physicians share precisely the same viewing preferences, the Senographe 2000D Review Workstation lets users customize image display and review. You can define your preferred parameters by variables such as:

- Display format
- Filter for selected list of patient exams
- Sorter for classification of patient exams
- Annotation settings
- Auto-transfer settings

Changing breastcare forever.

Your platform for advanced applications

With its low-noise image quality and speedy acquisition, the Senographe 2000D sets the stage for future advanced applications in digital mammography when they become available.

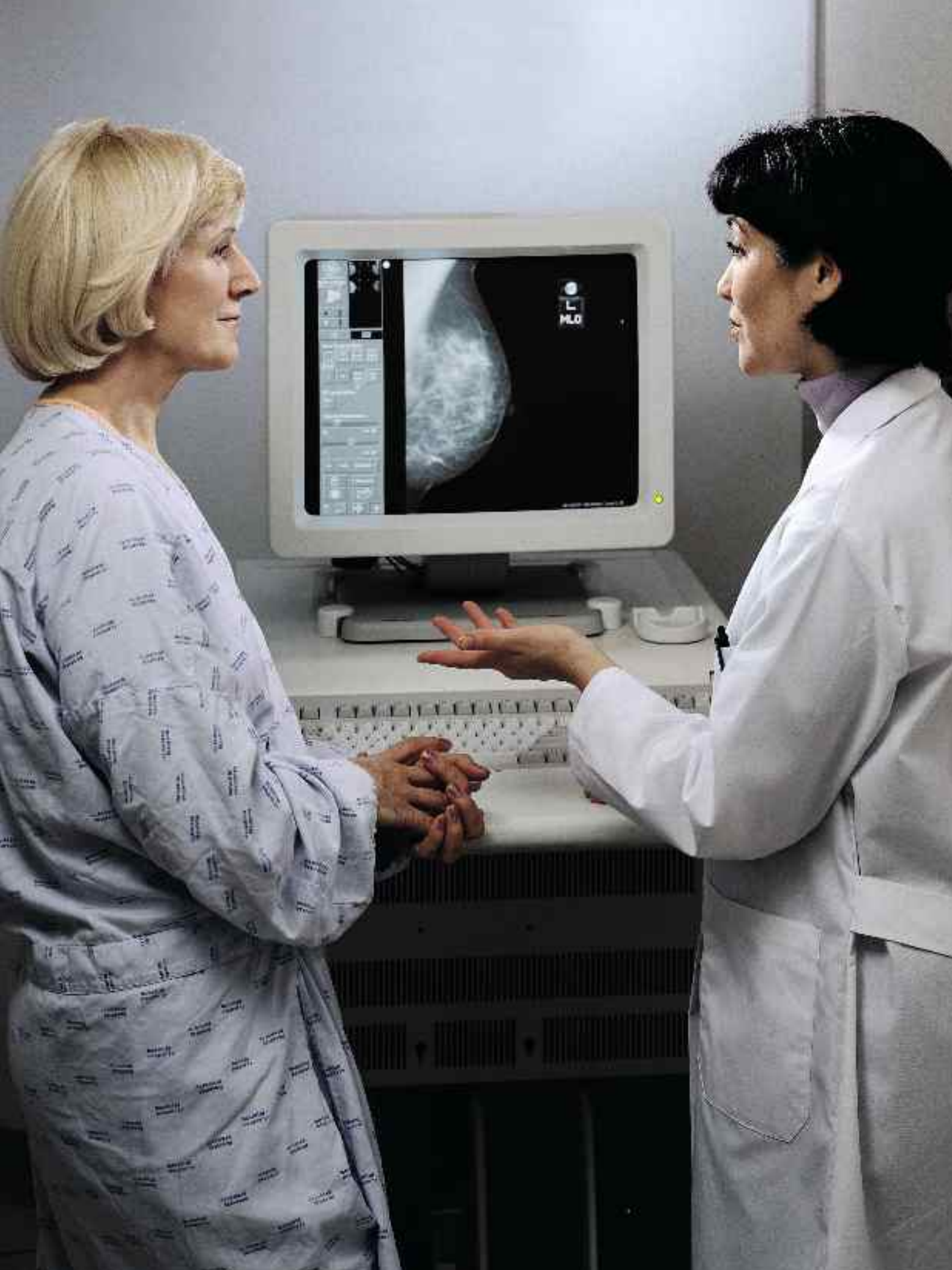
Research in the areas of: Computer Aided Detection (CAD), Contrast Media Mammography (CMM), 3D Reconstruction and Tomosynthesis is underway at leading breastcare facilities around the globe with the Senographe 2000D.*

Computer-Aided Detection (CAD)

Computer-aided image analysis will eliminate the cumbersome manual digitization needed for film-based CAD.

A product design that is uniquely capable of advanced applications research, the Senographe 2000D brings you confidence in obsolescence protection and a continuum of leadership in digital mammographic capability.

* Works-in-Progress research of potential clinical applications. FDA clearance required for all new applications.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