PANACEA
Engineering Medicine



Lilac®

Your Breast Health Matters...



Breast cancer is the most diagnosed cancer among women worldwide, accounting for almost 1 in 4 cancer cases. Unlike other cancers, breast cancer is eminently treatable if detected at an early stage. The need of the hour is breast cancer awareness, beginning from 30 years of age and regular screening for early detection.

Panacea Medical Technologies is your cancer care partner with an experience of over two decades. With our expertise in Imaging Technologies in the field of cancer, LILAC, a Full Field Digital Mammography Unit is built keeping in mind the needs of clinicians and comfort of women. LILAC represents Panacea's commitment and dedication in Mammography equipment development to transform breast cancer diagnosis into an easy affair. The system is a unique amalgamation of high productivity, optimum dose, and higher image quality.

"With LILAC, we want to remind you that your breast health matters, and it is important"

-Managing Director, Panacea Medical Technologies

Low Dose

High Quality

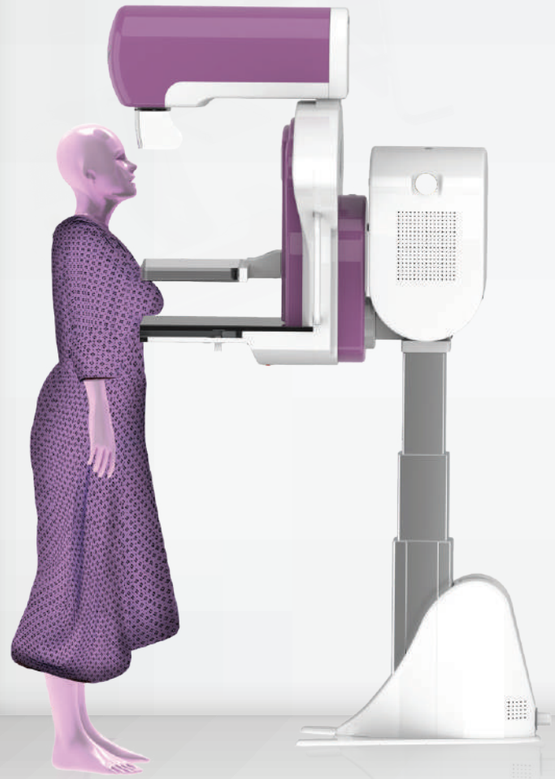
Take a quick SCAN

LILAC is a state-of-the-art Full Field Digital Mammography (FFDM) System designed to capture high quality images in a quick scan. Quick scan enables pain free screening to the patient and maximum productivity to the clinics.



Innovative Design

Witness the newest design in a Mammography System which is compact, robust and patient friendly. Ease your patient's anxiety and welcome her into a space of comfort. The entire system is so compact, it can be fit in a mobile van.

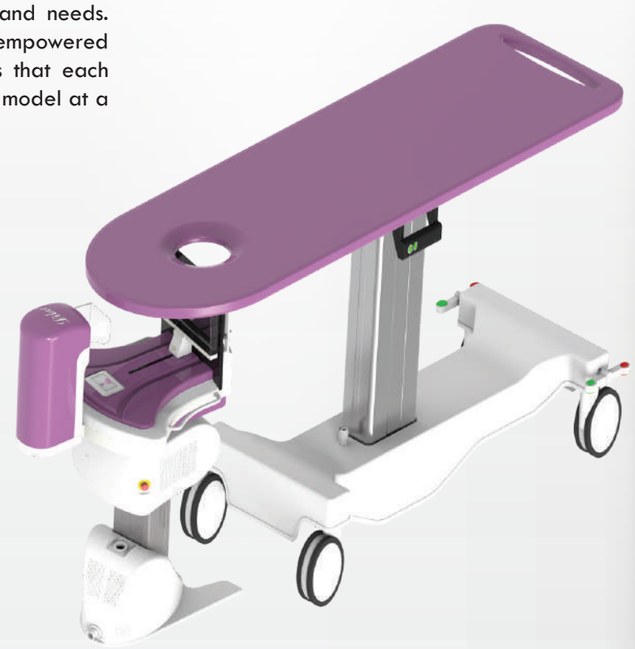


Get closer to the chest wall

With LILAC, women who are bound to wheelchair can be screened without any discomfort. The system moves to its lowest retracted height and inclines forward towards the patient. The inclination also ensures that maximum area of the breast is imaged during the screening.

Flexi-upgrade System

Invest on the model that fits your budget and needs. LILAC is available in two variants: from a CR empowered basic model to digital system. The edge is that each system is flexi upgradable to the higher end model at a very economical cost.



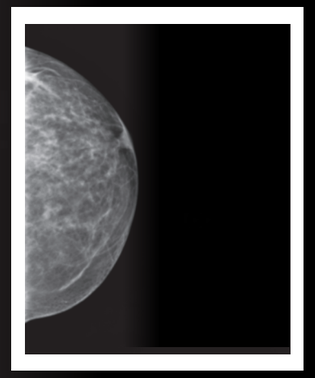
Review made smarter

The Clear-view review workstation with LILAC allows the clinicians to review the images in the most organized manner. With Clear-view, the diagnosis is done even before the patient leaves the mammography room.

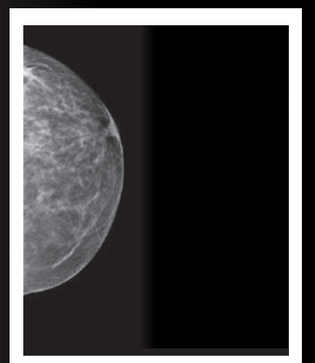


Crystal Clear Images

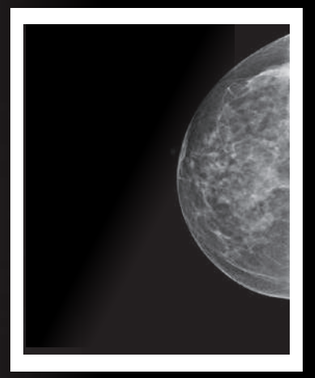
LILAC's Amorphous Silicon detector technology ensures that the clinicians obtain high quality mammograms that are free from noise. The wide detector helps screening of both breasts at once with same dose as in case of single breast. The system's quick boot time helps the clinicians start the diagnosis procedure from the word "go". The acquisition system of Lilac is so easy to use and fast that you can obtain an image in just 10 - 15 seconds from exposure. Faster patient set up, image processing and diagnosis in conjunction aids in high patient throughput.



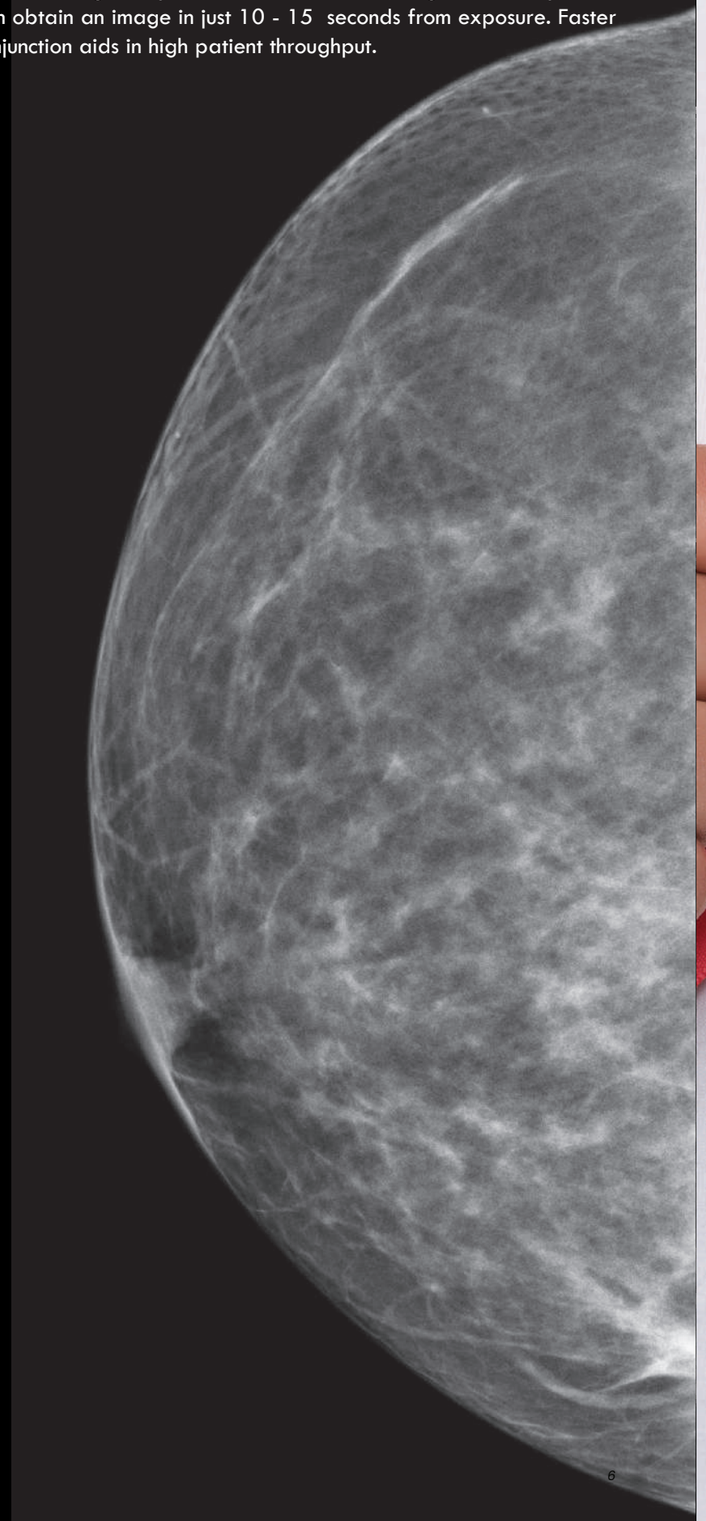
Other Detector Technologies



A-Se Detector Technology



A-Se @ 22 kV, Low Dose Mammography





The newest comforting design with automation

Give Comfort

Comfortable patient positioning is the biggest challenge during a Mammography Screening procedure. The compact design of LILAC with larger space below the makes it easier for the clinicians to position the patient. To add more comfort, LILAC is equipped with ergonomic handles and face shield so that the patient can be in a natural position during the examination. Automation is the key to higher throughput in LILAC. A wireless hand pendant has been introduced for machine movements, with automatic gantry rotation based on the selected view.

Compressions are now pain-free

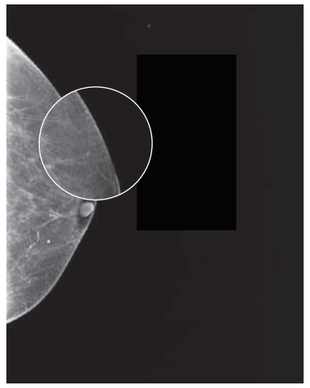
They say compressions are painful. With LILAC's ergonomic and steady compression system, the patient can remain at ease and comfort during the screening procedure. The system has a variable compression speed which slows down when the soft paddle with curved edges nears the tissue for a relaxed compression.

Gridless technology

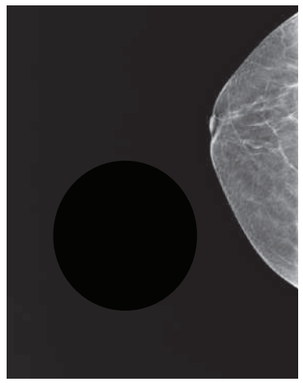
LILAC uses gridless technology which rejects the scattered radiation without the needs of the anti-scatter grid. The result is a reduced dose to the patient and improved resolution.

Simplified Workflow

Mammography examinations are now simplified with LILAC's intuitive and simple workflow. Schedule your patients for the day and perform screening with the workflow guiding you throughout the procedure. The user interface (UI) is available on a feather-touch based platform on the control console. The exposure window at the UI projects all the necessary information about the patient and the exposure.



Magnified View



Auto Image Enhancement



Information Label



Acquisition made faster

The acquisition system of Lilac is easy to use and fast that you can obtain an image in just 10 - 15 seconds from exposure. You can review the image quickly and perform annotations and corrections on the image as you wish. The images can be immediately accessed by the Radiologist for the review.

Clear-View Workstation

We understand the demanding workflow needs of the clinicians and have developed a workstation which is configurable. Our Clear-view review workstation allows the clinicians to review the images in the most organized manner. The software gives you freedom to perform 2-view, 4-view, 8-view examination and compare the current study with the previous study of the patient.

Choose what fits right for you

Lilac is a futuristic and economical Mammography solution that can cater to all clinics. Lilac models ranges from:

- Basic Cassette empowered design which digitizes the images on CR system
- Digital Mammography System with High quality Images

Thanks to the upgradability feature, LILAC grows with your needs. You can start your facility with a basic model and easily make upgrades With increased demand and budget availability.

With this, we promise to offer you a solution that best fits your need and a system that is future ready.

Add-ons

Biopsy System

Lilac's ergonomic motion makes your way to perform biopsy at the comforts of seated position with the patient being at her most comfortable position.

Android Keypad

The Android Keypad allows you to set up the unit within no time from any corner of the Mammography room.

Gantry Rotation

Automatic Positioning with - 180 to + 180 gantry rotation

Detector

High quality image with lowest attenuation and additional patient safety

Software Magnification

Superior image quality in both contrast and detail

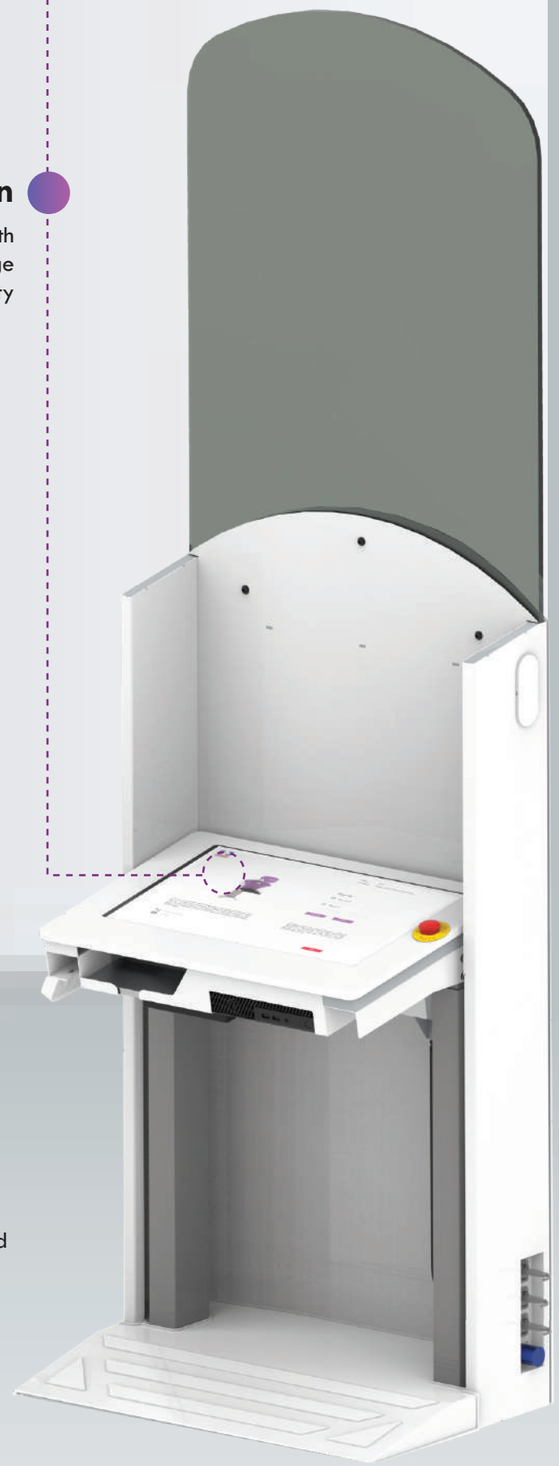
Your Workstation

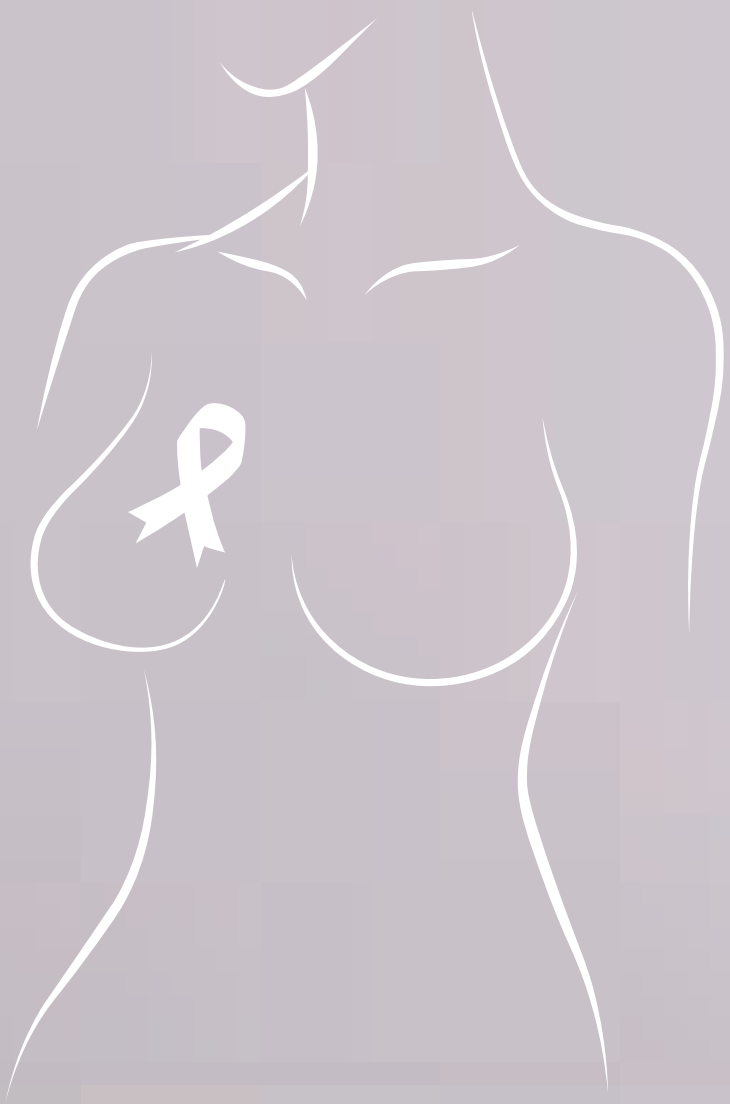
Intuitive workflow with high image storage capacity





wireless hand pendant introduced for machine movements





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*Specifications are subject to change without any prior notifications,
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