



**AIRAVAT**<sup>®</sup>

• CANCER CARE •

IT CAME. WE FOUGHT. YOU WON.



# **‘PRE-SCREENING’ TEST FOR BREAST CANCER**

**Airavat & Niramai came together with  
Artificial Intelligence Based Software**

**AIRAVAT  
CANCER  
PREVENTIVES**

**For Appointment: +91 91044 62944**



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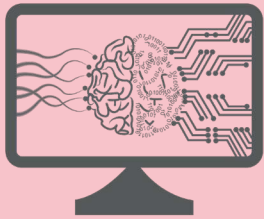
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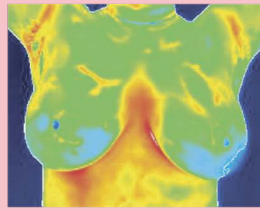
**THERMALYTIX®**

NOVEL PRE SCREENING TOOL



Artificial Intelligence

+



Thermal Imaging

=



Thermalytix®

**Benefits of THERMALYTIX®**



Age-agnostic



Early Detection



Low cost  
per screening



No side effects



Portable equipment



Non-contact,  
private screening

**1,25,000+**

Screenings completed

**10,000+**

Screenings camps

160+ Locations in  
**32 Cities**

**8+**  
Countries

Niramai receives  U.S. FOOD & DRUG  
ADMINISTRATION  
for their medical device **SMILE-100**

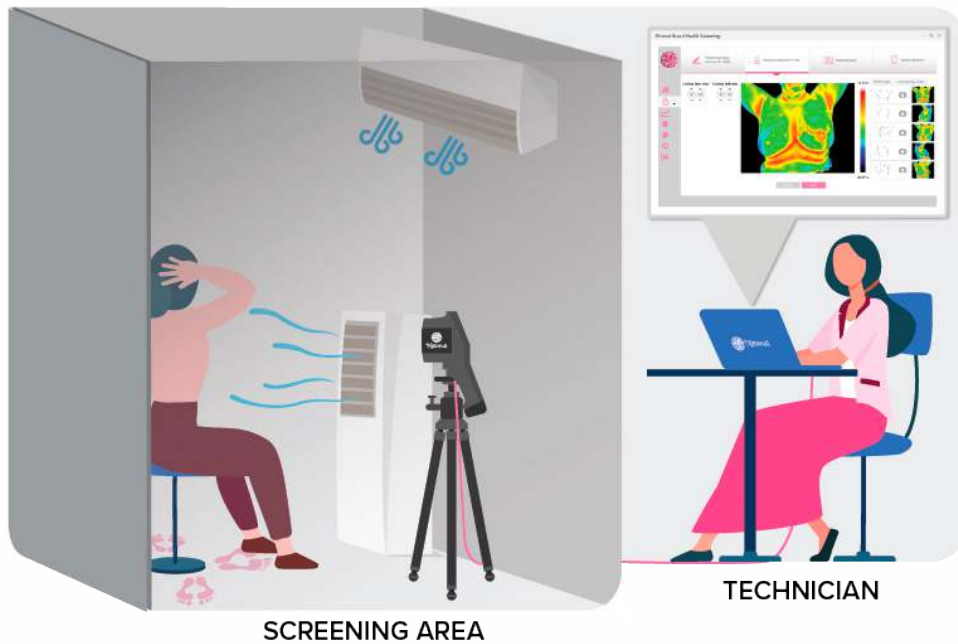




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- ✓ Requires only a space with ambient temperature and air flow.
- ✓ No privacy is hampered.
- ✓ A female technician clicks the image.
- ✓ AI software identifies 4 lakh different heat points and generate image.
- ✓ Takes 10-12 minutes for one test.
- ✓ Easy re-productibility.



No Touch



No See



No Pain



No Radiation



Rapid Test



Works for all ages



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## DIFFERENT FORMAT OF REPORTS



### Breast Health Report

Patient ID: sample\_state

#### General Details

Name:	_____	Medical Unit:	Test_Medical Unit
Age:	37	Report Generation Date:	04/04/2021
Gender:	Female	Scan Date:	04/04/2021

#### Recommendation

B-Score 5. Follow up with breast ultrasound recommended in left breast for confirmation.

Write to support@niramai.com for detailed report. Additional charges may apply.



**No Touch**



**No Pain**



**No See**



**No Radiation**

This report has been generated using novel algorithm developed by Niramai which uses artificial intelligence for quantitative analysis of thermal images.

NIRAMAI is a health tech company with a mission to save lives by enabling early detection of breast cancer. Thermalytix™ is an AI-based computer-aided diagnostic engine developed by Niramai that detects breast abnormalities in privacy aware manner.

Thermalytix™ uses a high resolution thermal sensing device and an intelligent software solution for analysing thermal images for reliable, early and accurate breast cancer screening.

To know more about Thermalytix™: <https://www.niramai.com/about/thermalytix/>

Disclaimer: This is a provisional report used for triage purpose only. Clinical correlation recommended.




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## DIFFERENT FORMAT OF REPORTS



### Breast Health Report Thermalytix™ 180

**General Details**

Name:	_____	Centre:	Test
Age:	27	Report Generation Date:	Jul 4th, 2023 16:35
Gender:	Female	Scan Date:	Jul 4th, 2023 13:54

**Clinical Details**

LMP:	25/06/2023	Hormone Therapy:	None
Pregnant/Lactating:	No	Number of children breast-fed:	0
Patient Complaints:	Lump in left breast UIQ UIQ.		
Cancer History:	No patient cancer history. No family cancer history		
Surgeries:	None		


**Thermalytix Scores**

Body Temperature:	26.79 °C to 36.14 °C		
Hotspot Score:	0.81	Hotspot Symmetry:	0%
Areolar Score:	0.96	Areolar Symmetry:	0%
Vascular Score:	0.78	Ensemble Score:	0.88
<b>B-Score:</b>	<b>5</b>		


**Thermal Analysis**

Thermal Parameters	Right Breast	Left Breast
Number of Hotspots	0	1
Extent	N/A	Hot spots seen in 12.4% of region of interest
Hotspot Shape	N/A	8 irregular, 6 distorted
Temperature	N/A	
Areolar Hotspot Detected	No	
Lump Detected	N/A	

Disclaimer: Thermalytix™ does not replace mammography or any other anatomical imaging test. It is not intended for use by individuals for self-diagnosis or for self-evaluation. This report requires clinical correlation and should be presented to a Qualified Healthcare Professional



Patient ID: test\_sample\_180



### Breast Health Report Thermalytix™ 180

Patient ID: test\_sample\_180

**Impression**

<b>Right Breast</b>	No focal thermal increase is seen. Multiple Warm thermal patterns are noted.
<b>Left Breast</b>	Focal thermal pattern is noted. Thermal increase is seen near areolar region. Slightly distorted and highly spiculated margins are observed. Asymmetrical thermal pattern is observed.

**Recommendation**

Follow up with breast ultrasound recommended in left breast UOQ UIQ LOQ (retroareolar, 7 O Clock, 10 O Clock, 11 O Clock) for confirmation.

Doctor Signature and credentials

Write to support@niramai.com for detailed report. Additional charges may apply.

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## DIFFERENT FORMAT OF REPORTS

**Breast Health Report**  
Thermalytix™ 360

Patient ID: test\_sample\_360

**General Details**

Name:	_____	Centre:	Test
Age:	27	Report Generation Date:	Jul 4th, 2023 16:35
Gender:	Female	Scan Date:	Jul 4th, 2023 13:54

**Clinical Details**

LMP:	25/06/2023	Hormone Therapy:	None
Pregnant/Lactating:	No	Number of children breast-fed:	0
Patient Complaints:	Lump in left breast UIQ UIQ.		
Cancer History:	No patient cancer history. No family cancer history.		
Surgeries:	None		

**Thermalytix Scores**

Body Temperature:	26.79 °C to 36.14 °C	Hotspot Symmetry:	0%
Hotspot Score:	0.81	Areolar Symmetry:	0%
Areolar Score:	0.96	Ensemble Score:	0.88
Vascular Score:	0.78		
<b>B-Score:</b>	<b>5</b>		

**Thermal Analysis**

Thermal Parameters	Right Breast	Left Breast
Number of Hotspots	0	1
Extent	N/A	Hot spots seen in 12.4% of region of interest
Hotspot Shape	N/A	8 Irregular, 6 distorted
Temperature	N/A	2.61°C increase wrt surrounding region
Areolar Hotspot Detected	No	Yes
Lump Detected	N/A	Hot lump UIQ

Doctor Signature and credentials

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**Breast Health Report**  
Thermalytix™ 360

Patient ID: test\_sample\_360

**Impression**

Right Breast	No focal thermal increase is seen. Multiple Warm thermal patterns are noted.
Left Breast	Focal thermal pattern is noted. Thermal increase is seen near areolar region. Slightly distorted and highly spiculated margins are observed. Asymmetrical thermal pattern is observed.

**Recommendation**

Follow up with breast ultrasound recommended in left breast UIQ UIQ LOQ (retroareolar, 7'O Clock, 10'O Clock, 11'O Clock) for confirmation.

Doctor Signature and credentials

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**Breast Health Report**  
Thermalytix™ 360

Patient ID: test\_sample\_360

**Annotated Thermal Images**

Best View (Grayscale)      36.14°C      36.14°C

26.54°C      26.54°C

AP View

Right Lateral View      Left Lateral View

Right AP-Lateral View      Left AP-Lateral View

Doctor Signature and credentials

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**Breast Health Report**  
Thermalytix™ 360

Patient ID: test\_sample\_360

**About Niramai**

**Indication of Use :**

Thermalytix™ is a medical device intended to be used for screening and early diagnosis of breast cancer in women above 18 years in a hospital, healthcare practitioner facilities, or in an environment where patient care is provided by healthcare personnel. It can also be used as an adjunct to screening mammography or breast ultrasound. Women who are found to be suspicious for malignancy by Thermalytix™ should be referred for a confirmatory diagnostic test. Primary diagnostic and patient management decisions are made by a qualified healthcare professional.

**Intended Use :**

Thermalytix™ is a medical device for the detection of breast lesions with suspected malignancy. The device is intended to assist a trained healthcare professional in risk assessment, screening, and early diagnosis of breast cancer in both asymptomatic and symptomatic women.

- No Touch
- No Pain
- No See
- No Radiation

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**PRECISION IN EVERY CUT.  
COMPASSION IN  
PATIENT CARE.**



**Address :** Airavat Cancer Care, 3rd Floor, Empire Doctor House,  
Kargil Petrol Pump Cross Road, S G Highway, Ahmedabad-380060.