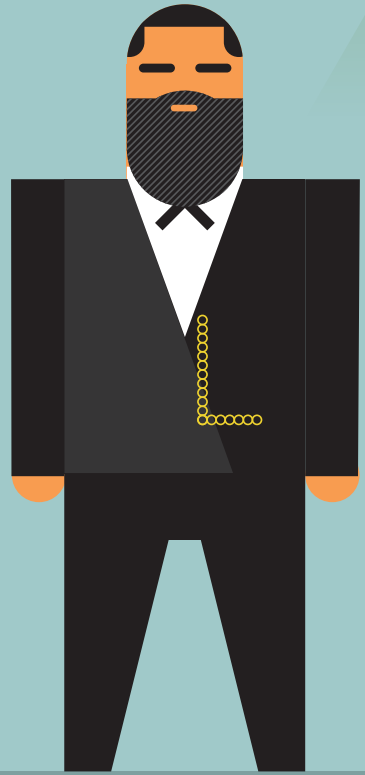


HISTORY OF MAMMOGRAPHY

1895



WILHELM ROENTGEN DISCOVERS X-RAY.

A year after, GE co-founder Elihu Thomson modifies Thomas Edison's light bulb to emit X-rays and uses it to build the first X-ray machine.

1913



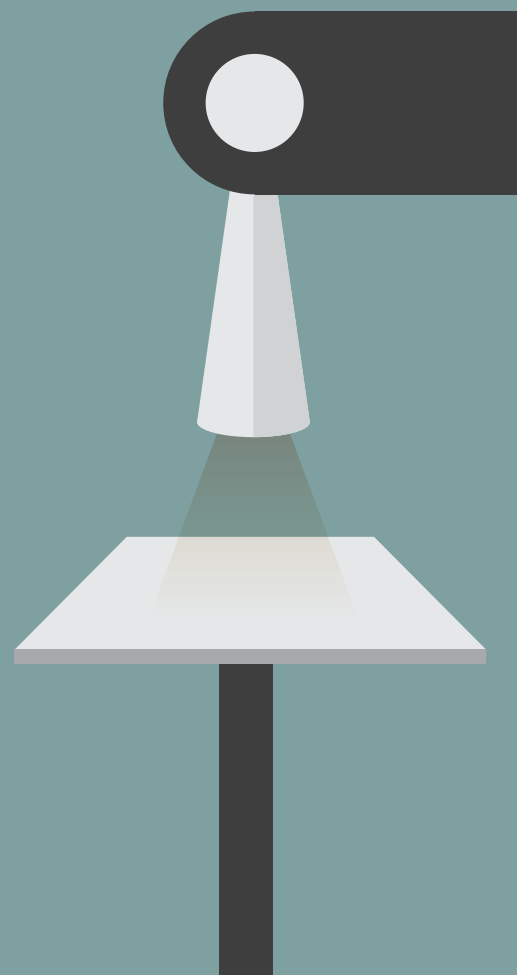
1ST ATTEMPT TO IDENTIFY BREAST CANCER USING X-RAYS.

By German Surgeon Albert Salomon. He recognizes the importance of breast compression for improving image quality.

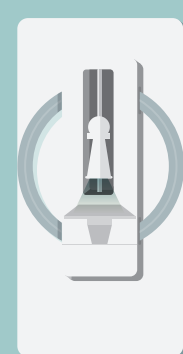
1949

1ST BREAST COMPRESSION TECHNIQUE.

Developed by Uruguayan radiologist Raul Leborgne for dedicated breast radiography.



1966



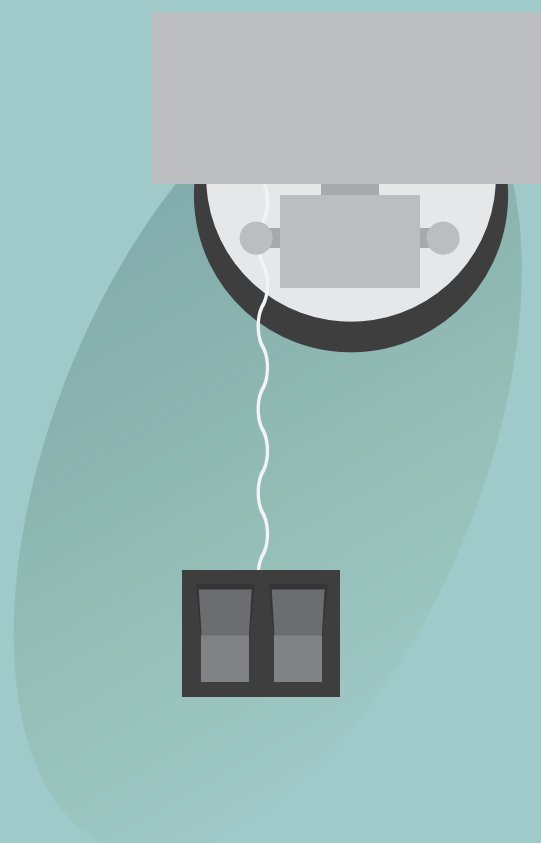
INTRODUCTION OF A DEDICATED X-RAY SYSTEM: SENOGRAPHE™.

French radiologist Pr. Charles Gros asks the Paris-based Compagnie Générale de Radiologie (CGR) in 1965 to investigate a solution to improve mammography. A year after, CGR launches its first breast-dedicated X-ray imaging equipment.

1976-1980

MODERN MAMMOGRAPHY IS ALMOST DETERMINED.

The launch of Senographe 500T is a key step in terms of ergonomics and image quality.



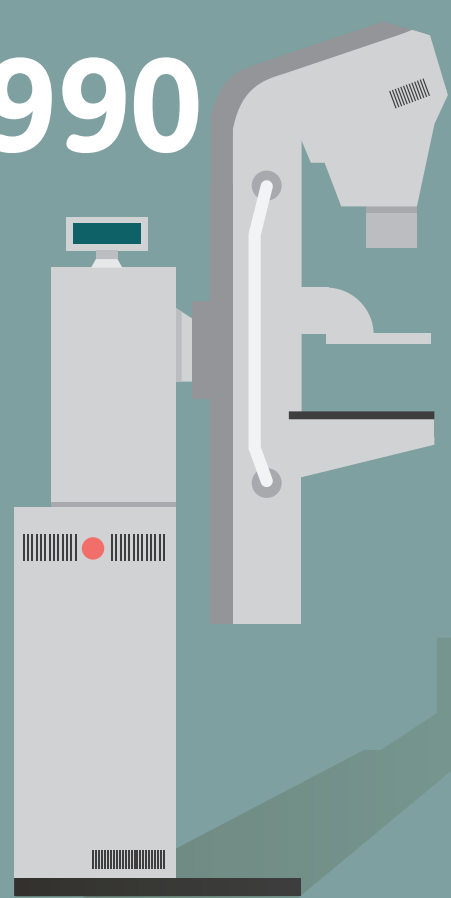
1987

GE ACQUIRES CGR.

Mammography machines that follow the Senographe remain the standard of care for breast cancer screening.



1990



IMPROVED IMAGE QUALITY.

Especially for dense and thick breasts. GE's Senographe DMR automatically adjusts acquisition parameters based on the X-ray transmission through the breast.

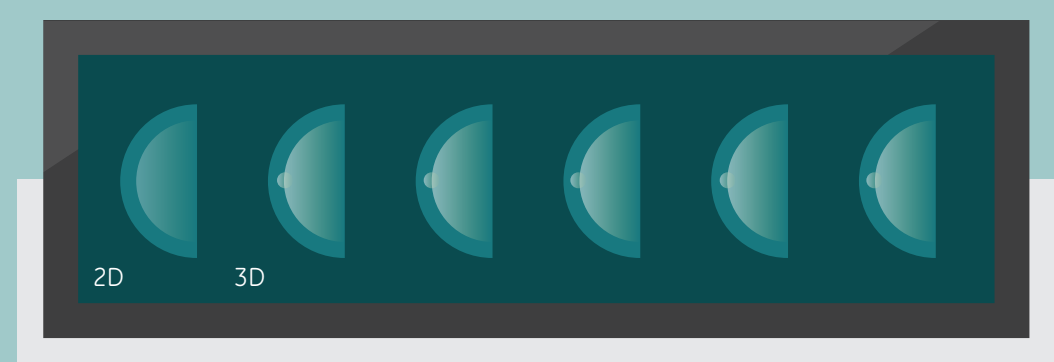
1999

A NEW ERA: DIGITAL MAMMOGRAPHY.

GE's Senographe 2000D, a full-field digital mammography equipment, is introduced.



2000-2013



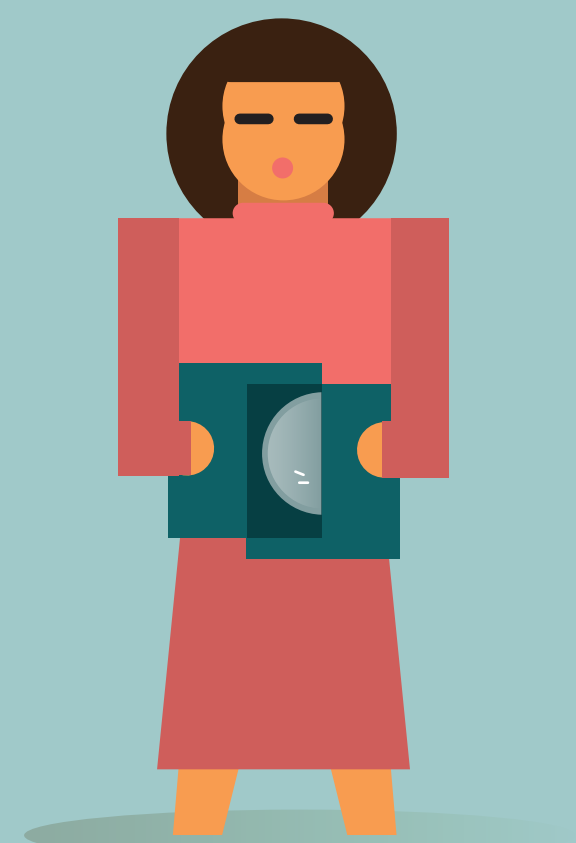
DEVELOPING 3D MAMMOGRAPHY.

3D mammography, also called Digital Breast Tomosynthesis, is a three-dimensional imaging technology that provides a clearer view through the overlapping structures of breast tissues. GE's SenoClaire™ is introduced in 2013.

2011

LAUNCH OF CONTRAST ENHANCED SPECTRAL MAMMOGRAPHY (CESM).

SenoBright™ CESM produces contrast-enhanced images of the breast using an X-ray contrast agent and two different x-ray energy levels to help localize lesions.



2016



THE FUTURE OF BREAST CARE IS NOW.

GE HEALTHCARE UNVEILS A NEW MAMMOGRAPHY SYSTEM REINVENTING THE PATIENT'S EXPERIENCE.

More info www.newsroom.gehealthcare.com/ecr

GE Healthcare

