Available now at these Mercy Radiology branches:

Pukekohe
2/12 Glasgow Road, Pukekohe 2120

XR US MM CT BD SGI MRI

Botany
260 Botany Road, Botany 2013

XR US MM CT BD SGI MRI

Westgate, Massey
13G Maki Street, Westgate Shopping Centre
corner Hobsonville Rd and SH16, Massey 0614

XR US MM SGI

Rosedale
Northcare, 5 Home Place, Rosedale 0632

XR US MM SGI

Silverdale
7 Polarity Rise, Silverdale 0932

XR US MM SGI MRI

SERVICES KEY:

- XR *X-ray*
- US *Ultrasound*
- CT *CT Scanning*
- MM *Mammography*
- BD *Bone densitometry*
- SGI *Steroid-guided injections*

Online booking or enquiry now available at:
www.radiology.co.nz

Patients under the age of 40 require a referral.

Mercy Radiology

Innovative 3D digital mammography technology

Up to 43% increase in breast cancer detection rate[1]

(when compared to standard 2D mammography)

Mercy Radiology

SIEMENS Healthineers

Fighting breast cancer

Breast cancer is currently the most common cancer in women worldwide. One in ten women will be diagnosed with breast cancer in her lifetime. Early detection is the best tool for fighting this threatening disease and the most common method for diagnosis is Mammography.

What is mammography?

Mammography is a diagnostic tool that uses X-rays to examine the breast. It is a commonly used method for early detection and staging of breast cancer, and is a well established and accepted imaging technique.

Outstanding image quality is critical for detecting the smallest details required for the diagnosis of breast cancer, but low dose is also of upmost importance. How do clinicians achieve optimal image quality at minimal dose?

The next-gen mammography system: MAMMOMAT Inspiration

The Siemens MAMMOMAT Inspiration, coupled with cutting-edge tomosynthesis technology, addresses this challenge faced by clinicians worldwide. It has revolutionised breast screening and detection by delivering the following unprecedented benefits:

Up to 43% increase
in breast cancer detection rate[1]

Uncompromised image quality

Faster screening process

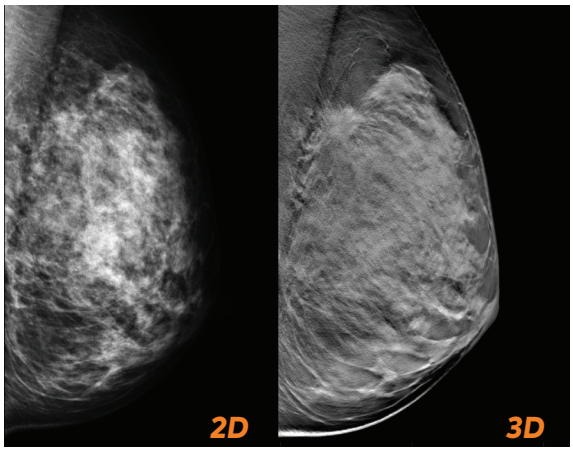
Greater patient comfort

1. First Results from Malmö Breast Tomosynthesis Screening Trial in Sweden.

New 3D Mammography procedure

True 3D Breast Tomosynthesis signifies a quantum leap in mammography. Tomosynthesis (tomo = "layer") takes three-dimensional (3D) images, while classic mammography is only able to deliver two-dimensional (2D) images of the breast.

When it comes to dense breast tissue, 2D mammography is not always able to deliver clear and confident results. With tomosynthesis, 3D high quality images can be acquired, regardless of breast size or tissue density.



Mammography of the same breast - 2D imaging vs 3D imaging

How does it work?

The X-ray tube takes multiple pictures from different angles. The information is then calculated by a software program to produce clear three-dimensional images throughout the breast.

The layered images acquired using tomosynthesis avoid tissue superimpositions – the radiologist gets a clearer image. This increases the chance of detecting further possible breast carcinomas (breast cancer) in their early stages. Existing tumors can be analysed in terms of size and shape even earlier.

IMPORTANT NOTE: *Due to the costs of this latest technology, there will be a price difference for breast tomosynthesis in comparison to standard digital mammography. The difference may or may not be covered by your health insurance. This can be discussed with our staff at the time of your booking.*