

PINK HERO

HOW YOUR SUPPORT HELPS

The National Breast Cancer Foundation (NBCF) is Australia's leading not-for-profit organisation funding world-class breast cancer research towards our vision of Zero Deaths from breast cancer.

To help end the 3,300 deaths from breast cancer each year, two core objectives of our *Pink Horizon Research Strategy* are detect breast cancer as early as possible and before it progresses, and treat hard-to-treat and metastatic breast cancer.

Detecting breast cancer as early as possible before symptoms appear gives the best possible chance of survival.

In Australia, the five-year relative survival rate for early breast cancer (stage 1) is 100%.

Dr Luke Marinovich

ADVANCING BREAST CANCER SCREENING WITH THE USE OF CUTTING-EDGE TECHNOLOGIES



Project description

Mammography has been in use since population breast cancer screening began in Australia over three decades ago; however, recent developments in technology show promise for further improving breast cancer detection. In this NBCF-funded study Dr Luke Marinovich and colleagues will evaluate two new technologies that could transform breast cancer screening: artificial intelligence (AI) and digital breast tomosynthesis (3-dimensional imaging).

Expected outcomes

Successful outcomes of this study will provide robust evidence for the implementation of new breast cancer screening technologies in an Australian population setting. The use of both AI and digital breast tomosynthesis have the potential to increase early detection and ultimately improve outcomes for breast cancer patients.

Breast cancer is the second most commonly diagnosed cancer in Australia and the most common cancer among females.

1 IN 7

WOMEN WILL BE DIAGNOSED WITH BREAST CANCER IN THEIR LIFETIME

58

AUSTRALIANS ARE DIAGNOSED EVERY DAY

9

AUSTRALIANS STILL DIE EVERY DAY

ABOUT 1 IN 550

MEN WILL BE DIAGNOSED WITH BREAST CANCER IN THEIR LIFETIME

EVERY DOLLAR MAKES A DIFFERENCE

We receive no government funding.

What we do, would not be possible without the support and generosity of people like you. The more you raise the closer we get to Zero Deaths from breast cancer.



\$200

Could support a researcher to understand and develop new therapies for more aggressive types of breast cancer.



\$500

Could help researchers investigate whether certain drugs can be used to prevent breast cancer.