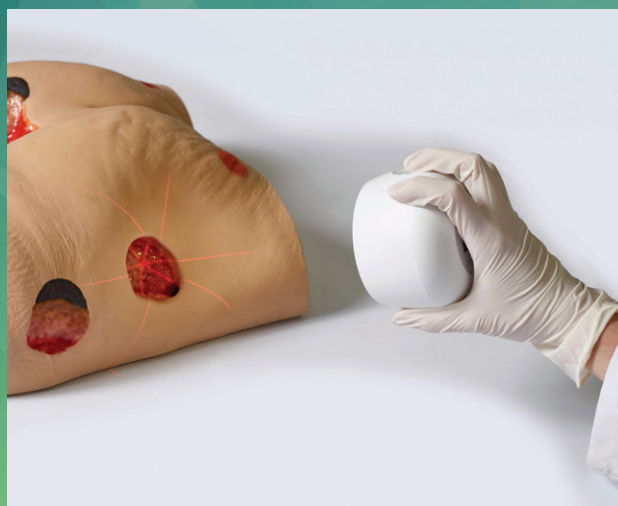


# Silhouette® Wound Assessment and Management

This technology was funded through the New Technology Funding and Evaluation Program (NTFEP). The NTFEP funds the introduction and evaluation of new technologies that:

- ✓ Are safe and effective
- ✓ Provide better health outcomes
- ✓ Provide value for money
- ✓ Provide greater access to care.

NTFEP funding supports the cost of the technology, consumables, training, maintenance, licenses and evaluation staff. The evaluation findings will inform recommendations regarding the future use and/or investment of the technology within Queensland.



## What is the technology?

The Silhouette wound surveillance system (ARANZ Medical, New Zealand) is a non-invasive three-dimensional measurement, imaging, and documentation system intended to provide accurate wound measurement, healing trends, and wound surveillance support. The system consists of three components: a hand-held imaging camera equipped with positioning lasers and an LED light source, software to create a 3-D model of the wound based on the data acquired by the camera; and a secure internet-accessible database that stores and consolidates the information, providing comprehensive wound assessment reporting and telehealth review.

## What are the expected benefits?



The technology should provide a standardised and reproducible method of wound image capture and measurement.



The no-contact method of image and data collection should reduce risk of wound infection at assessment.



The technology can provide precise wound measurements, resulting in early detection of 'healing' or 'non-healing' wounds.



The technology should allow for early detection and intervention for complications, reducing rates of amputation.



The technology should enable rural and remote patients to receive best practice wound care closer to home.



Telehealth review and consultation should provide greater support to health professionals at remote sites.

## Where is the evaluation occurring?

Department of Allied Health,  
Mount Isa Hospital (commencing 2019)

## Funding provided?

\$216,540

## Want more information?

[secretariat\\_hta@health.qld.gov.au](mailto:secretariat_hta@health.qld.gov.au)



**Queensland  
Government**