

# WoundAide

## A hand-held solution for the healthcare industry

MONITORING WOUND HEALING PROCESS  
IN AN ACCURATE AND SEAMLESS MANNER



### ▶ Background

NTUC Health is an NTUC social enterprise that provides quality and affordable health and eldercare services. Building on more than four decades of experience and expertise, it provides an integrated suite of services to meet the growing needs of families and their dependents. In addition to dental clinics and a family medicine clinic, NTUC Health also has one of the most comprehensive range of eldercare services in Singapore. These include facilities such as senior day care centers, nursing homes, senior activity and wellness centers, as well as a sheltered / senior group home. It also runs services such as home care and community support for vulnerable seniors.

### ▶ Challenges

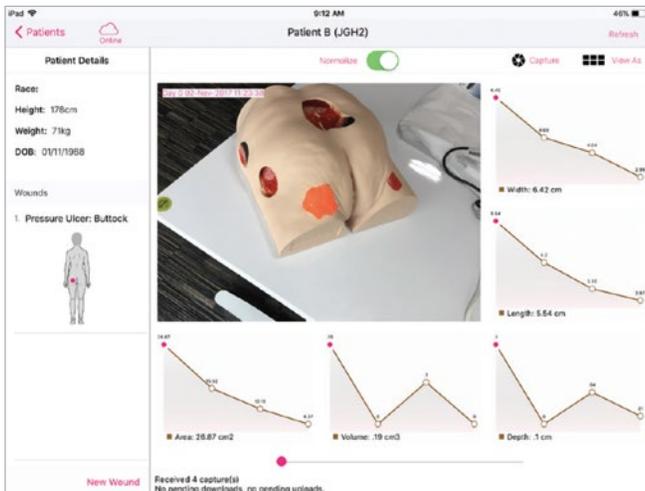
Chronic wounds and pressure injuries are the main challenges the client faces in the management of patients in nursing homes. Wounds are currently being measured manually and can be time consuming, especially for complicated wounds. Basic tools such as disposable ruler and sterile cotton-tipped swab sticks are used during the measurement process. Wounds are also managed by several healthcare professionals leading to high variance in the assessment process. This resulted in uncoordinated and inconsistent treatment which may prolong the healing process.



As such, NTUC Health Nursing Home is looking for a solution to allow every healthcare professional to have a standardised system to assist in wound measurements and documentation.

## → Solutions

Konica Minolta has developed a simple and mobile solution to tackle this challenge. WoundAide from Konica Minolta has the ability to measure the wound accurately through automated image analysis. The data capture eliminates inconsistency amongst the healthcare professionals. WoundAide is easy to use; point and shoot and it provides a consistent and accurate 3D wound measurements within seconds. WoundAide enables long care facilities to monitor wound healing process accurately and consistently. Minimum training is required hence it can be used by anyone within the healthcare team.



## → Conclusion on the Study and User Benefits

Clinicians and nurses found the WoundAide easy to use. Time taken to measure wounds was drastically reduced by more than 60% especially in complex wounds allowing them to focus on other aspects of wound management. WoundAide can be easily carried throughout the nursing home as well as within the home care settings.

The scientific measurements and historical data that the healthcare professionals were able to draw from, helped to determine if treatments applied showed progress. Wound documentation was also enhanced with the use of WoundAide as the process could be done in a very systematic and consistent manner.

“I’m glad WoundAide helps in reducing measurement time. This allow me to focus on other aspects of wound management.”

- Nurse A

“With WoundAide, wound documentation is enhanced with a one-step process where wound photos and documentation is under one roof.”

- Nurse B

“With all the benefits that WoundAide can bring, I strongly believe WoundAide would increase our productivity.”

- Nurse Manager

## WOUNDAIDE KEY FEATURES & BENEFITS

- ⊕ Continuity of care from acute hospital to step-down care
- ⊕ Effective monitoring reduces risk of readmission for wound care & management
- ⊕ Deterioration trends allow acute setting to intervene for further evaluation and treatment remotely



Review, Alert & Trending



Capture Wound in 3D



WoundAide



Store & Share Data



Automate Measurement

## KONICA MINOLTA BUSINESS SOLUTIONS ASIA

Address: 30 Pasir Panjang Road #06-32,  
Mapletree Business City, Singapore 117440