

# Introducing NDKare

Holistic Wound Management Solution



Up to 80% time savings over manual measurement<sup>2</sup>



Improve wound healing rates by 11%<sup>1</sup>



Longitudinal wound report



Secure storage

"By using NDKare, it allows wound care specialists to gather more details and remotely monitor the progress of the wound thus saving time."

Dr. Tan Jit Seng  
Director, Lotus Eldercare



## TECHNICAL FEATURES



Mobile platform based  
-Available for Android & iOS



Accurate measurement



Realistic 3D model visualization



Seamless Deployment

## CONTACT US

Nucleus Dynamics Pte Ltd

Product Website: <http://NDKare.com>  
Company Website: <http://nucleusdynamics.com>  
Email: [sales@nucleusdynamics.com](mailto:sales@nucleusdynamics.com)  
Office: +65-66109255

Internet connectivity is required to obtain wound measurements

Nucleus Dynamics reserves all rights to amend any information without prior notice.  
Screen images are simulated for illustration purpose only.



# NDKare

Holistic Wound Management Solution



1. The effectiveness of digital imaging and remote expert wound consultation on healing rates in chronic lower leg ulcers in the Kimberley region of Western Australia
2. Based on trial with Home Nursing Foundation in Singapore (2015-2017)
- 3.. More than One Way to Measure Wound: An Overview of Tools and Techniques

## Comparison

### Digital Planimetry<sup>3</sup>

Clinician takes photo of wound with a paper ruler

Clinician manually transfers photo to PC

Clinician opens photo for annotation using ImageJ software

Clinician uses marked out wound regions in photo for manual measurements

Clinician uses photo for estimation of wound bed appearance

Clinician makes assessment based on measurements

Clinician makes record of treatment in patient file and uploads the information to their EMR

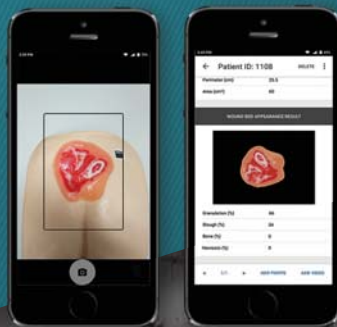


Clinician takes photo of wound with marker using NDKare

NDKare automatically generates measurements and wound bed appearance

Clinician makes assessment based on automatic measurements from NDKare and records treatment

Wound photo and measurements are automatically transmitted to EMR system



## Quick & Easy Documentation

Enables automatic data input to organization's Electronic Medical Records (EMR)



## Improve Wound healing rates By 11%<sup>1</sup>

Holistic evidence-based wound management and clinical research

## Secure Patient Privacy

Maintaining accountability of patient care information

# HIPAA

Secure Storage



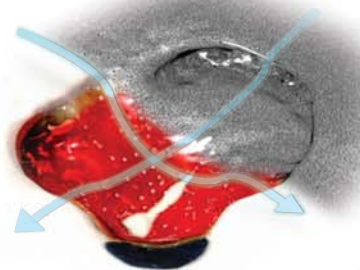
## Diagnostic Accuracy with Realistic 3D Wound Model

Provides 3D texture visualisation within minutes



## Accurate Measurements

Provides length, width, area, perimeter, depth and wound bed appearance



## Facilitate Collaboration

Enables secure data exchange with fellow clinicians



## Effective Clinical Decision Making

Tracks wound healing progress



## Remote Management of Nursing Resources

Analyzes wound conditions and alert specialists and wound care nurses

