



KONICA MINOLTA



WOUNDAIDE CASE STUDY

REALIZING HOLISTIC PATIENT'S CARE AND ENHANCING CLINICAL OUTCOMES



The current practice for wound measurement and assessment within the hospital can be very fragmented and lacks continuity. Healthcare professionals have to do manual measurements and capture wound photos separately. After which they have to upload into the Electronic Medical Records and document accordingly. This process can be tedious and time consuming as there are multiple steps involved.

Client

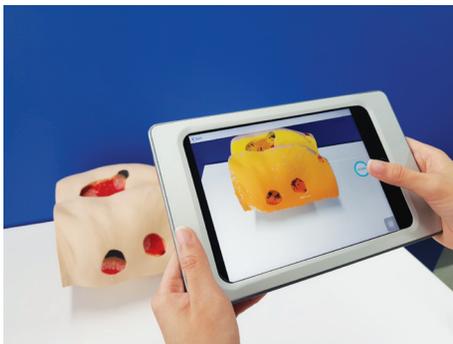
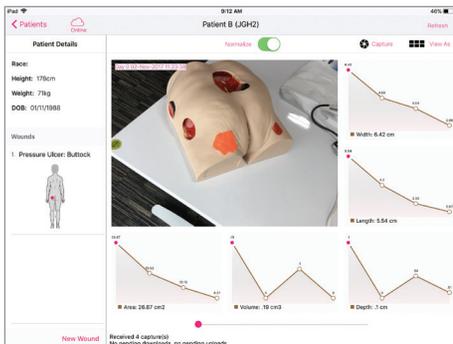
This hospital is both a tertiary hospital as well as the principal teaching hospital. Staffed by a team of healthcare professionals who rank among the best in the field. They offer quality patient care by embracing innovations and advances in medical treatment.

Challenges

The existing practice is limited to manual wound size measurement and subjective visual evaluation.

Healthcare professionals such as wound care specialists measure the wound with a disposable paper ruler to calculate the approximate length, width and depth; a wound photo will then be taken using a phone equipped with a camera. Clinicians will have to match the right patient with the wound photos and upload into their Electronic Medical Records.

It typically takes a wound care specialist up to 15 minutes to complete the wound assessment for a single wound. Inaccurate and inconsistent wound measurement and infection control are other main challenges.



Solution

WoundAide from Konica Minolta is a mobile solution that automatically determines the wound size and area without direct patient contact. During wound measurement, the system will prompt user with instruction to capture an image of the wound with the camera. Wound dimensions will then be auto computed instantaneously and displayed on the device screen. Wound assessment and documentation is also completed within the same platform without having to switch to other devices.

Conclusion

The feedback from the wound care specialists involved in the study has been positive.

WoundAide is able to capture clear wound images even in varied lighting conditions within the hospital. WoundAide is mobile, easy to use and measurements are computed very quickly within seconds. WoundAide is the perfect wound assessment and documentation solution within the hospital. WoundAide can be integrated with the Electronic Medical Records system to provide a seamless wound documentation process. Healthcare professionals will be able to see an overview of both the patient's medical history and WoundAide documentation. WoundAide together with such integration will contribute to an overall holistic patient's care and enhance clinical outcomes.

"WoundAide is a perfect wound assessment and documentation solution. It is able to capture clear wound images even in varied lighting conditions within the hospital. It was very easy to use and can bring us a seamless wound documentation process."

- **Wound Care Nurse**

WOUNDAIDE KEY FEATURES & BENEFITS



Capture
Wound in 3D



Automated
Measurement



Review &
Trending



Store & Share
Data

- Timely intervention from accurate trending to facilitate best wound healing outcome
- Integration with EMR provides a holistic approach when managing wounds to improve overall patient care
- Patients' Quality of Life is improved with continuity of care

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