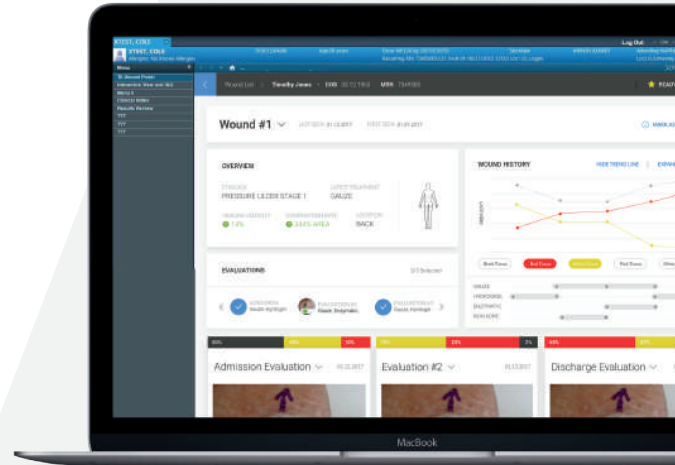


Our Platform Helps Clinicians to Record, Track and Analyse Complex and Chronic wounds

Tissue Analytics is an industry-leading wound management platform to simplify and streamline documentation workflows accessible via EMR or standalone.

Learn more at www.virtual-care.com.au/tissue-analytics-1

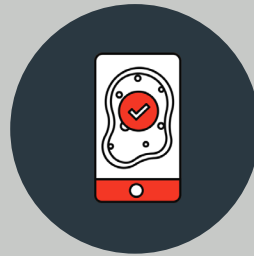


Our platform changes the way you measure, analyze, and treat pressure injuries. With the Tissue Analytics platform, our users have noticed:



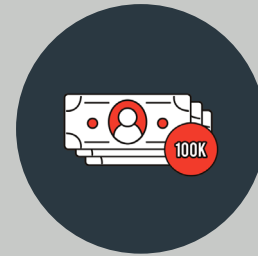
INCREASE IN MEASUREMENT ACCURACY AND PRECISION

With Tissue Analytics, measurement errors decrease to <4%, compared to 44% using hand and ruler measurements.



FASTER, AUTOMATED EMR DOCUMENTATION

Tissue Analytics automatically measures wound size and seamlessly uploads images & measurements into the EMR.



MORE EFFICIENT CHARTING

Tissue Analytics reduces documentation time by 5-10 minutes per patient, resulting in a minimum time savings of 2.5 hours per day.

TISSUE ANALYTICS IS THE MOST EFFICIENT SOLUTION FOR TIMELY DETECTION AND DOCUMENTATION OF WOUNDS.

EMAIL US FOR MORE INFORMATION
info@virtual-care.com.au

VISIT OUR WEBSITE TO TRY A DEMO
www.virtual-care.com.au/tissue-analytics-1

EMR INTEGRATION

Seamless EMR-integrated Wound Management

End-to-end solution interfaces with all major EMR systems and also operates via a standalone Web portal.

Epic

Cerner

Allscripts

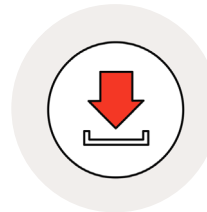
athenahealth



STEP 1

CONTACT INFORMATION TECHNOLOGY TEAM

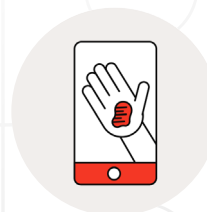
Our team coordinates with members from your clinical and information technology teams.



STEP 2

CREATE A CUSTOM WORKFLOW

We will upload your custom wound care workflow and product formulary



STEP 3

IMPLEMENT FACILITYWIDE

Our onboarding team trains healthcare professionals to effectively use the Tissue Analytics interface.

EFFICIENT WOUND DOCUMENTATION

Our Easy to Use Wound Care Platform Provides Precise Data to Track Patient Outcomes.

Tissue Analytics' state-of-the-art machine learning and computer vision algorithms enable non-specialists to measure wounds in a systematic manner. The clinicians can use insights from aggregated data to better manage wound patients.

The Royal Prince Alfred Hospital (Sydney LHD) ran a trial with Tissue Analytics over 2 years.

The evaluation identified improvements in wound documentation (24% to 70%), wound assessment, shared wound plans and patient adherence. The platform facilitated remote patient monitoring and reduced patient travel time while maintaining optimal wound care.

<https://onlinelibrary.wiley.com/doi/10.1111/iwj.13755>



1

RECORD

Nurse captures digital photographs of wounds in a clinical setting.



2

ANALYZE

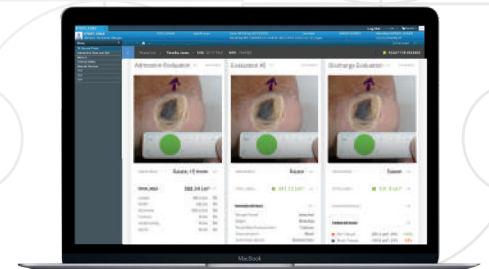
Software automatically measures wound size and tissue composition.



3

TRACK

Software uploads image to EMR and tracks longitudinal progression.



4

EVALUATE

Clinicians evaluate treatments to identify actionable insights including value-based treatment and cost-savings plans.

EMR INTEGRATION

The Only Wound Platform That Seamlessly Integrates With All Major EMR Systems.

Some of our most widely-used EMR integrations:.



APP ORCHARD

Tissue Analytics' Advanced Wound Documentation on Epic is a native Android/iOS application that utilizes low-level camera functionality to produce a high-level of control.



APP GALLERY

Tissue Analytics reduces the rates of hospital-acquired pressure ulcers (HAPUs) and improves wound care documentation workflows by deploying advanced wound analysis.



APP STORE

Mobile Wound Care is a native Android/iOS application that enables clinicians to better manage wound patients using objective metrics.



MARKETPLACE

Mobile Wound Care by Tissue Analytics, Inc. is an iOS and Android platform app that simplifies wound tracking and documentation. The app measures wound length, width and surface area.

EXECUTIVE SUMMARY

PROBLEM

Over 420,000 Australians currently living with chronic wounds, such as bedsores and diabetic ulcers, cost the Australian healthcare system over \$3 billion each year. People over the age of 65 are most vulnerable to chronic wounds and by 2030, this cohort will increase by almost 30 percent.

A ruler is the most common tool used in healthcare settings to track wounds over time. This outdated technique is so variable, subjective, and prone to error that doctors cannot evaluate if prescribed treatments are working.

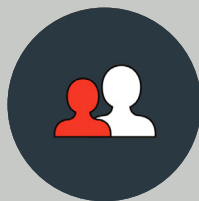
SOLUTION

The Tissue Analytics mobile application uses state-of-the-art machine learning and computer vision to autonomously segment, classify, and measure wounds. The techniques used standardise for lighting, distance, and camera angle. Data is collected on a secure, HIPAA compliant smartphone app to remotely evaluate their patients. Users are presented with precise information about changing characteristics of the wound over time.

ADVANTAGES OF THE TISSUE ANALYTICS SYSTEM:



Proprietary TGA registered image analysis provides doctors with accurate metrics for wound healing.



Intuitive and easy to use with minimal disruptions to the workflow.



Ability to view analysis from anywhere supporting shared care.



Clinicians can reduce their charting and measurement time by 56%.

EMR INTEGRATION

Tissue Analytics integrates with 4 major EMR systems via industry-leading technologies such as SMART on FHIR and HL7 standards. The integrations were completed at a corporate level and are, by design, rapidly deployable.

