



Functional Specification

As of Sept 2020

Application	CARES4WOUNDS	
Format	Mobile App	Web Based Monitoring
Hardware	1) iPhone* ₁ with multiple cameras 2) iPad* ₂ + Structure Sensor	Any PC / Smart Device with internet connection
Wound Imaging	2D + 3D	2D Image Gallery
Measurement	Automatic* ₃ (Length, Width, Depth, Volume)	Synchronized with Mobile App via APIs
Assessment		
Auto Tissue Classification* ₃	✓	✓
Peri-wound	✓	✓
Exudate	✓	✓
Smell	✓	✓
Pain	✓	✓
Undermining	✓	✓
Wound Bed Score (Falanga)	✓	✓
Treatment		
Documentation	✓	✓
Guidance	✓	✓
Monitoring		
Reports	-	✓
Wound Healing Charts	-	✓
Alerts	-	✓
Vital Signs	-	✓
Communication		
Chat	✓	✓
Teleconsultation* ₄	✓	✓
Administration		
Patient Management	Abridged Module	Full Module
User Management	-	✓
Task Management	-	✓

*₁ Recommended: iPhone 11 Pro or equivalent

*₂ Recommended: iPad mini 5th Gen

*₃ Manual correction is available

*₄ Optional and usage fees apply

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Product Video

Our organization is certified according to ISO 13485 standards.
HSA registered Manufacturer: ES0500486, Wholesaler: ES0500491
HSA Class B Registration pending

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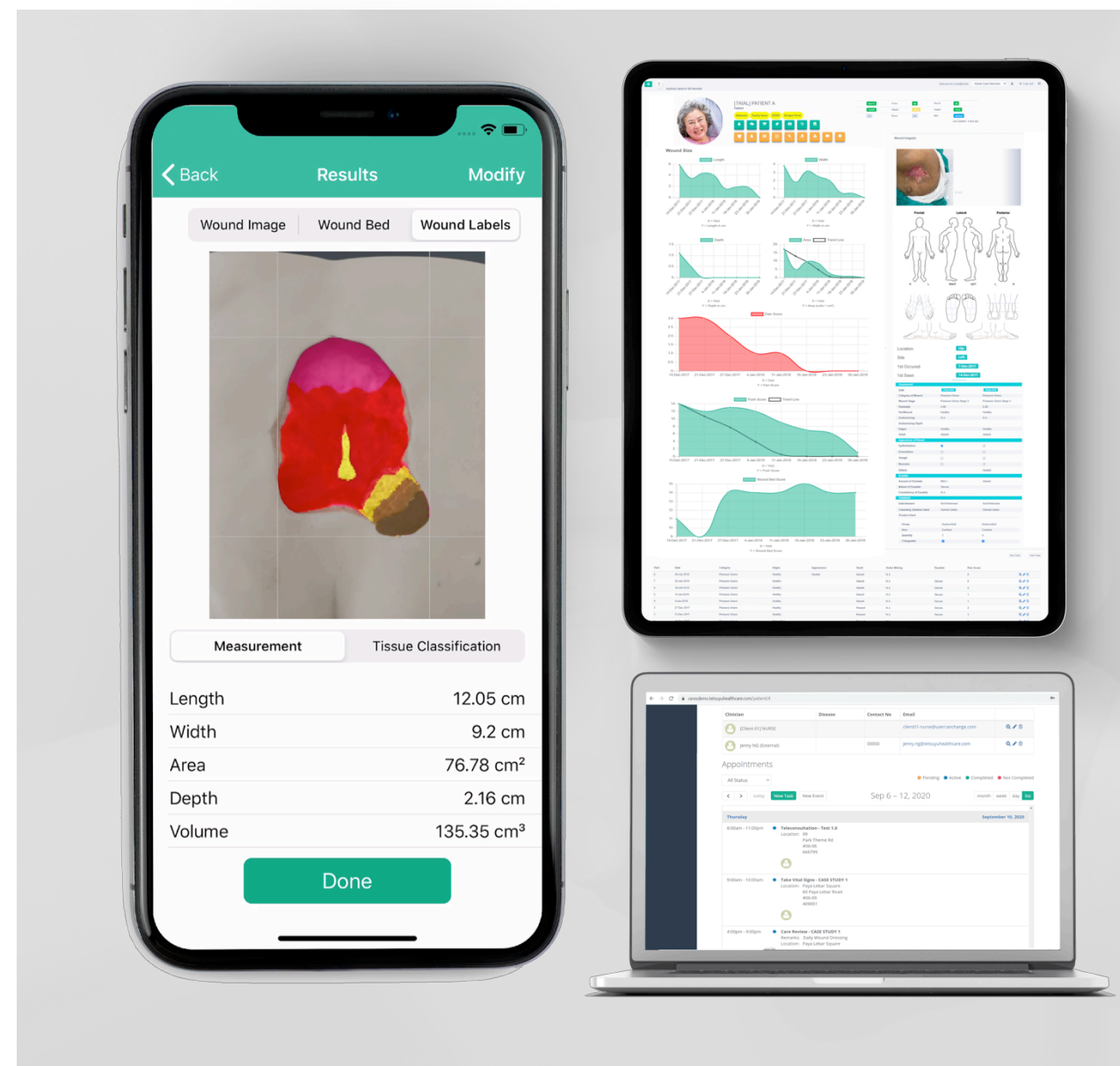


CARES4WOUNDS

C4WB

Wound Care Management System

to raise productivity and quality in wound care



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CARES4WOUNDS

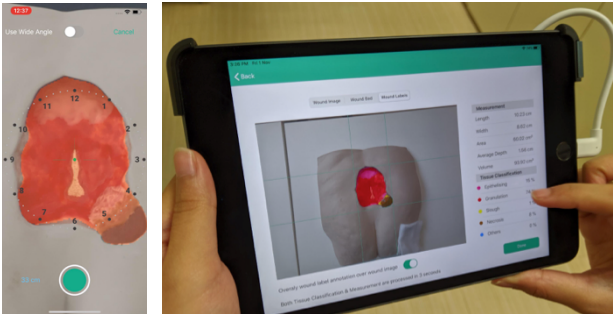
CARES4WOUNDS is an AI assisted wound imaging, measurement, assessment and monitoring application that raises productivity and quality in wound management. It comprises a mobile application and a web-based care planning and monitoring platform.

BASIC FEATURES

Contactless Measuring



3D Measurement



Wound Monitoring

inactivity logout in 1799 seconds

Welcome to Care@Home

Log out

View Add Patient Wound

Home Patient Listings View Patient View Add Patient Wound

Wound Information

Treatment Guidelines

Patient Name: CASE STUDY 1

Wound Image

Epithelising 99.00%

Granulation 0.00%

Slough 0.00%

Necrosis 0.00%

Others 0.00%

Length (cm) 0.00

Width (cm) 0.00

Depth (cm) 0.00

Volume (cm³) 0.00

Surface Area (cm²) 0.00

Undermining N/A

Patient Wound

Location of Wound Hip

Site Left

Date Occurred 12/7/2017

Date Seen 12/14/2017

Category of Wound Pressure Ulcers

Wound Stage Pressure Ulcers Stage 3

Wound Status Acute

Wound Comments N.A.

Visit Date 5/27/2020 3:59:07 PM

Wound Assessment

Exudate Absent

Edges Healthy

PeriWound Healthy

Pain 0

Redness No

Swelling No

Smell No

Warm to Touch No

Infection Status not infected

Wound Bed Score

Wound Bed Score	Value	Score
Healing Edges	Healthy	2
Black Eschar	0.00 %	2
Greatest Wound depth/Granulating Tissue	Granulation = 0%, Depth = 0.00 cm	0
Exudate Amount	Absent	2
Edema	False	2
Periwound Dermatitis	Healthy	2
Periwound Callous/Fibrosis	Healthy	2
Pink Wound bed (Epithelization)	99.00 %	2
Total Score		14

Treatment Objectives

Bioburden Control

MMP Control

Debridement

Rehydration

Exudate Control

Promote Granulation

Encourage Epithelization

Protection

Prevent Scar

Pain Control

Comments

Easy-to-use

Logout Home

Back Patient Wound List

Back Location

Patient List

Teleconsultation

Prototypes

Contact us

C4W-B v1.0.0 (b15)

Wound ID: 105

Wound Site Location: Sacral

Last Assessment Done On: 2020-08-27

Start Assessment

Wound 1 of 1

Add New Wound Site

Please select a wound location

Results Wound Attributes

Back Periwound

Exudate Amount Moderate ++

Exudate Nature Sanguinous

Exudate Consistency Thin/watery

Edges Maceration

Periwound Maceration

Pain 2

Redness

Warm to touch

Swelling

Excoriation/Erosion

Dryness

Add Details

Done

BENEFITS



Productivity

- AI automates wound management process for time savings and standardisation
- Complete Imaging, assessment and treatment planning within 1 minute
- Reduce travel time with remote monitoring and telehealth



Quality of Care

- AI enables standardized and systematic evidence-based documentation
- Wound bed score and progress charts for real time remote monitoring, escalation and timely interventions



Training and Coaching

- Embedded algorithm for added guidance
- Remote monitoring tool and telehealth supports supervision

LATEST FEATURES

AI for Auto Tissue Classification & Auto Measurement

Back Results Modify

Wound Image Wound Bed Wound Labels

Measurement Tissue Classification

Length 12.05 cm

Width 9.2 cm

Area 76.78 cm²

Depth 2.16 cm

Volume 135.35 cm³

Done

Back Results Modify

Wound Image Wound Bed Wound Labels

Measurement Tissue Classification

Epithelising 20 %

Granulation 62 %

Slough 6 %

Necrosis 10 %

Others 0 %

Done



Scan, Assess and Measure in 10 secs with Artificial Intelligence

Treatment Guidance

Back Wound bed Score

Back Treatment Objectives

Back Treatment Options

Parameter Value Score

Healing Edges (Wound Edges) 1 1

Black Eschar (Presence of Necrotic Tissue) 10.90 % 1

Greatest Wound depth/Granulating Tissue 2.16 cm 0

Exudate Amount Moderate ++ 1

Edema (Swelling) False 2

Periwound Dermatitis Maceration 0

Periwound Callous/Fibrosis Maceration 1

Bioburden Control

MMP Control

Debridement

Rehydration

Exudate Control

Promote Granulation

Encourage Epithelization

Protection

Prevent Scar

Cleansing Solutions

Acetic Acid - only applicable Surgical, Acut...

Betadine

Chlorhexidine - only applicable Surgical, Ac...

Normal Saline

Octenidine dihydrochloride

Polyhexanide + Betaine

Superoxide Solution

Hydrogen Peroxide- only applicable Surgic...

Skin Product

Barrier Cream

Barrier Spray

Next

Next

Next



Shortlist of Treatment Products based on Assessment and Treatment Objectives