

# FUNCTIONAL HIGHLIGHTS

As of Jan 2022

Application	CARES4WOUNDS	
Format	Mobile App	Web Based Monitoring
Hardware	1) iPhone*1 2) iPad*1 + Structure Sensor	Any PC / Smart Device with internet connection
Wound Imaging	2D + 3D	2D Image Gallery
Create Wound Assessment	✓	Synchronized with Mobile App via APIs
<b>Wound Image</b>		
Image Processing	✓	-
Manual Options	✓	-
<b>Wound Assessments</b>		
Measurements (Length, Width, Depth, Area & Volume)*2	Automatic with manual option available (Length, Width, Depth, Area & Volume)	Synchronized with Mobile App via APIs
Tissue Classification percentage*2	Automatic with manual option available	Synchronized with Mobile App via APIs
Other attributes based on Triangle of Wounds	✓	✓
Assessment Scores and Infection Flags	✓	✓
<b>Treatment Guidance</b>		
Objective	✓	✓
Product Options	✓	✓
<b>Monitoring</b>		
Wound Healing Charts	-	✓
Vital Signs	-	✓
Downloadable Wound Report	View only	✓
Review Workflow	View latest review comments only	✓
Consolidated Reports	-	✓
<b>Communication</b>		
Chat	✓	✓
Teleconsultation*3	✓	✓

\*1 Email [info@tetsuyuhealthcare.com](mailto:info@tetsuyuhealthcare.com) for the latest supported iPhone and iPad models

\*2 Manual correction is available  
\*3 Optional and usage fees apply

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

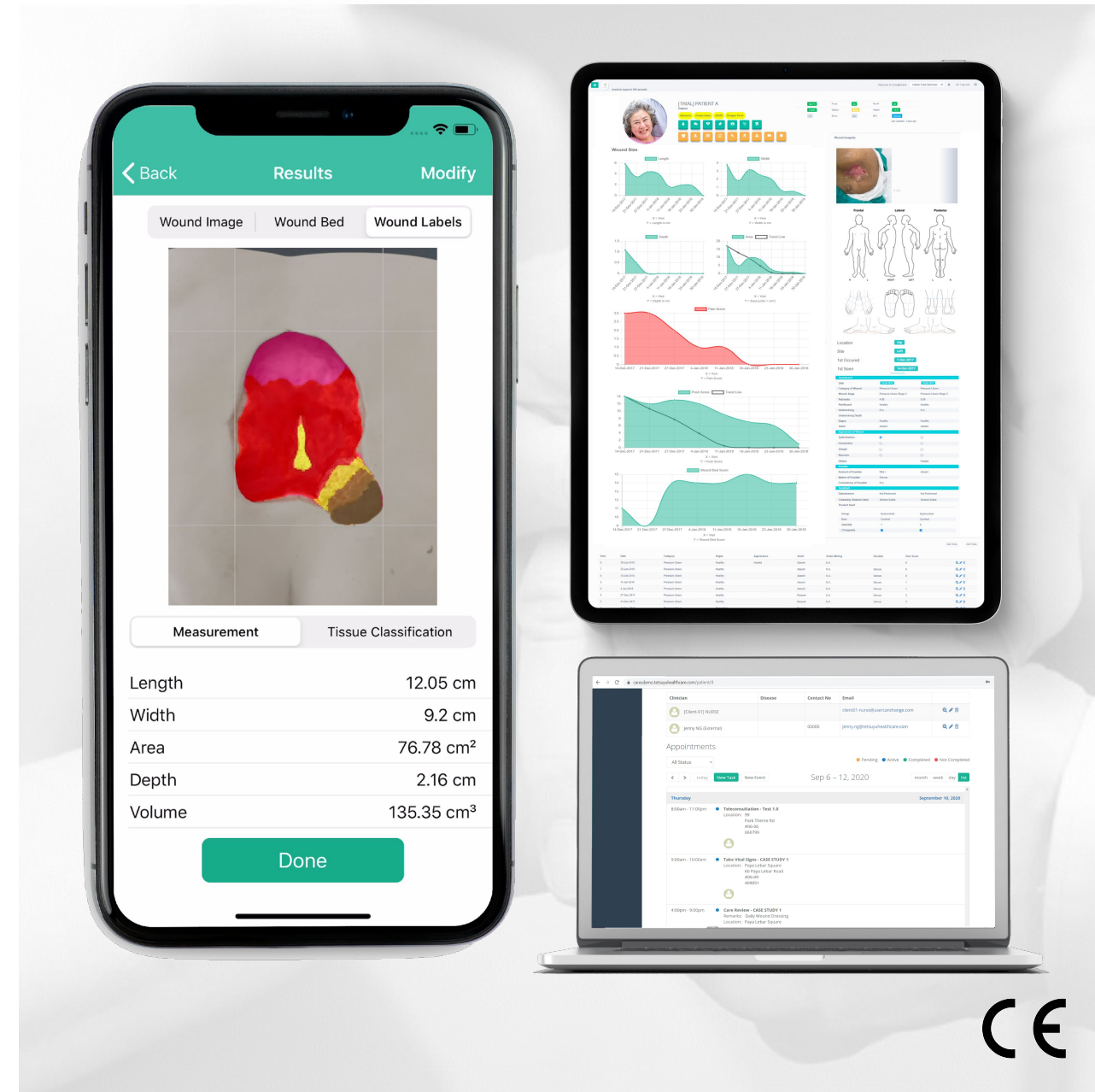
Listed in HSA Class B Medical Device Register for Singapore  
Obtained CE Mark for European Union (EU)



# CARES4WOUNDS

Saving Lives & Limbs through AI

An AI-enabled Wound Care Imaging, Assessment and Management System to raise productivity and quality in wound care.



Listed in HSA Class B Medical Device Register for Singapore

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.

CARES4WOUNDS (Product name: C4W-B) is a medical device, intended for use by clinicians who are managing wounds. It is listed in HSA Class B Medical Device Register for Singapore and has obtained its CE mark for the European Union (EU).

## BENEFITS



### Increased Productivity

- **Within 1 minute:** Complete a wound management session, from imaging to treatment plan.
- Enable standardized and systematic evidence-based approach towards documentation and treatment plans.



### Quality of Care

- Painless and infection risk-free through non-contact AI process.
- Wound bed score and progress charts for real-time remote monitoring, escalation and timely interventions.



### Training and Coaching

- Embedded algorithm for added guidance for less experienced clinicians.
- Remote monitoring tool that supports care supervision.

## FEATURES

**1 Contactless Measuring**

**2 Auto-Measurement**

Measurement	Classification	Depth Analysis
Length		11.79 cm
Width		8.22 cm
Area		67.74 cm <sup>2</sup>
Depth		1.56 cm
Maximum Depth		3.03 cm

**3 Depth Map**

● Maximum	3.03cm
● 80%	2.72cm
● 60%	2.31cm
● 40%	1.67cm
● 20%	0.84cm
● Negative	0%
● NaNs	0%

**4 Auto-Tissue Classification**

● Epithelising	21%
● Granulation	61%
● Slough	6%
● Necrosis	10%
● Others	0%

**5 Option to Manually Select Region of Interest**

**6 Last Assessment Reference and Torch Feature**

**7 Treatment Planning**

← Back Treatment Objectives Cleansing Solutions

Bioburden Control	<input checked="" type="checkbox"/>	Acetic Acid - only applicable Surgical, Acut.
		Betadine
MMP Control	<input type="checkbox"/>	Chlorhexidine- only applicable Surgical, Ac.
Debridement	<input type="checkbox"/>	Normal Saline
		Octenidine dihydrochloride
Rehydration	<input type="checkbox"/>	Polyhexanide + Betaine

**8 Wound Monitoring, Review Workflows with Assessment Reports - incl. Wound Bed, PUSH and Pain score charts**

Wound Image	Classification
Wound	● Epithelising 16.16%
Wound Bed	● Granulation 61.62%
Assessment	● Slough 6.85%
	● Necrosis 8.98%
	● Others 0.00%

Parameter	Value
Length (cm)	11.01
Width (cm)	7.89
Depth (cm)	1.75
Surface Area (cm <sup>2</sup> )	62.17
Max Wound Depth (cm)	9.89
Lengthening	197.48

**Patient Wound**

Location of Wound	Heel
Site	N.A.
Date Occurred	9/22/2020
Date Seen	9/22/2020
Category of Wound	Pressure Ulcers
Wound Stage	Pressure Ulcers Stage 4
Wound Status	Chronic
Wound Comments	
Visit Date	9/22/2020

**Wound Assessment**

Location	N.A.
Edges	N.A.
PeriWound	N.A.
Pain	0
Pressure	N.A.

**Email us** to enquire or book a free demo now!

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Visit our website [www.tetsuyuhealthcare.com](http://www.tetsuyuhealthcare.com) or call +65 6386 2611

