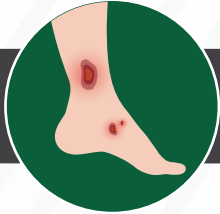


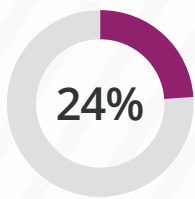
WOUND COMPASS™ Clinical Support Application (CSA)

Reducing practice variation, improving clinician confidence and increasing formulary compliance

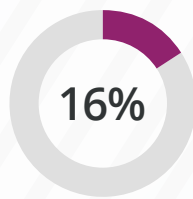
In a digital health event organised by Wiley and the *International Wound Journal* and sponsored by Smith+Nephew, clinicians who have used WOUND COMPASS™ Clinical Support Application (CSA)—a new digital wound care app—in their facilities with their teams discussed their experiences with the app, as well as practice variations in wound management and improvements in wound assessment and clinical decision making for chronic wounds



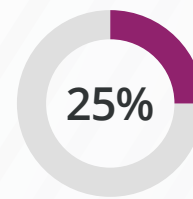
Chronic wounds are a major global health concern



24% of patients live with untreated chronic wounds for up to six months



16% of patients do not experience wound healing for up to or more than a year



25% of wounds are managed without a differential diagnosis

“We’re all aware of the suboptimal outcomes that are seen in most geographies around the world. This is not surprising, as care is provided across many settings and by many different providers.”

—Douglas Queen
Editor, *International Wound Journal*

Factors contributing to sub-optimal wound care



Lack of awareness and low usage of wound assessment tools



Inconsistency in diagnosis and assessment among practitioners



Delay in referral and diagnosis



Lack of access to essential training



Limited monitoring of wound progression



Inadequate risk assessment

Digitalisation of wound care for improved patient outcomes

Advantages of digital healthcare apps

Better patient engagement

Improved healthcare access

Patient safety

Convenience

Efficiency

Accuracy



Uses of healthcare apps

- Administration
- Time management
- Education and training
- Communication
- Information
- Diagnosis
- Patient monitoring
- Electronic record maintenance

“With over 350,000 healthcare apps today and 90,000 last year alone—that’s a whopping 250 per day—digital health is accelerating for sure.”

—Douglas Queen
Editor, *International Wound Journal*

WOUND COMPASS™ Clinical Support Application (CSA)

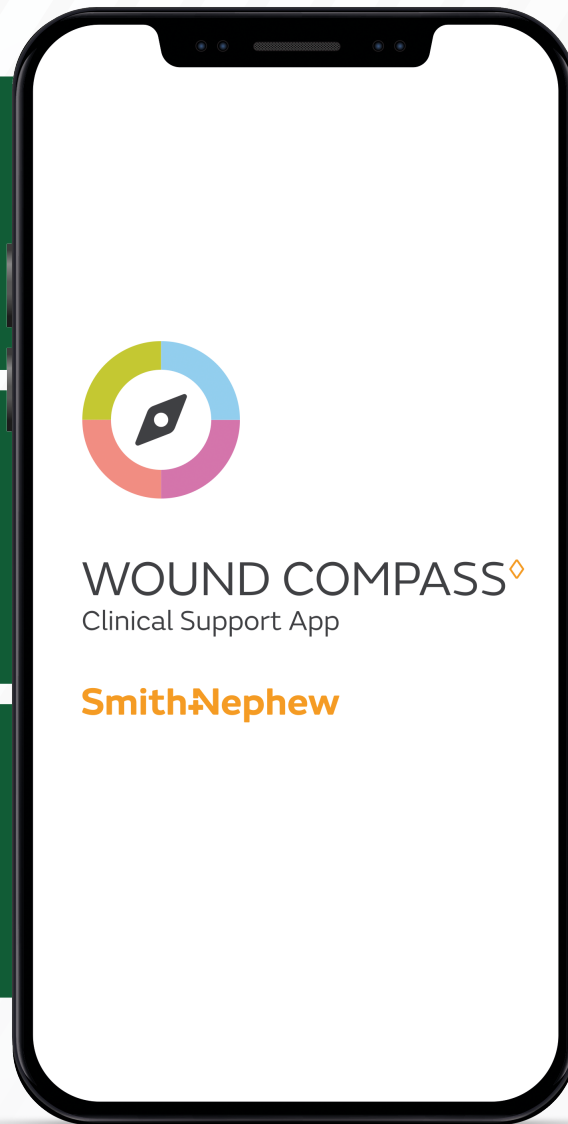
The WOUND COMPASS™ CSA is a comprehensive support tool for healthcare professionals that aids wound assessment and decision-making to help reduce practice variation

“The whole idea behind this solution is to really support wound assessment and clinical decisions through digital solutions.”

—Zena Moore

Professor and Head, School of Nursing and Midwifery, University of Medicine and Health Sciences, Ireland

Aims of the WOUND COMPASS™ app



Help reduce practice variation by simplification and standardisation of wound care

Help strengthen the wound care team by increasing the confidence and contribution of non-wound care specialists

Help improve formulary compliance to aid the selection of the “right product” for the “right wound” at the “right time” and improve resource utilisation

Validated by 70 clinicians through 400 assessments

Recommended by 100% of the wound specialists surveyed

Customised to user's formulary

Reported to improve nurses' confidence in wound assessment

Quick and easy education at point-of-care

“In just 90 seconds, this easy-to-use app helps categorise wounds by their type and appearance. So straight away, when I'm dealing with an individual, I can help to get a good understanding of what is actually wrong with this patient at this point in time and what are the actual goals of care for this patient.”

—Zena Moore

Professor and Head, School of Nursing and Midwifery, University of Medicine and Health Sciences, Ireland

A peek into the WOUND COMPASS™ CSA

Features of CSA



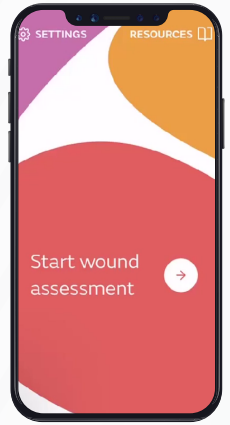
Does not store patient information



Does not require user login



Allows users to save protocols for specific wound types

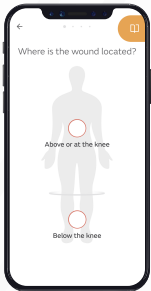


"In addition to providing instructions for wound management, the CSA will also consult the wound specialist for assessments that include bioburden or suspected biofilm, infection, whether classic signs or signs of spreading infection, non-viable tissue (slough and eschar) and no progress after 2 weeks."

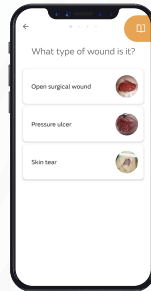
—Terry Coggins

Director, Global Content Development, Smith+Nephew

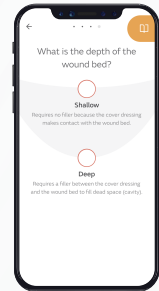
Workflow of CSA



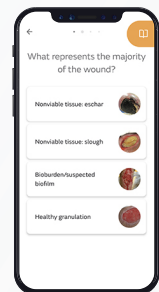
Location of wound



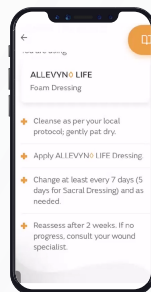
Type of wound
Pressure injury/ulcer; open surgical wound; skin tear; arterial ulcer; venous leg ulcer; diabetic foot ulcer



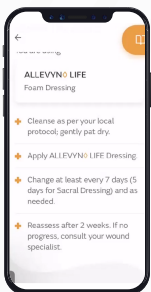
Wound appearance and pain
Tissue viability and wound depth



Images and definitions to confirm wound type
Classification of injury



Customised product formulary



Wound treatment guidance

"There's (also) guidance for treating whatever wound type is selected at the beginning of the assessment. And this is information in addition to the wound treatment itself."

—Terry Coggins

Director, Global Content Development, Smith+Nephew

Advantages of WOUND COMPASS™ CSA



Provides guidance on treatment and products based on user's formulary

"We are always looking for ways to train, support, and empower our staff to ensure our patients receive the best of care. This is where the CSA app can have a significant impact. It standardises the approach to assessment and product usage, as it has been made bespoke to our service."

—**Georgina Ayng**

Tissue Viability Clinical Nurse Specialist, Medway Hospital, UK



Easy to use in diverse clinical settings

"The fact that the WOUND COMPASS™ app is a standalone app has allowed this to be easily added to clinicians' work phones and used independently as a clinical support tool."

—**Matthew Payne**

Tissue Viability Nurse Specialist, Southern Health NHS Foundation Trust, UK



Builds non-wound specialists' confidence while treating wounds

"After the WOUND COMPASS™ CSA use, we found that our nurses experienced increased confidence in their abilities to select appropriate wound care treatments based on the specific types of wound they were treating by accessing the resources at the point of care."

—**Aundrea J. Horton**

Director of Education, Home Health and Hospice, HCA Healthcare, USA



Helps standardise wound assessment protocols

"The app, in live-time, it's staying there, it's with the clinicians to support them in standardising and supporting the consistency for wound dressing."

—**Nina Murphy**

Clinical and Operational Lead Tissue Viability Nurse, Mayflower Community Hospital, UK



Reduces wound assessment time

"The CSA app was extremely quick and easy to use."

—**Georgina Ayng**

Tissue Viability Clinical Nurse Specialist, Medway Hospital, UK



Helps reduce clinical practice variation

"Across the board, we saw reduced practice variation among the treatment of similar wound types, simply by providing an evidence-based, streamlined selection (of products)."

—**Aundrea J. Horton**

Director of Education, Home Health and Hospice, HCA Healthcare, USA



Provides real-time assistance

"The WOUND COMPASS™ CSA with on-the-spot support and real-time advice is a real asset to many new and inexperienced clinicians, helping with their assessment and treatment decision-making."

—**Matthew Payne**

Tissue Viability Nurse Specialist, Southern Health NHS Foundation Trust, UK



Enhances formulary compliance and cost-effectiveness

"What I really liked about the app was that we could download a formulary onto the app, and what it helped us to do was allow clinicians to go out there and assess the wounds as they would normally do but also have access to the suggested dressings at their fingertips."

—**Nina Murphy**

Clinical and Operational Lead Tissue Viability Nurse, Mayflower Community Hospital, UK

CALL TO ACTION



Sub-optimal wound care can have a significantly negative impact on the long-term outcomes of patients



The WOUND COMPASS™ CSA is an easy-to-use, convenient and cost-effective educational and training resource in wound care assessment and treatment



Implementation of the CSA in routine practice will help decrease variation across wound care practitioners, thereby supporting a standard protocol for wound care