



# Tissue Viability bulletin

## June 2025

**The aim of this current awareness bulletin is to provide a digest of recent articles and guidelines on Tissue Viability**

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**‘Made Easy’ Series - Available from Wounds UK**

[Made Easy – Wounds UK](#)

### Articles

**Digital wound management: how it works and its potential benefits in wound care practice.**

The increasing availability and usability of smartphone technology in healthcare has led to a rise in the use of point-of-care digital devices and solutions including wound management digital systems (WMDS). WMDS, which use high-quality sequential wound images, digital planimetry and/or artificial intelligence technology, enable healthcare practitioners to standardise wound assessments  
Nursing Standard 2025 40(6) 61-66

**Comparison and evaluation of negative pressure wound therapy versus standard wound care in the treatment of diabetic foot ulcers**

Diabetic foot ulcers (DFUs) pose a substantial global health burden, affecting approximately 15% of individuals with diabetes during their lifetime  
BMC Surgery 2025 25(1) 208

**Safely Targeting Cancer, the Wound That Never Heals, Utilizing CBP/Beta-Catenin Antagonists**

Unresolved wound healing is a critical factor in cancer. More generally, inappropriate wound healing can promote chronic progressive fibroinflammatory diseases, including organ fibrosis and neurodegeneration. Transient loss of lineage fidelity is important for wound healing however, persistent lineage infidelity is associated with cancer and fibrosis.  
Cancer 2025 17(9) 1503



### **Assessing Clinician Consistency in Wound Tissue Classification and the Value of AI-Assisted Quantification: A Cross-Sectional Study**

This study investigated the relationship between clinician assessments and the AI-generated scores, highlighting how correlations vary based on clinician expertise. It also explored the proportion of tissue types identified by clinicians relative to AI assessments and assess the inter-clinician agreement in quantifying tissue types, identifying variations based on clinician experience.

International Wound Journal 2025 22(6) e70691

### **Empathy in Wound Care: A Scoping Review of Its Role, Impact, and Barriers to Person-Centred Healing**

Empathy plays an important role in delivering healthcare, influencing both patient outcomes and satisfaction. However, its role, impact, and barriers to implementation in wound care remain underexplored. This scoping review aims to synthesise existing literature on empathy in wound care, highlighting its contributions to person-centred healing.

International Wound Journal 2025 22(6) e70687

### **Patient Participation in Acute Surgical Wound Care: A Descriptive Qualitative Study**

Post-operative wound complications, such as surgical site infections and surgical wound dehiscence, are a global concern for healthcare systems (Royle et al. 2023; Totty et al. 2021). With 11% of general surgical patients developing an infection within 30 days of surgery (Gillespie et al. 2021), surgical site infections in particular are among the most prevalent healthcare-acquired infections, resulting in lengthier hospital stays and increased medical expenses (Andersson et al. 2010; McCaughan et al. 2018).

Journal of Advanced Nursing 2025 2025 Apr 28. doi: 10.1111/jan.16959.

### **Prevalence and Mechanisms of Itch in Chronic Wounds: A Narrative Review**

Itch is a commonly experienced problem by individuals with chronic wounds and greatly compromises their quality of life. Scratching can further hinder the wound healing process. Despite this being a clinically recognized issue, our knowledge of its exact prevalence in chronic wounds of different types and the molecular mechanisms driving it is limited.

Journal of Clinical Medicine 2025 14(9) 287

### **Trigona honey effect on wound pH and healing in diabetes-related foot ulcers: A case series**

Diabetes-related foot ulcers (DFUs) often become chronic due to prolonged inflammation and alkaline wound pH. Trigona honey is a potential therapy due to its low pH and antimicrobial properties. This case series explores pH dynamics and the effect of Trigona honey therapy on healing of DFUs and offers insights into optimizing treatment strategies to improve healing outcomes.

Complimentary Therapies in Clinical Practice 2025 May 59 101975



### **Relationships between anxiety, depression and wound healing outcomes in adults: A systematic review and meta-analysis**

Wound healing is crucial in recovery from injury and surgical wounds. Wound management presents a significant clinical, economic, and social burden and in the UK costs the NHS an estimated £8.3 billion per year [1]. Delayed healing is associated with increased pain, psychological distress, reduced mobility and social isolation [2]. Wound healing is a complex, dynamic, multi-stage process influenced by multiple factors.

PLoS one 2025 20(5) e0309683

### **A Prospective, Controlled, Randomised, Clinical Study of Negative Pressure Device Without Foam or Gauze for Skin and Soft Tissue Defects**

All common negative pressure wound therapy (NPWT) systems include a filler material usually foam or gauze at the wound/device interface. The filler material distributes the negative pressure evenly to all parts of the wound. The foam or gauze may fragment contributing to foreign material being retained in the wound, becoming colonised with bacteria over time, and painful dressing changes.

International Wound Journal 2025 22(5) e70144

## **Best Practice and Guidelines**

Cochrane Library 2025

### **Prophylactic abdominal drainage for pancreatic surgery**

This is the fourth update of a Cochrane review first published in 2015 and last updated in 2021. The use of surgical drains is a very common practice after pancreatic surgery. The role of prophylactic abdominal drainage to reduce postoperative complications after pancreatic surgery is controversial

Available from:

[cochranelibrary.com/cdsr/doi/10.1002/14651858.CD010583.pub6/epdf/full](https://cochranelibrary.com/cdsr/doi/10.1002/14651858.CD010583.pub6/epdf/full)

Cochrane Library 2025

### **Proton pump inhibitors for the prevention of non-steroidal anti-inflammatory drug-induced ulcers and dyspepsia**

Non-steroidal anti-inflammatory drugs (NSAIDs) are among the most frequently prescribed medicines, commonly used to mitigate pain, inflammation, and cardiovascular prevention, among others. Chronic NSAID consumption increases the risk of acute renal failure, stroke, myocardial infarction, and gastrointestinal toxicity, ranging from mild dyspepsia to serious ulcer complications such as bleeding, obstruction, and perforation. Proton pump inhibitors (PPIs) may exert a gastro protective effect from NSAID gastroduodenal injury by reducing gastric acid secretion.

Available from:

[cochranelibrary.com/cdsr/doi/10.1002/14651858.CD014585.pub2/epdf/full](https://cochranelibrary.com/cdsr/doi/10.1002/14651858.CD014585.pub2/epdf/full)



Society of Tissue Viability 2025

**Seating Guidelines: for people, carers and healthcare & social care professionals**

This third version of the seating guidelines aims to deliver a practical guide, using the most up to date research and evidence on pressure ulcer prevention and management. This guide can be applied to those who remain seated for extended periods of time across health and social care settings. In the UK, over 700,000 patients are affected by pressure ulcers each year; 180,000 of those are newly acquired and their treatment is estimated to cost the NHS £3.8 million every day

Available from: [SEATING-GUIDELINES.pdf](#)

Wounds UK 2025

**Best Practice Statement: Implementation of a validated non-healing wounds pathway in practice: learning from UK healthcare settings**

Non-healing wounds are a significant burden on patients, clinicians and healthcare systems worldwide. Although it is hard to estimate the exact cost of care for non-healing wounds, overall wound care estimates reach several billion pounds per year in developed countries (Queen and Harding, 2023).

Available from: [SN25 BPS PICO WUK-WEB.pdf](#)