



# Tissue Viability Bulletin

# January 2024

## How to obtain an article

If you would like to request any of the latest articles included in this bulletin, or to be put onto the bulletin's distribution list, please contact:

[library.pilgrim@ulh.nhs.uk](mailto:library.pilgrim@ulh.nhs.uk)

Access the **Journal of Wound Care** online at the [NHS Knowledge and Library HUB](#)

A NHS OpenAthens username and password is required to view this journal. Please see the **Library Services** section below on how to register for a NHS OpenAthens account.

## eBook freely available

[Mind the gap: a handbook of clinical signs in black and brown skin](#)

Malone Mukwende

## Articles

### **Adapting a tissue viability education programme to online learning**

Education plays a fundamental role in the delivery of high-quality, person-centred care across all healthcare disciplines, including pressure ulcer prevention and wound care.

Nursing Times 2023 119(12) 27-29

### **Assessing and documenting dark skin tones in stoma care**

The stoma care nurse (SCN) assesses peristomal skin during each patient intervention. Living in a diverse multicultural society, the SCN needs to consider dark skin tones and how these are documented. This article looks at how the literature on peristomal skin assessment and available tools discuss skin colour, and compare this with the tissue viability literature.

British Journal of Nursing 2023 32(22) S22-S26

### **Autologous blood products: Leucocyte and Platelets Rich Fibrin (L-PRF) and Platelets Rich Plasma (PRP) gel to promote cutaneous ulcer healing – a systematic review**

To summarise evidence on the effectiveness of Platelet-Rich Plasma (PRP) gel and Leucocyte and Platelet Rich Fibrin (L-PRF) gel as agents promoting ulcer healing compared with the standard wound dressing techniques alone.

BMJ Open 2023 3(12) e073209.

### **Use of acellular fish skin grafts in wound healing: a literature review**

Ideally, a good skin graft substitute should be readily available, cost-effective, have a low disease transmission risk, reduce infection and scarring, and aid wound healing. Fish skin grafts (FSG) are an accessible option to most populations.

Wounds UK 2023 19(4) 14-20



### **Hydrogel-Based Dressings Designed to Facilitate Wound Healing**

The escalating prevalence of wounds, particularly chronic wounds, poses significant challenges in terms of treatment management and has led to an increase in healthcare expenditure. Hydrogel-based dressings play a crucial role in wound management due to their unique properties.

Material Advances 2023, DOI: 10.1039/D3MA00682D.

## **Best Practice and Guidelines**

Cochrane Library 2023

### **Pressure-garment therapy for preventing hypertrophic scarring after burn injury**

Burn damage to skin often results in scarring; however in some individuals the failure of normal wound-healing processes results in excessive scar tissue formation, termed 'hypertrophic scarring'. The most commonly used method for the prevention and treatment of hypertrophic scarring is pressure-garment therapy (PGT). PGT is considered standard care globally; however, there is continued uncertainty around its effectiveness.

Available from:

[cochranelibrary.com/cdsr/doi/10.1002/14651858.CD013530.pub2/epdf/abstract](https://cochranelibrary.com/cdsr/doi/10.1002/14651858.CD013530.pub2/epdf/abstract)

Cochrane Library 2023

### **Limited versus full sternotomy for aortic valve replacement**

Aortic valve disease is a common condition easily treatable with cardiac surgery. This is conventionally performed by opening the sternum ('median sternotomy') and replacing the valve under cardiopulmonary bypass. Median sternotomy is well tolerated, but as less invasive options become available, the efficacy of limited incisions has been called into question.

Available from: [Kirmani et al-2023-Cochrane Database of Systematic Reviews \(1\).pdf](#)

UK Health Security Agency 2023

### **Surveillance of surgical site infections in NHS hospitals in England April 2022 to March 2023**

In the financial year 2022 to 2023, 183 NHS hospitals representing 124 NHS trusts and 8 Independent Sector (IS) NHS treatment centres submitted surveillance data for 125,095 surgical procedures to the UK Health Security Agency (UKHSA, previously Public Health England) Surgical Site Infection (SSI) Surveillance Service

Available from: [Surveillance of surgical site infections in NHS hospitals \(publishing.service.gov.uk\)](https://publishing.service.gov.uk)

Wounds UK

### **Best Practice Statement: Development of a wound care formulary using clinical evidence and ensuring effective change management**

With an increasing number of chronic wounds, growing availability of wound care products and rising costs (Guest et al, 2020), selecting a cost-effective product remains a significant aspect of wound care.

Available from: [URG23 BPS Formulary WUK-WEB.pdf \(wounds-uk.com\)](#)



### **Library Services**

**Website:** <https://www.nhslincslibrary.uk/>

#### **Register for a NHS OpenAthens account**

Register for a NHS OpenAthens account via the following link: <https://openathens.nice.org.uk/>

#### **KnowledgeShare**

Sign up to KnowledgeShare and we will send out regular emails alerting you to the latest evidence on a particular topic. To sign up, please click on the following link:

<https://www.nhslincslibrary.uk/knowledgeshare-request/>

#### **Evidence Searching Training**

If you need evidence, we can provide training on how to search the healthcare databases and resources. We can also show you how to appraise the information that you find. To book a training session please contact [clinical.librarian@ulh.nhs.uk](mailto:clinical.librarian@ulh.nhs.uk). More information can be found at:

<https://www.nhslincslibrary.uk/training/>