



Tissue Viability Bulletin

September 2023

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Articles

Venous and lymphovenous lower limb wound outcomes in specialist UK wound and lymphoedema clinics

This article explores the impact of combining tissue viability and lymphoedema techniques on optimising time to healing.

British Journal of Nursing 2023 32(15) S12-S18

Implementing a new regimen to manage a difficult-to-heal lymphovenous leg ulcer

The case study described in this article shows the use of different approaches and techniques that need to be utilised when treating patients presenting with a combination of venous and lymphatic disease (lymphovenous) in order to improve complex wound outcomes.

British Journal of Nursing 2023 32(15) S20-S24

The use of clinical simulation in wound care education for nurses: a scoping review protocol

Many nurse educators consider simulation a valuable tool to supplement and augment learning due to current shortages of clinical placements. Wound care is integral to nursing practice yet many students and practicing nurses experience difficulties in securing sufficient learning opportunities or experience at the undergraduate level to feel competent in providing it.

British Journal of Nursing 2023 32(15) S26-S32

Wound care in the wake of the pandemic

Bernard Ross reports on a survey of experts and patients, which sought views on the effects of the COVID 19 pandemic on the delivery of tissue viability care.

Clinical Services Journal 2023 22(7) 53-55



Evaluation of microMend wound closure device in repairing skin lacerations

microMend, a novel microstaple skin closure device, may be able to close simple lacerations. This study aimed to evaluate the feasibility and acceptability of using microMend to close these wounds in the ED.

Emergency Medicine Journal 2023 40(8) 564-568

Desktop Virtual Reality Offers a Novel Approach to Minimize Pain and Anxiety during Burn Wound Cleaning/Debridement in Infants and Young Children: A Randomized Crossover Pilot Study

Although most scald burn injuries involve children under six, because of the challenges of using head mounted displays with young children there is very little research exploring the use of VR in children under six. The current clinical pilot study measured the analgesic effectiveness of our new desktop VR system (with no VR helmet) in children under six during burn wound care (a within-subjects design with randomized treatment order).

Journal of Clinical Medicine 2023 12(15) 1-16

Best Practice and Guidelines

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Surgical approach to hysterectomy for benign gynaecological disease

Currently, there are five major approaches to hysterectomy for benign gynaecological disease: abdominal hysterectomy (AH), vaginal hysterectomy (VH), laparoscopic hysterectomy (LH), robotic-assisted hysterectomy (RH) and vaginal natural orifice hysterectomy (VNOTES). Within the LH category we further differentiate the laparoscopic-assisted vaginal hysterectomy (LAVH) from the total laparoscopic hysterectomy (TLH) and single-port laparoscopic hysterectomy (SP-LH).

Available from: [CD003677.pdf \(cochranelibrary.com\)](#)

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Dressings and topical agents containing hyaluronic acid for chronic wound healing

Hyaluronic acid is synthesised in plasma membranes and can be found in extracellular tissues. It has been suggested that the application of hyaluronic acid to chronic wounds may promote healing, and the mechanism may be due to its ability to maintain a moist wound environment, which helps cell migration in the wound bed

Available from: [cochranelibrary.com/cdsr/doi/10.1002/14651858.CD012215.pub2/epdf/full](#)

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Endovenous ablation for venous leg ulcers

Venous leg ulcers (VLUs) are a serious manifestation of chronic venous disease affecting up to 3% of the adult population. This typically recalcitrant and recurring condition significantly impairs quality of life, and its treatment places a heavy financial burden upon healthcare systems. The longstanding mainstay treatment for VLUs is compression therapy. Surgical removal of incompetent veins reduces the risk of ulcer recurrence

Available from: [cochranelibrary.com/cdsr/doi/10.1002/14651858.CD009494.pub3/epdf/full](#)



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Hydrogel dressings for donor sites of split-thickness skin grafts

Donor site wounds of split-thickness skin grafts can be a major cause of morbidity. Choosing the appropriate dressing for these wounds is crucial to successful healing. Various types of dressing are available, including hydrogel dressings. A review of current evidence is required to guide clinical decision-making on the choice of dressing for the treatment of donor sites of split-thickness skin grafts.

Available from: cochranelibrary.com/cdsr/doi/10.1002/14651858.CD013570.pub2/epdf/full

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Hyperbaric oxygen therapy for late radiation tissue injury

Cancer is a significant global health issue. Radiotherapy is a treatment modality for many malignancies, and about 50% of people having radiotherapy will be long-term survivors. Some will experience late radiation tissue injury (LRTI), developing months or years following radiotherapy. Hyperbaric oxygen therapy (HBOT) has been suggested as a treatment for LRTI based on the ability to improve the blood supply to these tissues. It is postulated that HBOT may result in both healing of tissues and the prevention of complications following surgery and radiotherapy.

Available from: cochranelibrary.com/cdsr/doi/10.1002/14651858.CD005005.pub5/epdf/full

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Topical ophthalmic anesthetics for corneal abrasions

Despite potential analgesic benefits from topical ophthalmic amides and esters, their outpatient use has become of concern because of the potential for abuse and ophthalmic complications.

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