



Tissue Viability Bulletin

July 2022

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Articles

Alcoholic chlorhexidine skin preparation or triclosan-coated sutures to reduce surgical site infection: a systematic review and meta-analysis of high-quality randomised controlled trials

WHO and the UK's National Institute for Health and Care Excellence recommend alcoholic chlorhexidine skin preparation and triclosan-coated sutures to prevent surgical site infections (SSIs). Existing meta-analyses that include studies at high risk of bias, combined with the recent publication of large, randomised trials, justify an updated meta-analysis of high-quality randomised controlled trials (RCTs).

Lancet Infectious Diseases, 2022, online

Risk factors for the development and evolution of deep tissue injuries: A systematic review

The aim of this systematic review is to identify the current epidemiological evidence indicating the unique risk factors for deep tissue injury (DTI) compared to grade I-IV pressure injury (PI), the proportion of DTI which evolve rather than resolve and the anatomical distribution of DTI

Journal of Tissue Viability, 2022, online

Reshaping wound care: Evaluation of an artificial intelligence app to improve wound assessment and management amid the COVID-19 pandemic

Wound documentation is integral to effective wound care, health data coding and facilitating continuity of care. This study evaluated the usability and effectiveness of an artificial intelligence application for wound assessment and management from a clinician-and-patient user perspective

International Wound Journal, 2022, online



Best Practice and Guidelines

British Association of Dermatologists 2022

BAD and NHS England & NHS Improvement guidance on the safe use of potassium permanganate soaks.

Potassium permanganate is a chemical compound that can be obtained as a 'tablet', solution or crystals; it is not licensed as a medicine. Within the NHS, it is available in a concentrated form for external use only, usually as a 400 mg 'tablet' (Permitabs[®], EN-Potab[®]) or occasionally as a 5% solution for dilution. Within this guidance document, all potassium permanganate forms will be referred to as 'potassium permanganate concentrate', as there are no readily available dilute solutions.

Available from: [Guidance-for-safe-use-of-potassium-permanganate-soaks-FINAL-for-website.pdf \(bad.org.uk\)](https://www.bad.org.uk/guidance-for-safe-use-of-potassium-permanganate-soaks-final-for-website.pdf)

NICE 2022

Granulox for managing chronic nonhealing wounds

Granulox (Mölnlycke Health Care) is a topical sterile haemoglobin spray for treating chronic nonhealing wounds, such as diabetic foot ulcers, venous leg ulcers and pressure ulcers. The company claims that the spray can transport oxygen to the base of non-healing wounds to support wound healing. It is sprayed onto the wound bed after debridement and before the relevant dressing is applied. The company claims that 1 canister of Granulox (12 ml) is sufficient for up to 30 applications, depending on the size of the wound.

Available from: [Granulox for managing chronic non-healing wounds \(nice.org.uk\)](https://www.nice.org.uk/granulox-for-managing-chronic-non-healing-wounds)

Cochrane Library 2022

Videolaryngoscopy versus direct laryngoscopy for adults undergoing tracheal intubation

Tracheal intubation is a common procedure performed to secure the airway in adults undergoing surgery or those who are critically ill. Intubation is sometimes associated with difficulties and complications that may result in patient harm. While it is traditionally achieved by performing direct laryngoscopy, the past three decades have seen the advent of rigid indirect videolaryngoscopes (VLs). A mounting body of evidence comparing the two approaches to tracheal intubation has been acquired over this period of time. This is an update of a Cochrane Review first published in 2016.

Available from:

<https://www.cochranelibrary.com/cdsr/doi/10.1002/14651858.CD011136.pub3/epdf/full>



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