

# Cinesteam® Dressing: An Innovative Approach to Wound Odour Control

Keith Moore, Clinical Nurse Specialist Tissue Viability, Bridgewater Tissue Viability Team Lead, Bridgewater Community Healthcare NHS Foundation Trust

## Introduction

Wound odour control is vital for patient comfort and healing. Unpleasant odours from wounds can lead to embarrassment, anxiety, and reduced quality of life for patients. Cinesteam, a new cinnamon-containing dressing, aims to address this challenge with a pleasant scent and effective odour control. This study evaluates its effectiveness and acceptability across various wound types, including necrosing limbs, malignant wounds, and mixed aetiology leg ulcers. The introduction provides a comprehensive overview of the problem of wound odour, the rationale for using scented dressings, and the specific objectives of the study.

## Method

Eleven patients with various wound types (table 1) were selected for evaluation using Cinesteam dressing. Evaluations took place over a maximum period of 14 days, at 6 centres across the UK. Assessments were made on wound characteristics, odour control, and user satisfaction. The study was conducted in a clinical setting, with healthcare professionals providing detailed observations and feedback on the dressing's performance. The methodology included a systematic examination of wound status, dressing application, patient feedback, and healthcare professional insights. The study design allowed for a nuanced understanding of the dressing's performance across different wound characteristics and patient needs.

## Results

Cinesteam dressing significantly reduced wound odour in all cases (table 3). Patients appreciated the cinnamon scent, and healthcare professionals rated the product highly in terms of ease of use and effectiveness in odour control. In 10 out of 11 cases, clinicians rated Cinesteam's odour control properties as 'very good'.



The results section offers a detailed analysis of the data, including statistical comparisons, qualitative insights, and a nuanced understanding of the dressing's performance across various wound types.

## Patient and Clinician Impact

"Patient reported cinnamon odour reminded him of Christmas and happy memories."

"Excellent new product to enable clinicians to manage wound odour. Easy to apply and good patient concordance. Patient liked the fact it contained cinnamon and found it made him feel more confident in leaving the house as previously he was conscious of the wound odour."

"When I applied the dressing, the patient was amazed at how immediately the odour disappeared. The patient felt so happy because he was feeling embarrassed about the smell."

"Patient and nurses liked Cinesteam so much, they are carrying on using it via GP."

## Discussion

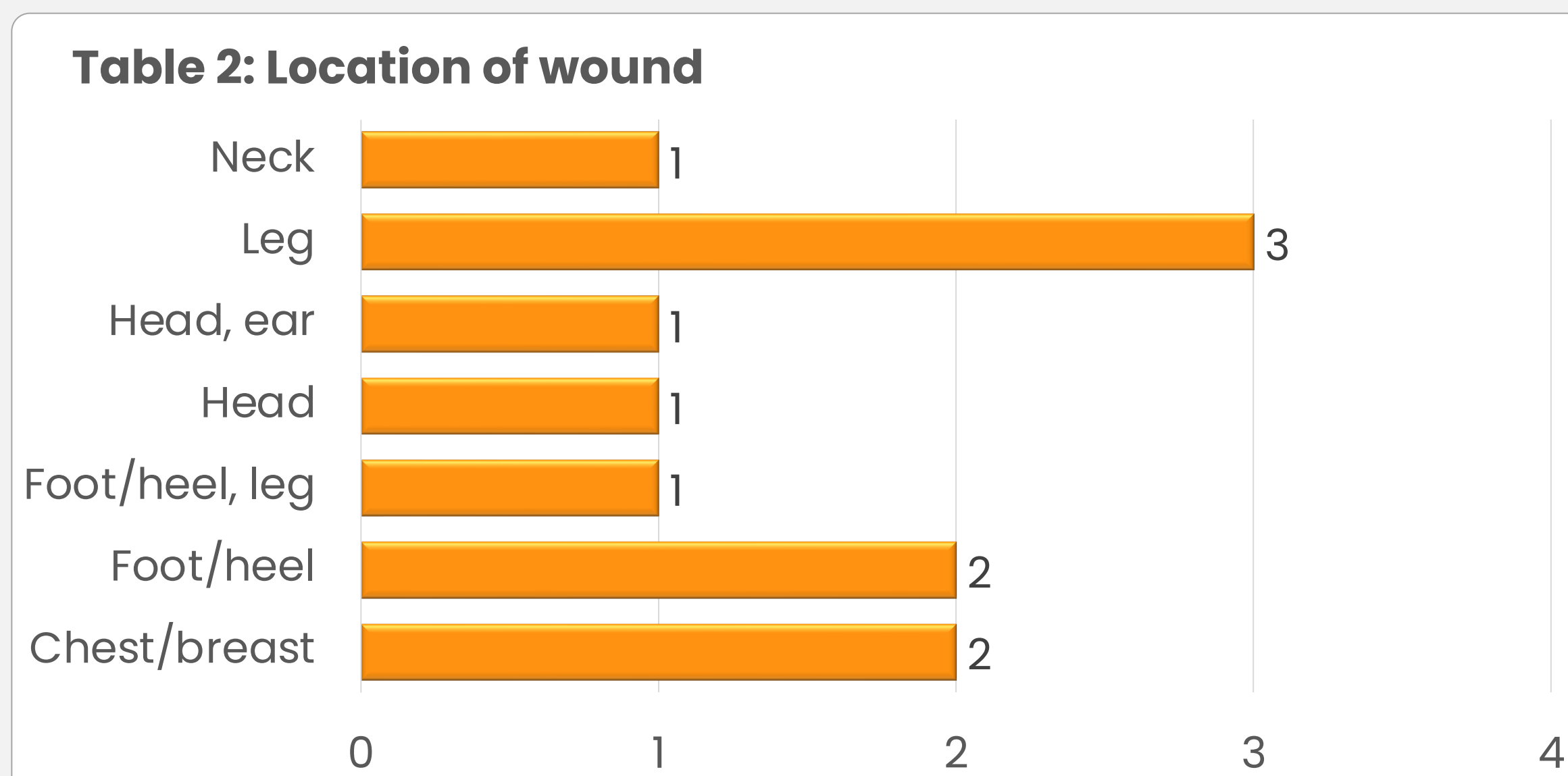
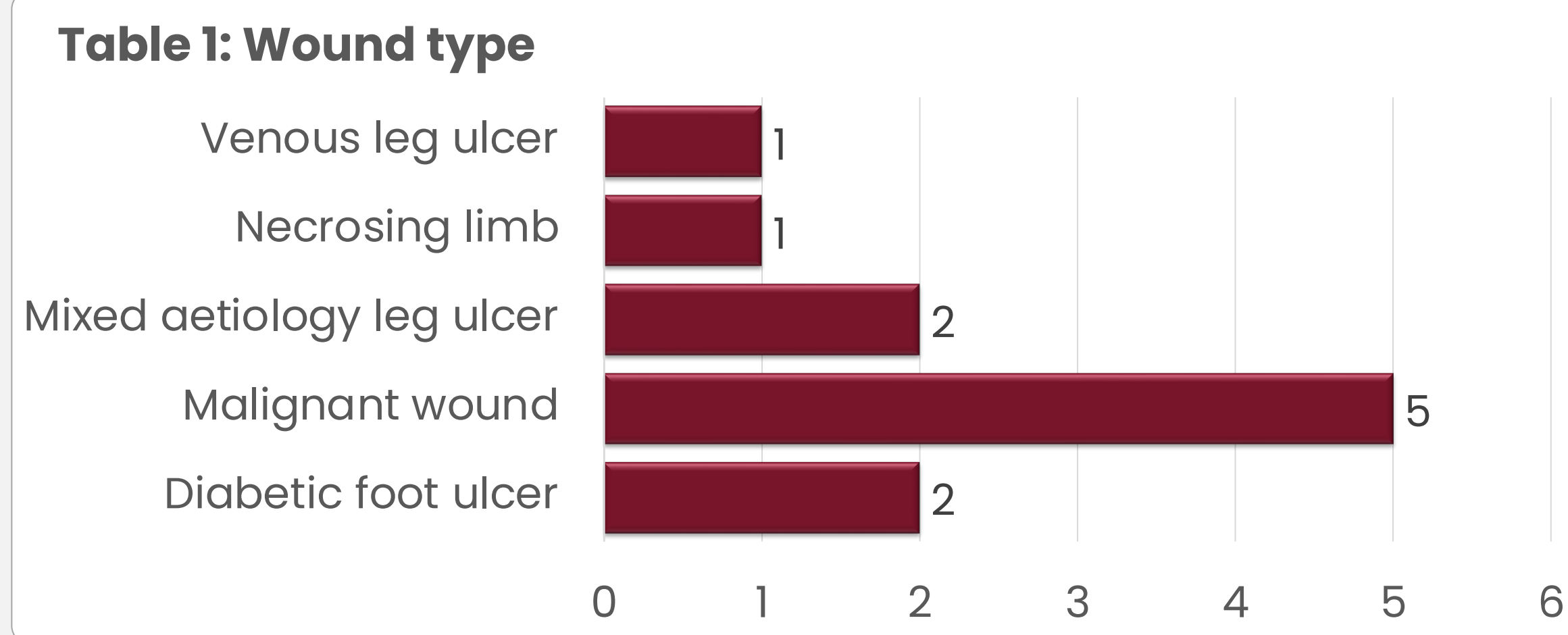
The results demonstrate the potential of Cinesteam dressing as an innovative solution for wound odour control. The positive feedback from patients and healthcare professionals indicates its suitability for various wound types. The study also highlights the importance of considering patient preferences and needs in product design, as evidenced by the positive reception of the cinnamon scent. The real-world clinical context of the study adds to its relevance and applicability. The discussion further explores the implications of the findings, considering the broader context of wound care, patient preferences, and the evolving landscape of innovative treatment options.

## Conclusion

Cinesteam dressing provides a promising solution for wound odour control, with positive feedback from both patients and healthcare professionals. Its unique cinnamon content and ease of application make it a valuable addition to wound care practice. Further research may explore its full potential in diverse clinical settings, including chronic and complex wound conditions. The findings of this study contribute to the growing body of evidence supporting innovative approaches to wound care and highlight the potential of scent-based interventions.

## References

Gethin, Georgina et al. "Current practice in the management of wound odour: an international survey." *International journal of nursing studies* vol. 51(6) (2014): 865-74. doi:10.1016/j.ijnurstu.2013.10.013. Cinesteam is a registered trademark of Cemag Care.



**Table 3: Wound odour at initial assessment without a dressing in situ, vs wound odour at final assessment with Cinesteam in situ**

