

Stratamed® efficacy following difficult Mohs Surgery (SCC)



Rancour, E. A., Wehlage, K. M., Kuhar, M., & Somani, A. K. (2021). Unusual Calcification Mimicking Periosteal Tumor Invasion in a Squamous Cell Carcinoma Treated With Mohs Micrographic Surgery. *Dermatologic surgery: official publication for American Society for Dermatologic Surgery* [et al.], 47(4), 545–547.



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the original study

Summary

Mohs micrographic surgery (MMS) is a widely acknowledged approach for treating high-risk nonmelanoma skin cancers (NMSCs). Despite its success, accurate microscopic interpretation of histology on frozen sections poses challenges.

This study discusses a **rare case of focal dystrophic periosteal calcification masquerading as periosteal tumour invasion** in a 93-year-old woman undergoing MMS for Squamous Cell Carcinoma (SCC).

It addresses the use of Stratamed® wound dressing, in conjunction with a tri-layered porcine SIS extracellular matrix (OASIS Ultra), highlighting their potential for wound management and accelerated healing post-Mohs surgery for SCC.



Figure 1: A 93-year-old woman underwent MMS for a 3.0- x 3.0-cm squamous cell carcinoma on her right superior lateral forehead (A). The exophytic tumour, clinically nonmobile with central crust, required three stages for complete removal, resulting in a 4.7- x 4.2-cm defect down to the calvarium (B).



Figure 2: Healing progression with Stratamed® on a chronic, non-healing post-Mohs surgery scalp wound. (A) Day of skin graft removal and initial Stratamed® application without secondary dressing. (B) One week post-application. (C) Six weeks post-application.*

*Taken from Marini, L., et al. (2017). *Dermatologic Surgery*, 43 Suppl 1, S85–S90.

Results

- The use of Stratamed® contributed to the **successful management of the postoperative wound**.
- Despite the patient's advanced age and the challenging surgical procedure, the **wound resolved within 7 weeks**.

Stratamed®: Reasons for Effectiveness

The successful healing of the sizable defect, resulting from tumour excision, is attributed to the strategic use of Stratamed®, in conjunction with a tri-layered porcine SIS extracellular matrix (OASIS Ultra) to facilitate and accelerate the healing of the surgical wound by secondary intention.

The paper highlights the effectiveness of Stratamed® in wound care, particularly the **importance for accelerated healing**, considering the circumstances of the patient, including the location and size of the defect, as well as the patient's age and preferences.

Rancour, E. A., et al. (2021), states,

"Given the location and size of the defect, the age and preferences of the patient, the wound was allowed to heal by secondary intention facilitated and accelerated by placement of a tri-layered porcine SIS extracellular matrix (OASIS Ultra) in conjunction with a silicone-based gel wound dressing (Stratamed®). The defect was completely healed within 7 weeks."

For more information, please contact us at:
inquiries@stratpharma.com