



POSTERS

FINAL DESTINATION: THE PURSE-STRING CLOSURE**M. Crivellari, M. Venturini, P. Monari***Dermatology Department, University of Brescia, ASST Spedali Civili di Brescia, Brescia, Italy***Keywords:** Wound Clousure, Purse-String Suture.

Introduction. Surgical excision remains the gold standard for treating skin epitheliomas, specifically basal cell carcinoma (BCC) and squamous cell carcinoma (SCC). Managing post-surgical defects, particularly in aesthetically sensitive areas or regions with limited skin laxity, often requires complex reconstructive techniques. The purse-string suture offers a simple and versatile alternative, capable of reducing the defect's diameter and optimizing scarring outcomes.

Objectives. To evaluate the efficacy, safety, and aesthetic-functional outcomes of the purse-string closure in patients undergoing excision of skin epitheliomas.

Materials and Methods. Patients who underwent surgical excision of skin epitheliomas followed by purse-string closure at our center were evaluated. We analyzed the anatomical site, defect size, histological type, and the degree of diameter reduction achieved. Post-operative complications (in-

fection, dehiscence, necrosis, recurrence), healing time, and aesthetic outcomes—assessed via a dedicated clinical scale (Vancouver Scar Scale) and patient satisfaction—were also recorded.

Results. The technique allowed for a significant reduction in surgical defect diameter, with most cases achieving primary intention healing. Complications were infrequent and minor. Aesthetic results were rated as good-to-excellent in the majority of patients, with high levels of reported satisfaction. No recurrences were observed during the follow-up period.

Conclusions. Purse-string closure is confirmed as an effective, safe, and easily reproducible technique for managing post-surgical defects. It represents a valid alternative to more complex reconstructive procedures in selected sites, allowing for reduced operative time and favorable aesthetic-functional results.