

Excision of Keloid without Radiotherapy

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Objective:

Although radiotherapy can effectively control the recurrence of keloids, there are always some situations where radiotherapy is not suitable, such as in minors and glandular areas. Therefore, it is necessary to explore the feasibility of not performing radiotherapy after keloid resection.

Methods:

After complete resection of the keloid, the subcutaneous tissue is fully mobilized, followed by adequate distant tension reduction. Non-invasive procedures are strictly followed during the operation. No radiotherapy is administered postoperatively, and the recovery of the scar is followed up.

Results:

Postoperative scars not only had a better appearance but also showed no uncontrolled recurrence. Although mild hyperplasia occurred in some cases, it was effectively controlled through treatments such as medication and compression.

Conclusion:

Our long-term and extensive clinical practice has confirmed that, on the premise of adequate distant tension reduction and non-invasive operations, recurrence can be effectively prevented without radiotherapy postoperatively for many keloids and most hypertrophic scars. Therefore, radiotherapy should generally be avoided for scars in minors and glandular areas.