

Utility of 34G needle for local injection therapy of keroids

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To encourage normal wound healing, we apply conservative treatments such as paper taping, silicone gel sheets, topical treatment with steroid ointment or plaster. We then observe the scar carefully. If it shows signs of becoming a keloid or hypertrophic scar, more aggressive treatments are needed. These include laser treatment, systemic drugs such as Tranilast, topical vitamin C and taping, and local injections with steroids. We examined the efficacy of two types of local steroid injections. In the first, steroid was delivered with a single injection with a 31G needle. In the second, steroid was administered with three injections using a 34G needle. The latter associated with less injection pressure and a more even distribution of the drug in the dermis.