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**Original article:**

**Intralesional Bleomycin application: An effective therapeutic modality in keloids and hypertrophic scars**

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**Abstract:**

**Introduction:** Keloids are described as scars that grows into neighboring skin, means extension of scars beyond the borders of original wound, while hypertrophic scars typically remain within limits of original wound.With the advancement of technology, researchers described pathophysiologic processes of wound healing and scar formation of keloid and hypertrophic scar in detail as well as more specific treatment modalities were invented.Present study was aimed to find out effectiveness of intralesional application of bleomycinin management of hypertrophic scars and keloids.

**Material & methods:** 30 patients were enrolled to participate in study. Patients present to outpatient department of surgery of TeerthankerMahaveer Medical College & Research Centre, Moradabad, INDIA.

**Results:** Out of the thirty patients, 19 (63.33%) showed excellent response, 5 (16.67%) showed good response, 4 (13.33%) showed fair response and 2 (6.67%) showed poor response. There was complete resolution of symptoms in 20 patients (66.67%) and improvement in the other 10 (33.33%) during follow up for 6 months.

**Conclusions:** Bleomycin is very effective and safe pharmacologic agent for treatment of keloid/hypertrophic scar with no significant side effects. Complete resolution of lesions can be achieved in larger extent by bleomycin therapy.

**Key words:** Bleomycin, Keloid, Hypertrophic scar.