

A study on the efficacy of intralesional bleomycin for the treatment of periungual and palmoplantar warts

Neerja Puri

GGSMCH, Faridkot, Punjab, India

Abstract

Introduction Amongst the different modalities for the treatment of warts, not a single modality is fully effective. While treating warts, the possibility of spontaneous regression must also be kept in mind. The aim of treating warts is to induce long term immunity without recurrences.

Aim: To study the efficacy and safety of intralesional bleomycin for the treatment of twenty patients with periungual and palmoplantar warts.

Methods: We conducted a prospective study of twenty patients of resistant periungual and palmoplantar warts between the age group of 15 – 50 years. Three injections of bleomycin were given at an interval of 2 weeks for a maximum of 3 injections (or less if the resolution occurred earlier).

Results: After three sessions, complete clearance of palmoplantar warts was 71.42% and that of periungual warts was 90.90%. lesions were seen in 82% patients and incomplete resolution was seen in 15% patients. Bleomycin has antibacterial, antiviral and cytotoxic activity. Commonest side effect after bleomycin injection was pain seen in 40% (8) patients followed by pigmentary change and raynauds phenomenon seen in 5% (1) patient each.

Discussion: Bleomycin is an effective and promising treatment of recalcitrant warts especially in palmoplantar and periungual

faculty. Here areas of interest are lasers, trichology and dermatosurgery.

Speaker Publications:

1.” Treatment options of lymphangioma circumscriptum”. Int J Dermatol. Indian Dermatology Online Journal, Vol-6, Issue-7, Pg-293-294, 2015

2)” Efficacy of Modified Jessner's Peel and 20% TCA Versus 20% TCA Peel Alone for the Treatment of Acne Scars”. Journal of Cutaneous and Aesthetic Journal , pg-42-45, 2015

3) “Platelet rich plasma in dermatology and aesthetic medicine”. Our Dermatology Online, vol-2, issue 24, 2015

4)” Comparative Study of Diode Laser Versus Neodymium-Yttrium Aluminum: Garnet Laser Versus Intense Pulsed Light for the Treatment of Hirsutism.” Journal of Cutaneous and Aesthetic Surgery Pg-97-101, 2015

5)” Sutures in dermatosurgery” Our Dermatology online Journal, 2015

[16th World Conference on Cosmetic Dermatology and Aesthetic Medicine](#); Webinar –June 22-23, 2020

Abstract Citation: Neerja Puri, a study on the efficacy of intralesional bleomycin for the treatment of periungual and palmoplantar warts, Cosmetology & Aesthetic Medicine 2020, 16th World conference on Cosmetic Dermatology and Aesthetic Medicine 2020; Webinar –June 22-23, 2020.

(<https://cosmetology.annualcongress.com/abstract/2020/a-study-on-the-efficacy-of-intralesional-bleomycin-for-the-treatment-of-periungual-and-palmoplantar-warts>)



Biography:

Dr Neerja Puri is a consultant Dermatologist in Punjab health systems corporation, India. She has been in this field for almost a decade now. She has more than 100 dermatology publications in various national and international level. She has present various papers at various congresses and meetings and has delivered guest lectures in various conferences as an invited