



MEDICAL THERAPIES AND PHARMACOLOGY

A STUDY TO ASSESS THE EFFICACY OF INTRADERMAL PURIFIED PROTEIN DERIVATIVE (PPD) IN TREATMENT OF MULTIPLE WARTS. A CASE SERIES.

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BACKGROUND: Warts caused by Human Papilloma virus are pleomorphic affecting a wide variety of sites. Currently available treatment modalities are likely to be very painful, unsightly and prone for recurrences. Several immunotherapeutic modalities have been investigated to overcome the challenges associated with the use of destructive therapies. Here we have studied one such immunotherapy using purified protein derivative.

OBJECTIVE: To study the efficacy, safety and validity of immunotherapy using Purified protein derivative in the treatment of multiple warts.

METHODS: 5 patients who had multiple warts(>5), male and female 15-40yrs of age were selected and were injected with an intradermal PPD once in two weeks for a maximum of six injections. Patients were followed up for resolution of warts and for evidence of recurrence for 3-6 months. Pregnant women, lactating mothers, genital warts, immunosuppressed patients were excluded.

RESULTS: There was marked and dramatic response in 4 patients i.e. 80% showed response by the end of 3months. 1 patient we lost the follow up after 1.5 months hence his response not accounted.

CONCLUSION: Intradermal PPD is simple to perform, not very painful, inexpensive and may be used as a modality of immunotherapy in the management of multiple warts. Though intradermal PPD is a promising therapeutic modality, more clinical trials are needed to evaluate its effectiveness in the treatment of warts. There is a need for the development of standard protocol for the optimum use of immunotherapy in the treatment of warts.

