



Tuberculin PPD Vials

Viral warts are caused by human papillomavirus. For the treatment of difficult-to-treat warts, new and effective treatment includes intralesional immunotherapy.

Human papilloma virus infects and proliferates in both keratinizing and nonkeratinizing epithelium producing cutaneous, genital, oral, and laryngeal warts. HPV mainly infects the basal cell layer through defects in the epithelium. Trauma and maceration are important predisposing factors.

Injecting tuberculin PPD(Purified Protein Derivative standard) into the HPV infected tissue may generate strong proinflammatory signals and attract antigen presenting cells.



PPD increases serum interleukin-12 (IL-12) levels, hence boosting the immunity to combat the HPV.

PPD is devoid of any viable organisms; therefore, its use is considered as safe in children and in pregnant women.



Product offering to Dermatologists

- Tuberculin PPD Mantoux 2TU 1ml
- Tuberculin PPD Mantoux 5TU 1ml

Tuberculin is an antigenic extract of *M. tuberculosis* capable of eliciting an immunological skin reaction. *Contact Sep Sci for more information.*

Separation Scientific

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