



SEXUALLY TRANSMITTED INFECTIONS, HIV/AIDS

## INGENOL MEBUTATE IS A FAST, NON-SURGICAL THERAPEUTIC OPTION FOR THE ABLATION OF ANOGENITAL WARTS IN ANATOMICAL SENSITIVE AREAS

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**Background:** Therapeutic options for anogenital warts (AGW) in anatomical sensitive areas, such as the glans penis, the urethral meatus or the anoderm, are limited, mostly not approved and often require effortful and time-consuming procedures under general anesthesia. Recently, ingenol mebutate (IM), a first-in-class macrocyclic diterpene ester, extracted and purified from the plant *Euphorbia peplus*, which is approved for the treatment of actinic keratosis, has been shown to be also effective in the treatment of AGW. Here, we now present a series of patients with AGW in anatomical sensitive areas, which we have treated with IM-gel in different concentrations and treatment regimens.

**Observation:** After a detailed education, the majority of the patients were able to do a home treatment over night. In most cases one single treatment with IM-gel was sufficient to ablate the warts within 24 hours. Some patients reported on pain, swollen lymph nodes and fever. The pain correlated with the mass of warts, treated with the gel, and could easily be controlled by non-steroidal anti-inflammatory painkillers. The erosive dermatitis after the treatment healed fast and without any scarring within the next 2 days. Several patients, who always suffered from recurrences after surgical ablations, did not show any recurrence of the warts for the first time.

**Key Message:** IM is a novel, elegant, fast, non-surgical therapeutic option for the treatment of AGW, especially in anatomical sensitive areas. Instead of effortful and time-consuming in-office procedures, this treatment can be easily performed as a home treatment, which is of particular interest for patient with recurrent warts.

