

Langerhans' cell histiocytosis of the vulva: The use of photodynamic therapy (Article)

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Abstract

**Background:** The evaluation of possible efficacy of Photodynamic Therapy (PDT) in a rare condition of vulvar Langerhans' cell histiocytosis (LCH), in a 43-years-old women with one year history of pruritic vulvar lesions. **Main observations:** After a cycle of 5 sessions of PDT, with aminolevulinic acid (ALA) in low percentage (5%), the patient reported an improvement of lesions, and an high improvement of local symptoms, with a significant reduction of itch and pain. **Conclusions:** Our case confirms this single experience of literature for the treatment of vulvar LCH by PDT, with an improvement of disease's symptoms, and can suggest the use of PDT for this rare and untreated disease.