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A Case Report of Botulinum Toxin in the Treatment of Hailey-Hailey Disease Affecting the Medial Thighs

Hailey-Hailey disease (HHD), also known as benign familial pemphigus, is a rare heritable blistering skin condition characterized by chronic relapsing painful vesicles and erosions at sites prone to friction. HHD poses a therapeutic challenge as there is currently no treatment approved by the Food and Drug Administration (FDA). Many therapies have been tried with variable success. In recent years, neuromodulators (botulinum toxin) have been mentioned in the literature as a potential treatment modality. We describe a case of biopsy-confirmed HHD where (Xeomin®) (incobotulinumtoxinA) was successfully used to treat lesions on the bilateral medial thighs previously unresponsive to topical mupirocin ointment, clobetasol dipropionate ointment, tacrolimus ointment, and miconazole powder. After three treatments three months apart, the patient reported resolution of pain, excessive sweating, and improved pruritus, with progressive improvement with each treatment. Botulinum toxin has been shown in literature to improve symptoms due to HHD lesions of the axillary, intertriginous groin, and abdominal regions. This case highlights the efficacy of botulinum toxin as a therapeutic option for HHD lesions unresponsive to traditional topical medications, representing the first documented success of its use for medial thigh lesions in HHD.