

When is a styne not a styne?

Kyle Fischer¹, Adam Richardson², Kelly Blosser³, and Jason Adler¹

¹University of Maryland School of Medicine

²University of Maryland Medical System

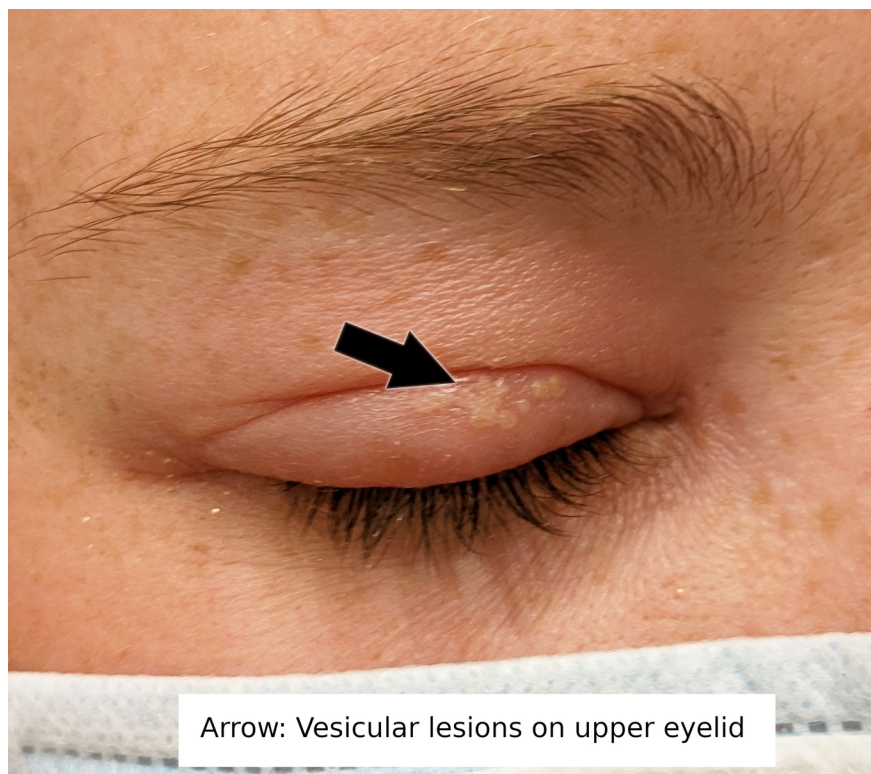
³University of Maryland Medical Center

February 22, 2024

Abstract

A 25 year old presented to the emergency department with a one day history of mildly painful and erythematous swelling of her right upper eyelid that she believed to be a styne. The clinical team noted vesicular lesions located exclusively on the upper eyelid, diagnosed zoster and initiated valacyclovir.





Consent

We confirm that written patient consent has been signed and collected in accordance with the journal's patient consent policy.

Manuscript

A 25 year old female with no significant medical history presented to the emergency department with a one day history of mildly painful and erythematous swelling of her right upper eyelid that she believed to be either a stye or conjunctivitis. She was triaged to the ED's fast track. She denied vision changes, other skin lesions or sick contacts. The clinical team noted vesicular lesions located exclusively on the upper eyelid and initiated valacyclovir¹.

She promptly followed-up with ophthalmology who confirmed the diagnosis of Varicella zoster virus. There was no evidence of corneal involvement and her dilated exam was reassuring. Erythromycin ointment was added to prevent a superimposed bacterial infection and antivirals were continued for ten days.

Given the location of the lesions on the lid, only fully visible with complete closure of the eye, a careful examination was critical in making an accurate diagnosis. Particularly when patients believe a diagnosis to be known and benign, it is important for physicians to avoid anchoring bias, as it can be easy to overlook lesions like these. It is important to not miss zoster this close to the eye².

References

1. Yeu, E. and Hauswirth, S., 2020. A review of the differential diagnosis of acute infectious conjunctivitis: implications for treatment and management. *Clinical Ophthalmology* (Auckland, NZ), 14, p.805.
2. Carlisle, R.T. and Digiovanni, J., 2015. Differential diagnosis of the swollen red eyelid. *American family physician*, 92(2), pp.106-112.