

## Lower Lip Sinus: A Rare Case Report

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### Abstract

Sinuses of the lower lip are one of the most uncommon congenital anomalies. They usually seen associated with other congenital anomalies of lip and palate .Very rarely a sinus can be seen in the lip associated with trauma.

**Keywords:** Lower lip sinus; Trauma; Touch cytology

### Case Report

A 15-year-old girl presented with a chief complain of clear discharge through a sinus lower lip (Figure 1) from a period of one and a half year after she got a trauma lower lip in an accident. She has no history of any congenital anomaly or any positive family history related to it. The discharge has no relation with food. We took a touch smear of the discharge; the smears were stained with MGG (MayGrunWald Geimsa) that revealed a few squamous epithelial cells in a mucoid background (Figure 2).

### Discussion

Lower lip sinuses are usually seen in association with congenital

anomalies. The anomaly is usually a sac like depression in the lower lip, somewhat lateral to the midline. The sinus is usually in the middle of the conical protrusion. It ends in the blind pouch lined by squamous epithelium and encircled by the mucous glands which open into the sinus [1]. Apart from the cosmetic handicap, the anomaly causes the patient no actual subjective distress. There may be, at most, annoying secretion of mucous from the sinus extra orally.

Much has been written about the congenital lower lip sinuses being associated with other congenital anomalies and there treatment [2-6]. However, i could not find any case due to trauma which made me more peculiar about its reporting.

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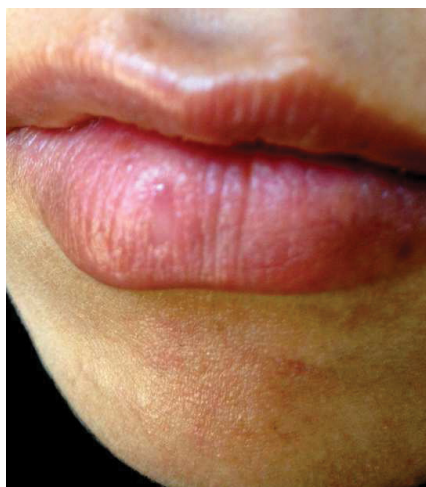


Figure 1: Clear discharge through a sinus lower lip.

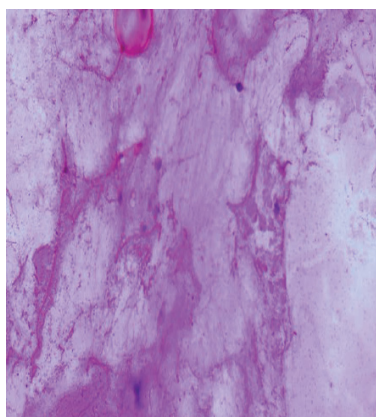


Figure 2: A few squamous epithelial cells in a mucoid background.

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