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A Delayed Onset Cyst-like Lesion at the Lip after Hyaluronic Acid Filler Injection: A Case Report

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Abstract

Nowadays, lip augmentation has become a key component in addressing cosmetic concerns. In particular, hyaluronic acid (HA) fillers are increasingly used for this minimally invasive procedure. Generally, this procedure is well-tolerated, and major adverse events are rare. However, some delayed complications can occur following HA filler injection. Here, we report a case of a HA-related complication in a 45-year-old female patient, affecting the lower lip. Four weeks after the HA filler application, without any immediate adverse effects, a painless, well-defined border nodule occurred in the wet lip area. This cyst-like lesion was surgically identified and successfully treated with surgical excision. Clinicians should be aware that a case manifesting as a well-defined lip nodule suggests salivary gland cysts, soft tissue tumors and cysts, as well as filler-related nodules. This delayed presentation of HA-related nodule in the lower lip poses unique diagnostic and management challenges.

Keywords: filler, filler complication, hyaluronic acid, lip, mucocele