



MUCOSAL DISEASES (ORAL, ANOGENITAL), EXTERNAL EYE DISEASE

## CHEILITIS GRANULOMATOSA RELATED WITH SARCOIDOSIS

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**Background:** Granulomatous cheilitis is a chronic disease characterized by enlarging in the lips. It can be a component of orofacial granulomatosis and it also can be seen with only mucosal involvement. Generally, the upper or lower lip is affected, but rarely both of them are held together. It can also be seen as a skin manifestation of systemic granulomatous diseases. We present a case of granulomatous cheilitis associated with sarcoidosis.

**Observation:** A 43-year-old female patient admitted to our department with swelling on her lips for 5 years. Swellings on the lips occasionally increase or decrease, but almost no reduction has been observed in the last year. The patient was previously treated with intralesional topical corticosteroids. However, there was no regular follow-up and treatment. On dermatological examination, there were thin white scales, minimal induration and marked edema on the erythematous surface, which exceeded the upper and lower lip and vermillion boundaries. Then, a punch biopsy was performed and it revealed non-caseous granulomatous inflammation. We carry out a screening for other granulomatous diseases such as tuberculosis, sarcoidosis and chronic disease. Nodule formation was seen in Thorax BT and a biopsy was performed, too. Histopathologic examination revealed a non-caseous granuloma. There wasn't a significant association with gastric and intestinal biopsy result. With the consultation of pulmonary specialists, pulmonologists established the diagnosis as sarcoidosis.

The patient was evaluated as sarcoidosis and related granulomatous cheilitis with current clinical findings and histopathological data. After the treatment of 3 intralesional steroids (20 mg/ml triamcinolone acetonide) with 10-day intervals, she is in a cosmetically acceptable result and she is still in our follow up.

We diagnosed sarcoidosis, through careful evaluation of skin biopsy result. We want to emphasize that dermatologists should be aware of systemic involvement of granulomatous cheilitis.

**Key Messages:** Cheilitis granulomatosa, sarcoidosis, cheilitis

