

IgG4-RELATED DISEASE: A CASE REPORT OF A MASSIVE PRESENTATION LEADING TO THE DIAGNOSIS OF B-CELL LYMPHOMA

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INTRODUCTION

Immunoglobulin G4 related disease (IgG4-RD) is a recently described clinical-pathological entity with a broad spectrum of clinical manifestations that share a common histopathology. It is characterized by being a chronic bilateral fibroinflammatory systemic pathology with the presence of swelling, lymphadenopathy and a dense infiltrate containing plasma cells rich in IgG4. [1,2]

OBJECTIVE

The purpose of this study was to present a clinical case of IgG4-related disease with unusual inflammatory characteristics which led to the diagnosis of B-cell lymphoma, as well as its management to achieve favorable remission.

CASE REPORT

A 69-year-old woman with the chief complaint of asymptomatic bilateral facial swelling with 1 year of progression. The patient's medical record was relevant for 20 years of smoking and recent weight loss.

A decision was made to perform an incisional biopsy of the left parotid and upper palpebral lesions under general anesthesia and the specimens were submitted to histopathologic analysis. The following diagnosis was received: B-cell Lymphoma, confirmed by immunohistochemistry. Clinical examination at the 3-month follow-up revealed a well-healed site with almost no scar tissue and a complete resolution of the swelling in the upper palpebral, parotid and submandibular regions.



1. Clinical image of the patient on admission. 2. Intraoral view of the patient depicting the swelling in the floor of the mouth. 3. 3-month follow up after treatment. Swelling of the glands is no longer visible.

CONCLUSION

The risk factors associated with the appearance of IgG4-RD are poorly understood, but it was recently discovered that exposure to tobacco and a history of malignancy may be a risk factor for the further development of the condition. In our case, once the diagnosis of B-cell lymphoma was confirmed, a multidisciplinary approach along with the Oncology service was applied and a chemotherapy regime was initiated, obtaining good results in the short and medium term.

THE AUTHORS DECLARE THAT THEY HAVE NO CONFLICTS OF INTEREST