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Hyper-Immunoglobulin E Syndrome and Squamous Cell Carcinoma of the Lower Lip: A Case Report

*Syndrome d'hyper-immunoglobuline E et carcinome épidermoïde de la lèvre inférieure:
Un rapport de cas*

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ABSTRACT

Hyperimmunoglobulin E syndrome is a Primary Immuno-deficiency Syndrome (PIDS) characterized by high serum immunoglobulin E, eczema rash and recurrent sinopulmonary and skin infections. In this report, we present a case of squamous cell carcinoma of the lower lip in a young patient with Hyper IgE Syndrome. The patient had initially developed a chronic non-healing ulcer and a biopsy done revealed a squamous cell carcinoma. Immunodeficiency has been recognized as an essential risk factor for cancer through immune dysregulation and defective immunosurveillance. *WAJM 2021; 38(2): 180–184.*

Keywords: Hyperimmunoglobulin E, infection, carcinoma, Immunodeficiency.

RÉSUMÉ

Le syndrome d'hyper-immunoglobuline E est un syndrome d'immunodéficience primaire (SID) caractérisé par un taux élevé d'immunoglobuline E sérique, une éruption d'eczéma et des infections sinopulmonaires et cutanées récurrentes. Dans ce rapport, nous présentons un cas de carcinome épidermoïde de la lèvre inférieure chez un jeune patient atteint du syndrome d'hyper-immunité. Le patient avait initialement développé un ulcère chronique non cicatrisant et une biopsie effectuée a révélé un carcinome épidermoïde. L'immunodéficience a été reconnue comme un facteur de risque essentiel de cancer par le biais d'une dysrégulation immunitaire et d'une immunosurveillance défectueuse. *WAJM 2021; 38(2): 180–184.*

Mots-clés: Hyper-immunoglobuline E, infection, carcinoma, Immunodéficience.

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Abbreviations: AE, Atopic Eczema; HIES, Hyper Immunoglobulin E Syndrome; PIDS, Primary Immuno-deficiency Syndrome; SCC, Squamous Cell Carcinoma.