

SEVERE EOSINOPHILIC ASTHMA ASSOCIATED WITH CHRONIC SINUSITIS IN A FEMALE PATIENT FROM GOIÂNIA: A CASE REPORT

Julia Moya Resende¹
Júlia de Paula Cavalcante²
Maria Luiza Araújo Costa Simões³
Milena Nogueira Nascimento⁴
Wanessa Dezzen Borges⁵
Marcela Andrade Silvestre⁶

ABSTRACT:

Severe Eosinophilic Asthma is a chronic disease characterized by the accumulation of immune system cells called eosinophils, which contain granules that trigger the main symptoms of the disease, including cough, malaise, dyspnea and fatigue. Therefore, the objective of this work is to report the case and experience of a patient with Severe Eosinophilic Asthma associated with chronic sinusitis from diagnosis to the first year of disease treatment. The patient was diagnosed with sinus disease and nasal septum deviation to the left. After performing facial CT scans, and the persistence of the chronic symptomatological condition, the patient underwent three surgical procedures between 2019 and 2021, in which eosinophilic infiltrates were found. After each surgery, with the reduction of oral corticosteroids, the patient always evolved with a worsening of her symptoms. During this period, concomitantly, due to the manifestations of dry cough and dyspnea on light exertion, she received the first asthmatic diagnosis, which initiated treatment with oral corticosteroids and progressed to inhaled Beta 2 agonists at maximum doses, associated with medication rescue. At the end of 2021, the year of the third surgical procedure, the rare condition of Severe Eosinophilic Asthma associated with chronic sinusitis was diagnosed, initiating treatment with the mandatory medication Benralizumabe and inhaled corticosteroids. However, chronic sinusitis and asthma are diseases that often coexist, thus, it is importante to emphasize of developing pharmacological agentes or routes of administration of inhaled corticosteroids capable of acting simultaneously on inflammation of the upper and lower airways

Keywords: Asthma; Sinusitis; Antiasthmatics; Corticosteroids.

¹ Discente do curso de medicina da Universidade Evangélica de Goiás – UniEVANGÉLICA. E-mail: juliamresende04@gmail.com

² Discente do curso de medicina da Universidade Evangélica de Goiás – UniEVANGÉLICA. E-mail: juliadepaulaca10@gmail.com

³ Discente do curso de medicina da Universidade Evangélica de Goiás – UniEVANGÉLICA. E-mail: marialuiza_cs@hotmail.com

⁴ Discente do curso de medicina da Universidade Evangélica de Goiás – UniEVANGÉLICA. E-mail: milenanogueira2001@hotmail.com

⁵ Discente do curso de medicina da Universidade Evangélica de Goiás – UniEVANGÉLICA. E-mail: wanessaborgess16@gmail.com

⁶ Docente do curso de medicina da Universidade Evangélica de Goiás – UniEVANGÉLICA, E-mail: marcela.silvestre@docente.unievangelica.edu.br