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CHRONIC NEUTROPENIA: A CASE REPORT

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INTRODUCTION

Neutropenia (noo-troe-PEE-nee-uh) occurs when you have too few neutrophils, a type of white blood cells. While all white blood cells help your body fight infections, neutrophils are important for fighting certain infections, especially those caused by bacteria. Chronic neutropenia is defined as lasting more than 2 months. It may eventually go away, or remain as a life-long condition. Some people are born with it (congenital neutropenia), and others develop it as young children.Patients with severe chronic neutropenia have blood neutrophil level <0.5 × 10(9)/L, predisposing them to increased susceptibility to life-threatening bacterial infections.

AIM

The aim of this case report is to better understand chronic neutropenia, including follow up, the clinical features and treatment outcome.

With this study I want to share our experience in the treatment of a patient with chronic neutropenia

METHOD

The data was taken from the patient files in the Hematology clinic of the clinical university center of Kosovo. The patient included in the report was diagnosed with Leukopenia and Splenomegalia with the exclusion of other hematological disease by bone marrow biopsy.

The patient was diagnosed with Morbus Parkinson four (4) years ago.

RESULTS

The patient H.D, female presented with fatigue, fever and a leucocytes count of 1.3 x 10^3/mm^3. the Inflammatory biomarkers C-reactive protein was positive (75.2mg/l).

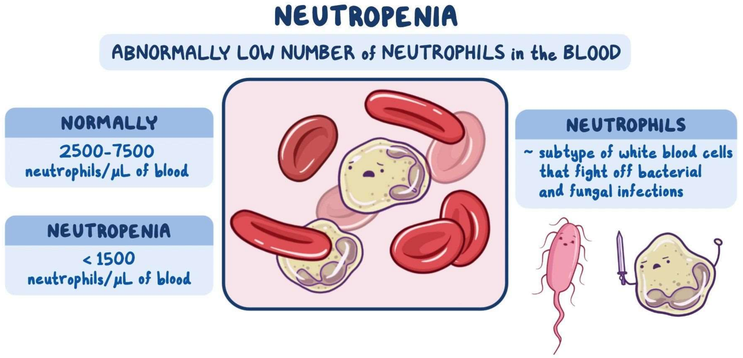
The viral antibody titers were negative.

The bone marrow aspiration and biopsy no hematological disease.

The patient was started on antibiotics.

While all white blood cells help your body fight infections, neutrophils are important for fighting certain infections, especially those caused by bacteria. Chronic neutropenia is defined as lasting more than 2 months.

We put in follow up this patient since more than one year.



CONCLUSIONS

The patient was initially treated with antibiotics and low doses of corticosteroids,.

During the time we have decreas the dose of corticosteroids and we put in follow up since more than one year.

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