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CD4+ T-lymphocytes and viral load in elderly patients with HIV/AIDS who receive antiretroviral treatment

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Background: Infection with the Human Immunodeficiency Virus (HIV) is a major health problem. The functional capacity of the immune system gradually declines with aging.

Objective: To demonstrate that the elderly patients with HIV/AIDS who follow treatment with antiretroviral drugs present a fall in viral load and a rise in the CD4+ T-lymphocytes with this treatment.

Methods: A cross sectional prospective observational study was conducted in 44 HIV/AIDS patients attended in the Medical Services offered by IPK who received treatment with different antiretroviral schemes.

Results: It was observed that there was an average rise of 97 cel per µL in the CD4+ T-lymphocytes, as well as an average fall of 3583 cp/µL in viral load after the antiretroviral treatment.

Conclusions: With this study, we can conclude that there was a rise in CD4+ T-lymphocytes and a fall in the viral load in the elderly patients with HIV/AIDS who followed treatment with antiretroviral drugs, what evidences the immunological reconstitution and virologist control of these patients with the use of antiretroviral therapy.

Biography

Hernandez Requejo D work in Tropical Medicine Institute in attendance prescribes and research in progression markers and oxidative stress in patient HIV/AIDS with antiretroviral treatment. She has participated in many courses and national and international congress. She has publications in reputed journals.

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