

Cambios del sistema inmune en procesos inflamatorios durante la aplicación de la ozonoterapia

[Immune system changes in inflammatory process during ozone therapy applications]

Corcho, Ivonne; Frank Hernández; Natacha Reyes; Ana L. Carballo; Orlando Peña; Tania Reyes & Luvia Yanes.

Ozone Research Center, Cuba.

Betera Laboratory, Cuba.

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Abstract

The aim of this work was to study the effect of ozone therapy on blood lymphocyte subpopulations (CD3, CD4+, CD8+), leukocyte function (CD45), HLA-DR molecule expression and the serum levels of IgE in patients with inflammatory diseases. Initial pathologic values in the expression of CD45 and HLA-DR and IgE concentrations were significant normalized after 15 endovenous ozone therapy sessions. A tendency to achieve normal values was observed in CD3, CD4+, CD8+ parameters. These results suggest that ozone treatment can be a beneficial alternative therapy in inflammatory process.