EFFECT OF MAJOR BURNS ON EARLY AND LATE ACTIVATING MARKERS OF PERIPHERAL BLOOD T LYMPHOCYTES

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Abstract:

It is known that lymphocytes immunophenotype is a reflection of the functional level of the immune system. The immunosuppressive effect of major burns is also known for many years. T lymphocytes of 50 major burn patients were analyzed in base line (BL) samples at 24 hours and at 1 week and 2 weeks after burn, using monoclonal antibodies of CD3, CD4, CD8, CD25 (IL2R) and HLA-DR by flow cytometry and β2-microglobulin (β2-m) by ELISA. Recorded values were compared with those of 50 healthy donors. There was statistically significant reduction in absolute number of CD3 positive cells (CD3+) (p

Keywords:

activating markers, peripheral blood, T lymphocytes, major burns

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