

# THE LOGIC OF GLUCOCORTICOID THERAPY

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**Abstract.** Glucocorticoids, as before, remain the main drugs in the therapeutic strategy of inflammatory diseases, despite the fact that in recent years, targeted synthetic molecules have appeared, which are the most frequently prescribed drugs in the world due to their powerful immunomodulatory properties. The work presents the main characteristics of glucocorticoids, their mechanism of action, adequate dosing and effects on the immune system, considering the fact that they reduce the activation, proliferation, differentiation and survival of inflammatory cells. In this aspect, indications for administration, dosage, duration of its use, dose reduction regimens, as well as side effects and methods of therapeutic monitoring of glucocorticoids are of great importance.

**Key words:** glucocorticoids, receptors, genomic and non-genomic effects, dosage, route and frequency of administration, pulse-therapy.

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