

بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ
(وَفَوْقَ كُلِّ ذِي عِلْمٍ عَلِيمٌ)



Pharmacology | FINAL 4

Pharmacology of adrenal gland pt.1



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Mechanisms of the Anti-Inflammatory Effects of Cortisol:

💡 decreasing the total count of white blood cells by two mechanisms:

a) Redistribution

b) Induction of apoptosis

💡 Reduction of Inflammatory Mediators :prostaglandins and leukotrienes.

💡 Inhibition of Histamine-Mediated Inflammation.

Each mechanism will be discussed
in the next slides

