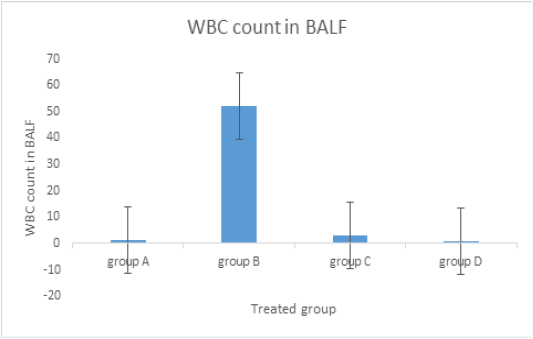
**Study of Anti-Inflammatory Effect of Dipyridamole by Evaluation Inflammatory Cells and Histopathology in Rat: Airway Models**

**Ali D. Nashmi1\*, Jawad K. Hasan1, Manal A. Ibrahim2**

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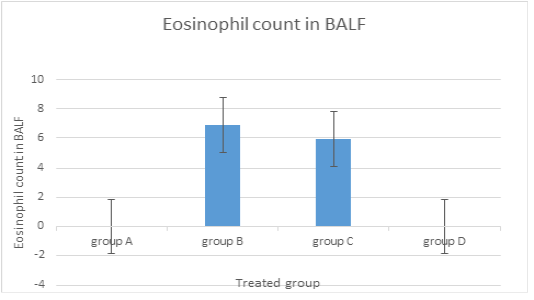
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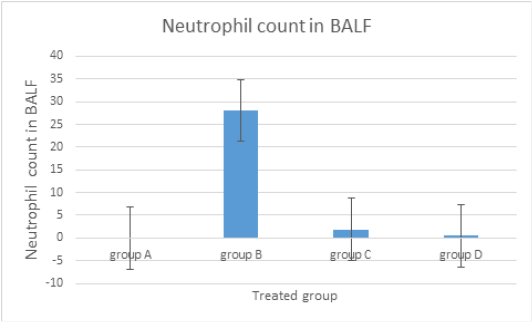
Influence of dipyridamole on BALF WBC count. Rats in Group A received distilled water as a control for a period of 14 days. Group B: rats treated solely with airway ova sensitization served as a positive control group. Group C: oral dipyridamole (26.4 mg / kg / d) in conjunction with airway sensitization by ova. Group D: received oral prednisolone (4.12 mg/kg/d) along with airway ova sensitization.

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**FIGURE 2**

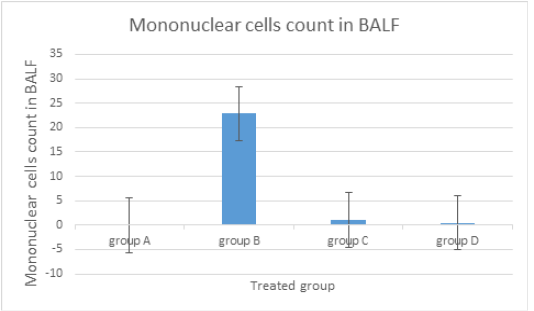
Effect of dipyridamole on BALF eosinophil count. Rats in Group A received distilled water as a control for a period of 14 days. Group B: rats treated solely with airway ova sensitization served as a positive control group. Group C: oral dipyridamole (26.4 mg / kg / d) in conjunction with airway sensitization by ova. Group D: received oral prednisolone (4.12 mg/kg/d) along with airway ova sensitization.

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**FIGURE 3**

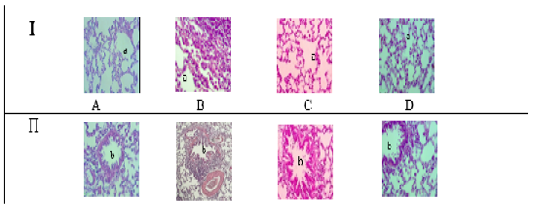
The influence of dipyridamole on the BALF neutrophil count. Rats in Group A received distilled water as a control for a period of 14 days. Group B: rats treated solely with airway ova sensitization served as a positive control group. Group C: oral dipyridamole (26.4 mg / kg / d) in conjunction with airway sensitization by ova. Group D: received oral prednisolone (4.12 mg/kg/d) along with airway ova sensitization.

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**FIGURE 4**

Dipyridamole influence on the count of mononuclear cells (lymphocytes + monocytes) in BALF. Rats in Group A received distilled water as a control for a period of 14 days. Group B: rats treated solely with airway ova sensitization served as a positive control group. Group C: oral dipyridamole (26.4 mg / kg / d) in conjunction with airway sensitization by ova. Group D: received oral prednisolone (4.12 mg/kg/d) along with airway ova sensitization.

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**FIGURE 5**

Histopathology of rat lung tissue in response to dipyridamole. Images of lung tissue taken using an X-40 light microscope. Alveolar Sac (a) in Section I. The bronchi in Section (II) (b). Group A is the negative control; Group B is the positive control; Group C is the Dipyridamole-treated group; Group D is the group treated with prednisolone.

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