



Histopathological Changes in Wound Healing of Skin, in the Dogs Undergone Resection of Small Intestine

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Abstract:

Experiments have been done on 30 dogs, which were divided into 3 different groups, according to the percentages of small intestine removed. These percentages were 25%, 50% and 75%. These animals were studied regarding to their serum level of protein, glucose lipids and to its relation to body weight. In this work we studied the healing process of the skin in dogs with small intestine removed in varying percentage. Removal of 25% small intestine did not affect the healing capacity of the wound. While removal of 50% or 75% of intestine, lead to marked delay in wound healing. This delay could be attributed to the defect in the cellular immune mechanism, in the form of defect in the macrophages appearance.

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