Abstract

This study is to evaluate the effect of phosphatidylcholine injection on Visceral fat in dogs. The experiments were carried out in ten dogs using the PPC formula of the network lipolysis. The injections delivered to the omentum of dogs through minilaparotomy. After 7-10 days; omental biopsies from the site of injection were taken and examined by light microscope after processing and staining. Follow up postoperatively was done by daily pulse and temperature for all dogs. A control half of the omentum and a control omental biopsies before injection were used for Comparison. Complications excluded by peritoneal swabs before injection And on relaparotomy. Histopathological results show significant lipolysis of visceral fat. while peritoneal swabs show no peritonitis and vital signs. Follow up show no significant changes.

Key words
Visceral fat
Phosphatidylcholine
Experimental