

عنوان البحث باللغة الانجليزية:

Histopathological changes in subcutaneous tissue of post bariatric patients, a possible cause of defective healing

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الملخص باللغة الانجليزية:

Background

After bariatric surgery, many patients are contented with the progress in losing weight; but on the other hand, they become frustrated by the developing fat apron. At this point, patients should perform body contouring treatment plan. The most common body contouring surgical procedure after massive weight loss is abdominoplasty.

Methods The study started from January 2014 to January 2015 in Elfayoum University hospital , this study included 25 post bariatric consecutive patients. All excised specimen was sent for histopathology. The aim of the study is to detect the histopathological changes in subcutaneous fatty layer and its correlation with post bariatric wound healing complications. **Results** Wound complications occurred in 15 abdominoplasty patients, surgical revision was necessary in 9 of these patients. These problems were associated with microscopic findings, applied on the cutaneous and subcutaneous tissue taken from the horizontal scar during abdominoplasty.

Conclusions With the increasing number of high weight loss patients, the need for body-contouring surgeries increases. Surgeons operating on post bariatric patients should be concerned that they are not handling healthy structures, therefore, accurate knowledge of microscopic changes in these patients is necessary for a better choice of reconstructive procedure and avoidance of complications._