

# Predicted Dermo Fat Graft for Labia Majora Augmentation: The Original Article

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## Abstract

Cosmetic rejuvenation of the female genitalia has got much more attention in aesthetic surgeries. There are some case reports on labia majora augmentation by the usage of fat Transfer and dermal fat grafts. In this report the technique of labia majora augmentation by using pedicled dermo fat graft will be described. This technique is a reliable option for vulvar rejuvenation and provides stable volume restoration of the labia majora.

**Keywords:** Dermo Fat, Pedicled, Labia Majora, Augmentatio, Rejuvenation.

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## INTRODUCTION

Nowadays Cosmetic rejuvenation of the female genitalia has got much more attention in aesthetic surgeries. Cosmetic surgeries in this era encompasses: labioplasty vaginoplasty and clitoral reduction [1-3]. There are many reports regarding labioplasty and vaginoplasty in the literature, which the largest one of the labioplasty and vaginoplasty reported 341 operations in 258 Woman with 91/6 % enhancement in sexual relationships for both partners [4-6]. it is very important to know that woman who are doing vulvar aesthetic surgeries want to improve their sexual function, sexual self-esteem and vulvar cosmesis [7]. In contrast to other vulvovaginal aesthetic operations there is not much reported series on labia majora augmentation in the literature. There are some case reports on labia major augmentation by using fat transfer through suction or syringe aspirated fat grafts in order to augment labia majora [8-10]. In another case report by Christopher J. Salgade et al. they used dermal fat grafts to augment labia majora for aesthetic rejuvenation of vulva during a concomitant abdominoplasty operation [11-13]. IT is very clear that normal process of aging will affect the labia majora through loss of dermal collagen and fat by time and gravity [14]. By time labia majora loss it's tone and volume but it is guide reverse for labia minora which increases in size [15]. The end result of this aging process is an attractive "aged" appearance of the vulva. Labia majora augmentation will

address these aging effects on vulva [16]. In selected cases, augmentation of labia majora can Cause significant aesthetic results in order to rejuvenate the vulva [17]. In this report, the use of pedicled dermo fat graft for the augmentation of the labia majora in same selected cases who have some type of transverse lower abdominal incisions will be described [18].

## METHODS

By using pedicled dermo fat grafts it is possible to augment labia majora through lower abdominal transverse incisions or even at the time of abdominoplasties. Before operation, the site of incision and the shape of the future flaps should be marked on the lower abdominal skin (Fig 1). Then according to the presence of the previous incisions or new abdominoplasty incision, marked flaps should be deep idealized (Fig 2). After deep idealization of the flaps the remaining parts of the marked skin and subcutaneous tissues should be excised (Fig 3). At this stage the flaps have been prepared and the pocket for introducing the flaps under labia majora should be created. By creating these pockets, flaps can be fixed in proper place with 3.0 absorbable sutures (Fig 4). Same procedure should be done on the other side. Comparing both sides regarding symmetry and appearance of both labia major will end the operation [19-21].



Figure 1.



Figure 2.



Figure 3.



Figure 4.



Figure 5.



Figure 6.

## DISCUSSION

The process of aging causes the loss of fat, collagen and supporting tissues of labia majora. In this way labia majora loses its volume and labia minora looks more prominent than labia majora [22-24]. These changes can cause psychological impairment for woman who may feel that their vulva is abnormal. In addition to decrease in sexual self-esteem, the volume loss in labia majora may lead to mucosal exposure of the labia minora and consequent excessive dryness of it, which may become a functional sexual problem for both partners [25]. Labia majora augmentation with pedicled dermo fat grafts have structural advantage over fat transfer and dermo fat grafts. Fat grafts have no border in the subcutaneous plane and dermo fat grafts may cause some scar tissue [26]. Creating pedicled dermo fat grafts is relatively easy for aesthetic surgeons. It is quite possible to perform this technique in conjunction with other lower abdominal operations like abdominoplasties [27]. In other cases, there should be some type of lower abdominal transverse incisions. This is the only limitation of this procedure.

## CONCLUSION

Labia majora augmentation with pedicled dermo fat graft is a reliable option for vulvar rejuvenation and provides stable volume restoration of the labia majora. It is relatively easy to perform and should be considered for labia majora augmentation in operations such as abdominoplasties or in patients who have some type of lower abdominal transverse incisions.

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