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AUTOLOGOUS DERMAL GRAFT IN THE TREATMENT OF PENILE DYSMORPHOPHOBIA

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INTRODUCTION

Different methods for penile girth enhancement have been reported, and most of them are controversial and poorly evaluated. We analyzed outcomes of penile enhancement surgery with autologous dermal graft.

MATERIAL & METHODS

Between January 2014 and May 2019, a group of 34 patients with penile dysmorphophobia, aged 22-39 years (mean 29), underwent a penile girth enhancement procedure with dermal graft harvested from gluteal region. Procedure included harvesting of the gluteal fat graft, with the incision placed into the gluteal fold. Graft is fashioned, symmetrically placed around the penile shaft and fixed to the Bucks fascia close to the urethra. Girth measurements were taken in the flaccid condition, preoperatively and 6 months postoperatively.

RESULTS

Follow-up ranged from 6 to 70 months (mean 32 months). Mean value of circumference gain after surgery was 1.22 ± 0.26 cm (range from 0.60 – 2.50 cm). Postoperative complications included hematoma of the donor region and partial necrosis of the penile skin, in 3 and 2 cases, respectively. All complications were successfully treated conservatively. Majority of patients (32/34, 94%) were satisfied with the surgical result, while 2 patients required additional penile enlargement.

CONCLUSION

Penile girth enhancement using autologous dermal graft is safe procedure, with good cosmetic outcome, and high rate of patient's satisfaction.



Preoperative appearance. Penile shaft circumference is 7cm.



Dermal graft is harvested from the left gluteal groove, and fashioned.



Penoscrotal approach is used to release the penile skin. Dermal graft is placed and fixed along the penile shaft.



Outcome 6 months after surgery. Penile circumference is equally enhanced.