

ICAAM

Dubai, 23th November 2012

newest hair micrografts techniques for male and female – all the indications

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Introduction

Interest in the reversal of baldness as a specialty has been enhanced by a precise Bouhanna phototrichogram and multifactorial classification of each individual to effectively reverse male or female androgenetic alopecia (AGA) in selected patients and more and more lack of beard or mustache for male and eyebrows and eyelashes for female. Hair micrografts or follicular unit grafts techniques are so far being proposed, namely Follicular Units Extraction (FUE) or Follicular Unit Long Hair (FUL).

Newest research in cellular therapy with follicular cell implantation, platelet rich plasma (PRP) infusing are used also.

Material and methods

Combining hair transplantation and hair medical treatments (minoxidil, finasteride, platelet rich plasma (PRP)) improve the result and postoperative evolution.

Follicular unit micrografting procedures allow a definitive esthetic and natural looking hair restoration for most male baldness.

A digitalized phototrichogram enables an objective measurement of the hair growth parameters on the donor area.

The Bouhanna follicular unit long hair (FUL) technique. Hairs are not shaved like in the conventional FUT technique but the progress is almost the same. A strip with long hair is harvested (10 to 30 cm long and 1 to 1,5 cm wide) segmented under stereomicroscope onto FUL (1-3 hairs). The scar will be very fine, linear, horizontally and almost undetectable. Sometimes a trichophytic closure is used. More than 4000 hairs can be transplanted in one session.

The follicular unit extraction (FUE) technique, hairs are shaved throughout the donor area. The aim of FUE is to harvest intact follicular units by hand or using power micropunches (0.7mm). 2000 hairs can be transplanted in one session.

Results

The advantages of the FUL procedure are numerous. The "wait and see" is replaced by the "see and wait", the donor area is not shaved and patient scars of the recipient are hidden by the long hair. For the surgeon, the benefits are a better evaluation of the orientation and the obliquity of transplanted hairs, a better choice for the refinements of the frontal hairline with thinner or lighter hairs.

The indications of the FUE techniques are for patients who: routinely shave their scalp, have no laxity of the scalp, are afraid of getting a fine linear scar (which can be eventually corrected with FUE in a second time), have no sign of wide baldness evolution.

Conclusion

The indications for female and male pattern baldness are guided by the results of the Bouhanna multifactorial classification. The best choice upon each procedure will be developed according to the age (young or older patient), to the ethnic variations (Afro-americans, Asians...), to their psychological profile and their own esthetic desire.

The others indications for female are definitive traction alopecia especially on Afro-American, post-lifting scars, post radiotherapy alopecia, eyebrows and eyelashes. The others indications for male are beard and mustache.

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