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What's new in surgical alopecia treatments?

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1- **INTRODUCTION AND OBJECTIVE:**

With the multifactorial classification hair restoration should be tailored to the individual's needs.

Strip follicular unit transplants with unshaved long hair FUL or shaved hair FUT and manual, motor punch, automatic robotic follicular unit extraction FUE are both good methods with their advantages and disadvantages.

2- **MATERIALS AND METHODS:**

Objective evaluation of the alopecia with the multifactorial classification: various parameters are evaluated and allow to imagine exactly the baldness evolution and calculate the remaining capacity of the donor area for the future.

Schematically 3 procedures of hair transplantation are available:

- **The Follicular Unit Extraction FUE:** the scalp is previously shaved. Hairs are harvested manually or with motor punch or with automatic safer[®] or with robotic Artas[®] 0,7 to 1 mm punches. 1000-1500, 1-3 hair FUE are implanted in one session.
- **The Follicular Unit Long Hair FUL:** the scalp is not previously shaved. A strip is harvested and followed by a "trichophytic closure" with an undetectable linear scar. Usually 1000-1500 1-4 hairs are implanted in one session. FUL allows to the patient a quickest recovery of his social life. For the surgeon it is easier to give the orientation and choose each hair according to their calibers and colors.
- **The follicular Unit Transplant FUT:** the scalp is previously shaved and the procedure is similar as FUL.

3- **RESULTS:**

Patterned hair loss is the most common male or female alopecia complaint.

The other indications are stable cicatricial alopecia, definitive post traction alopecia (Afro-americans), eyebrows, beard and moustache.

4- **CONCLUSION:**

The methods of hair transplantation known as the long hair strip technique FUL or FUT and the manual, motor punch, automatic or robotic follicular unit extraction FUE have been refined. Each procedure might be selected in order to give a good solution for an aesthetic and definitive correction of various alopecia.