

AMEC 2016

Paris, October 22th, 2016

VARIOUS HAIR TRANSPLANT PROCEDURES FOR VARIOUS INDICATIONS

Pierre BOUHANNA M.D. (Paris)

INTRODUCTION AND OBJECTIVE:

According to the size of the baldness and prognosis and the donor hair capacity. Hair restoration should be tailored to the individual's needs.

Strip follicular unit transplants (FUT-FUL) and follicular unit extraction (FUE) are both good methods with their advantages and disadvantages. Sometimes they can be combined.

MATERIALS AND METHODS:

Schematically 3 procedures of hair transplantation are available:

- **The Follicular Unit Extraction (FUE):** the scalp is previously shaved. Hairs are harvested with hand or motorized 0.7 to 1 mm punches or with automatic Safer[®] or with robotic Artas[®]. 1000-1500, 1-3 hair FUE are implanted in one session.
- **The Follicular Unit Transplantation (FUT):** the scalp is previously shaved. A strip (20, to 30 cms in length – 1 to 1,5 cms in width) is harvested and followed by a "trichophytic closure" with an undetectable linear scar which can be, eventually, easily corrected in a second time with some FUE. The segmentation of the strip under stereomicroscope provides 1000 to 1500 1-3 hair FUT.
- **The Follicular Unit Long Hair (FUL):** the scalp is not previously shaved. Long hairs are also harvested with a strip of similar size and segmented onto 1000-1500 1 to 3 hair FUL.
FUL allows to the patient and the surgeon an immediate preview of the result. Usually 4000-5000 hairs are implanted in one session. For the surgeon it is easier to give the orientation and choose each hair according to their calibers and colors.

RESULTS:

Patterned hair loss is the most common male or female alopecia complaint. Each hair transplant procedure is selected according to the hair and scalp parameters such as caliber, density, shape, colour, the age, the ethnic specificity, the baldness evolution and the esthetic wishes.

The other indications are cicatricial alopecia (burns, post-radiotherapy), eyebrows, beard and moustache.

CONCLUSION:

The modern methods of hair transplantation known as the strip technique (FUT or FUL) and the follicular unit extraction (FUE) have been refined. This kind of treatment is a good solution for an aesthetic and definitive correction of various alopecia.

REFERENCES:

- Bouhanna P. Chirurgie du cuir chevelu par microgreffes. Traité cosmétologie et dermatologie esthétique. EMC, 2013; 8(1):1-14.
- Bouhanna P., Bouhanna E. The alopecias: Diagnosis and treatments. CRC Press Editions, 2015; 245pp.