Shapiro Medical Group
ADVANCED HAIR RESTORATION

OVERVIEW OF FUE

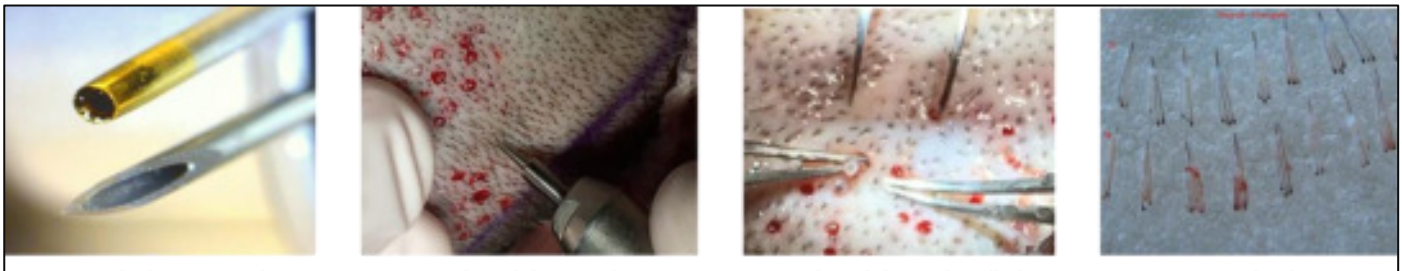
SMG has been at the fore front of FUE for the last 6 years. The main procedural difference between FUE and the traditional strip FUT is the way the grafts are obtained from the donor area. With FUE each graft is harvested individually with a small micro-punch. A 0.7 mm to 1.0 mm punch is used to make a small circular incision in the skin around the upper part of the follicular unit, which is then extracted (pulled) directly from the scalp leaving a tiny hole. This process is repeated until the surgeon has enough grafts to do the procedure. Once the grafts are harvested the rest of the procedure (recipient site creation and placing) are essentially the same for both techniques. However there are multiple nuances that are different in the procedure at differnet steps that must be understood for maximal results.

The main advantage of FUE is that it does not cause a linear scar. In all other aspects they are similar. In reality they are both good technique in experienced hands with their own list of potential advantages and disadvantages. In some cases FUE is a better choice while in others FUT is a better choice. In other cases a combination of both is best. At SMG we feel it is important to be able to be experts at both techniques in order to give a patient the best choice

DIAGRAM OF GRAFT EXTRACTION IN FUE

A&B show scoring of follicular unit with micro-punch. Figure C shows removal of follicular unit with forceps

PHOTO SHOWING GRAFT EXTRACTION WITH MICRO PUNHC IN FUE



EXCELLENT HEALING AND NO LINEAR SCAR 1 WEEK POST -OP

Immediate Post Op **1 Day Post Op** **1Week Post Op**

ADVANCED BIO-ENAHNCED TECHNIQUES

At SMG we did not pigeon hole ourselves into one technique but have evaluated them all (Manual Technique, Motorized Technique, Sharp Punch, Dull Punch, ARTUS, etc.,) We have cherry picked the best from all these sources and come up with our own unique method of using and performing FUE. By doing this we feel we can get superior results.

Currently we are using the **Deveroye System for FUE extraction** which was developed in Belgium by dr Jean Deveroye over the past 4 years. At the last FUE conference in Turkey in 2015 this device outperformed all the other devices with respect to hairs/graft, limiting transetion and injury, and most importantly producing grafts with that are fuller with more tissue having a greater chance of survival. This device combines the best of manual technique (controlled occillation instead of fast rotation), fine tiny punches with thin walls based on the cole punch that lets the punc slide in easily with out distortion, but a blunt tip that limits transection so the punch can go slightly deeper and get a more viable graft. You will be hearing a lot about this over the next few years and we think it will be a breakthough.

In addition, we also use Bio-Enhanced technology to get the maximum growth from an FUE procedure. This includes the use of **Acell, PRP, and Liposomal ATP**.

This is very appealing for patients who for one reason or another may want keep their or donor hair area very short (<1cm in length) or are simply afraid of having a linear incision performed. This advantage was the main reason for the development of the technique. Currently there is great deal controversy over which technique is better. Those that only due Strip surgery push strip surgery while those that only due FUE push FUE.

EXAMPLE SMG FUE PATIET #1

Pre-Op Post- Op 1 Year

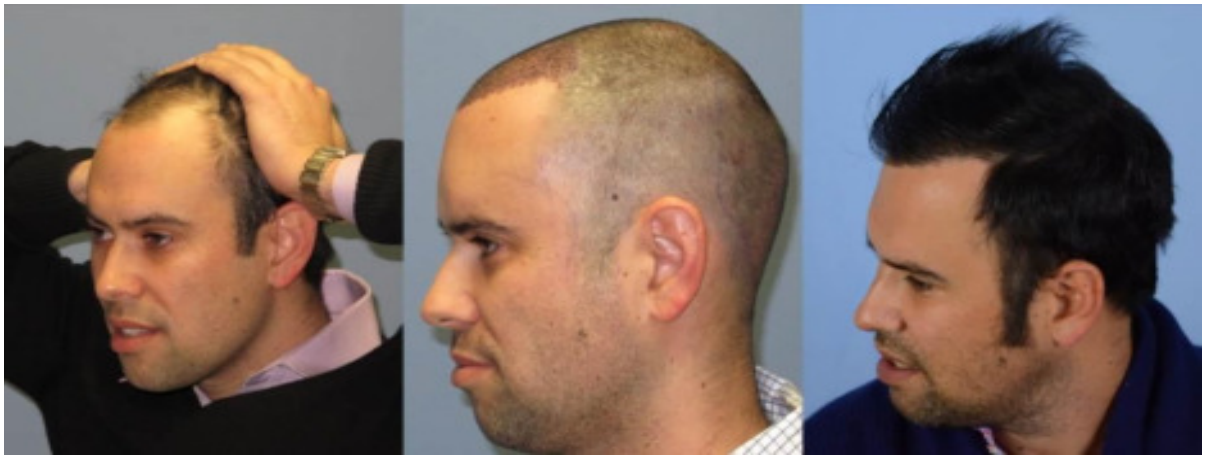
Pre-OP **1 Year**

Pre-OP **1 Year**

Pre-OP **1 Year**

Pre-OP **1 Year**

EXAMPLE SMG FUE PATIENT #2



Before | Post OP | 1 Year

Before | 1 Year