

# World Dermatological Congress

September 18-20, 2017 SAN ANTONIO, TX, USA

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## **Surgery of hair transplantation using the technique Fue (follicular unit extraction)**

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**B**aldness surgery has gained many supporters in recent years because some patients don't accept hair loss. It is important to take the following steps to conduct the surgery by FUE (Follicular Unit Extraction) technique. First, photographs are taken in different positions for documentation. After, tricotomy of donor area is done with a hair trimmer machine. The donor and recipient area are marked with an appropriate pen. At this moment, the hair line (previous hair) should be designed with great perfection and creativity. Once done, whole scalp is cleaned with an antiseptic solution. The anesthetic block of the donor area is then performed with anesthetic of choice in the prominences of the occipital nerves. Then, the infiltration of the quadrants with saline anesthetic solution is done. With the help of the motorized punch, the incisions of the Follicular Units (FUs) are carried out with care to preserve FUs close to each other. While the doctor makes the cylindrical cut of the FU with the punch, the assistant makes the extraction with a delicate forceps and conserves these FUs in cold saline solution. After counting and separating the FUs by number of hair strands, they are implanted in the recipient area (bald) with the aid of the implanter (surgical instrument used to introduce the FU into the bald area with minimal manipulation and trauma) or using a previous incisions with needles and then the FUs are placed with forceps. Care should be taken to implant 1 and 2 hair strands of FUs in the hair line to confer naturality to the hair transplant. In the end, the Band-Aid® is performed. In the next day, the patient returns to remove the Band-Aid® and receive guidance on washing of the hair in those first seven days.

### **Biography**

Graduate in medicine by the universidade de vassouras-rj. Specialization in dermatology by the eduardo de menezes hospital (themig). post-graduate in medicine and aesthetic surgery lato sensu by cemepe. Dermatologist specialist by the brazilian dermatology society (SBD). Member of the brazilian society of dermatological surgery (SBCD).

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*Dermatology Congress 2017*

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