

A Report on Surgery of Hair Transplantation

Walter Unger*

Department of Dermatology, Mount Sinai School of Medicine, USA

Brief Report

Hair transplantation is one of the most quickly growing operations in cosmetic surgery, with new methods being developed on a regular basis. The use of follicular unit grafts and current technological advancements have elevated this surgery to new heights. Because of its potential to provide highly natural-looking outcomes, a growing number of balding men and women have chosen this surgical option. Although there is no age limit for hair transplantation, the benefits and drawbacks of the procedure should be carefully considered in younger patients. Before undergoing hair transplantation, patients between the ages of 20 and 30 should have a stable rate of hair loss. When examining hair loss and planning a new hairline, it's helpful to have a full family history.

The donor hair's colour, quality and density, as well as the contrast between the hair and the skin colours, are all crucial aspects that influence the outcome. The less contrast there is between the donor hair and the skin, the better. It's also worth noting that frizzy, curly, or wavy hair is beneficial in transplanted hair. To achieve a natural hairline, single hair transplants are employed. One of the most crucial phases in hair transplantation is hairline planning. The hairline is the most apparent landmark and the quality of a surgeon's work is frequently assessed by the hairline's appearance. To determine the optimal hairline in a bald patient, split the face into three equal pieces, as described by Michaelangelo. The hairline originates at least 8 cm from the glabella in the midline. From the middle, a curvature sweeps over to the lateral side of the forehead. When the person is facing straight ahead, the sides of the hairline should be parallel to the curve at this point. The hairlines on the sides of the eyes are normally 9.5–11.5 cm above the lateral canthus. Most men's temporal angles should form crisp right angles or acute angles, but women's angles should be more rounded. The form of the hairline changes depending on whether the face is round, oval, or triangular. Other elements that might alter the contour of the hairline include the patient's wants and limits.

In most cases, 250–300 single hair (micro) grafts are required to restore a new hairline. To provide a realistic look, the micrografts in the hairline should be implanted in an uneven saw-toothed pattern of macro- and micro-irregularity. Two-hair FUGs are utilised to provide fresh hair behind the hairline. Just behind the ear, three or four hair FUGs are applied. The need of using smaller grafts increases as the hair and skin qualities become less optimal. Some surgeons utilise punch grafts with diameters of 1, 1.25 and 1.5 mm beneath the hairline to provide adequate density in alopecic recipient regions. Punch grafts offer the benefit of eliminating bald tissue in a circular region where the transplants would be inserted. These punch grafts should not be utilised in locations where hair already exists since they will knock out existing hair, making the procedure ineffective. Punch grafts, on the other hand, can be effective in areas of complete baldness.

A thin strip of hair-bearing scalp from the back and sides of your head

*Address for Correspondence: Walter Unger, Department of Dermatology, Mount Sinai School of Medicine, USA; E-mail: w_unger@bellnet.ca

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is removed during hair restoration surgery. This donor area has hair that will continue to grow for the rest of your life. The region where the strip is extracted is meticulously closed, resulting in a very tiny line that is totally hidden amid the remaining hair. The harvest strip of hair-bearing scalp is then microscopically divided for restoration in your balding regions by our expert surgical team. Depending on your unique demands and scalp conditions, these grafts can be processed into a range of sizes. The transplanted hairs grow in the same way as natural hair and are nearly unnoticeable. To get increased density beneath the hairline, follicular groupings with more hairs will be utilised.

Any discomfort experienced during the treatment can be alleviated with the use of local anaesthetic and IV sedation. To finish the restoration, our team double-checks that your freshly implanted hairs will grow in specified directions, forming a hairline that is almost unnoticeable from the one that nature may have given you, as well as enhanced total hair density. The obvious response is to follow your doctor's instructions and take your antibiotics and anti-inflammatory drugs exactly as directed. The next step is to keep your head wet by washing it with a head wash. You should avoid bright sunlight, strenuous exercise and swimming for the next three weeks after the treatment. For at least one month, you should refrain from utilising any chemical products, such as gel or other chemical treatments.

The hair transplanted is more or less permanent and no medication is needed to keep it in place. It's critical to remember that the transplant is intended to cover an existing bald region. Non-transplanted hair on the front of the head may still experience hair loss. As a result, efforts and treatments to preserve the hair's general health are required. Hair replacement surgery has become a feasible choice for many individuals thanks to recent technological advancements, but we must use it with caution. Because one person cannot conduct the complete operation by themselves, it is critical to assemble a team. To get effective outcomes, fine adjustment and precision are required at all stages of the procedure. The quality of the instruments and the correct illumination in the operating area should not be compromised. Both the patient and the surgical team benefit from a relaxing atmosphere in the operating room and the use of audio-visual entertainment [1-5].

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