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Suction assisted hair transplantation (FUT & FUE)

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Introduction: Hair transplant (HT) is a common cosmetic surgery. Finer & newer techniques are coming up very often.

Materials & Methods: Suction assisted procedure for inserting the hair grafts is very easy and faster technique. Harvesting is done by: 1. Follicular Unit Transplant (FUT) or 2. Follicular Unit Extraction (FUE). For inserting the grafts we can use, 11 blade knife or iris knife to make a slit or 19 or 22 gauge hypodermic needles to make holes and to insert the grafts, for easy insertion of the graft can use suction negative pressure. The needle is attached to a no.14 size suction catheter which in turn is attached to a suction machine which produces a mild vacuum suction pressure (approximately 50-80 mm of Hg). The suction power sucks out the blood making the field clear for easy visualization of the hole. It removes the skin debris produced during piercing. Then the hair graft is inserted.

Results & Analysis: Suction assisted hair transplant was done in 500+ cases in past 6 years. It was noted that, there was a significant decrease in cyst formation post operatively and increased hair growth.

Conclusion: The suction sucks out the dermal skin debris produced by the piercing of the skin with hypo dermic needles and hence avoids the formation of dermal inclusion cysts. 2. Sucks out the oozing blood & hence produces clear field for easy insertion. 3. The suction negative pressure automatically guides the hair graft to enter into the hole easily without much manipulation & hence faster surgery can be done.

Biography

M M T Vasan practices at Apollo Spectra Hospitals. Professional qualification of the Doctor is MBBS, MS, Fellowship in Plastic & Cosmetic Surgery and specializes in Plastic and Cosmetic Surgery. Dr. M M T Vasan has expertise in Cosmetic Surgery with an experience of 7 Years.

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