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Hairline designing: A retrospective study of our patients

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Background: Hair transplantation has undergone enormous changes since the 1950's when Norman Orentreich transplanted 2-4 mm grafts. These grafts produced unnatural doll like hair in the hairline. This was not acceptable to the patients and as the concept of follicular unit transplantation came into vogue, the hairline designing improved considerably and mimicked the natural hairline as much as possible.

Method: We studied the hairline designing of 100 consecutive male patients one year post hair transplantations. The parameters that were studied included cobble stoning, pitting, frontal point, F-T recession, temporal points (if any) micro and macro irregularities, patient satisfaction and physician assessment. We harvested the grafts using FUE technique. The punch used was 0.9 mm serrated punch. The grafts were placed by using 19 G and 20 G needle. The hairline was designed using the standard techniques and placement of hairline was as per donor recipient ratio.

Result: This study was a retrospective study on 100 male patients. The only cosmetic concern in 2% of the study group was the cobble stoning. Pitting was absent in the study group. More than 90% patients were highly satisfied with their hairline. The physician assessment also rated the quality of hairline as excellent in >90% of the study group.

Conclusion: The standard technique of hairline design should be followed while designing a hairline in hair restoration surgery. 19 G and 20 G needles are excellent and low cost instruments that can be used to produce a natural hair line.

Biography

Ummer Yaseen has completed his MD in Dermatology from Government Medical College, Srinagar in the year 2010. After completing his MD he did Fellowship in Dermatotomy from Rajiv Gandhi University of Health Sciences, Bangalore. Since 2011, he is actively doing all dermatotomy procedures and has a special interest in hair transplant. He has joined International Society of Hair Restoration Surgery in 2011. Currently he is an Associate Member of ISHRS and has been nominated as a Member of Communications and Public Relations Committee for the year 2020. He has 15 publications to his credit both national and international. He has presented his work in annual meeting of ISHRS Chicago and has published his work on beard transplantation in the hair transplant forum international. Presently he is the Life Member of Association of Cutaneous Surgeons (ACSI), Indian Association of Dermatologists, Venereologists and Leprologists (IADVL), Cosmetic Society of India (CSI) and Contact Dermatitis Forum of India (CODFI).

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