

## Primary Care & Clinical Dermatology 2019: Scalp micro pigmentation as an to hair transplant surgery alternative - Seepika Jaiswal - MD Dermatologist

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**Objective:** Presentation While SMP does reasonably emulate hair follicles, it doesn't supplant or re-establish hair. A clinical hair line tattoo is carefully corrective, yet it will give the beneficiary the presence of a newly shaved head or, on account of diffuse sparseness, it covers the scalp inside the rest of the hair, wiping out the difference of an uncovered scalp looking through diminishing hair. Two decently new modalities, follicular unit extraction (FUE) and scalp micropigmentation have changed the treatment of male example hairlessness, to reduce the amount of procedures and the outright costs of the hair remaking process. These 2 modalities grow one another while compensating patients with lessening hair and diminishing up top. The impact of FUE procedures (which reflected 52.6% of the hair transplant strategies acted in 2016, up from 48.5%) and the nearness of a regularly expanding number of new specialists offering hair modifying progressions using FUE have caused a 20% yearly advancement in this industry over the span of ongoing years. This article reviews the usage of FUE and scalp micropigmentation when used in mix.

Scalp micropigmentation (SMP) is an exceptionally modern clinical tattoo process for going bald or diminishing hair. SMP looks incredibly basic, however this novel method must be redone for every patient in light of the fact that the skin in every patient contrasts with respect to how the scalp responds as it clutches the tattoo color. There are numerous factors engaged with performing SMP that makes this procedure a greater amount of an artistic expression than a science. SMP is a very work concentrated procedure that could require numerous meetings and as long as 20 hours of procedural chance to fulfill the patient. This survey talks about applications and specialized contemplations of the SMP procedure.

**Materials and methods:** SMP requires needles and clinical evaluation shade. Albeit comparable, miniaturized scale pigmentation is performed marginally uniquely in contrast to a standard body tattoo. For instance, the width of the needle used to apply color is a lot littler to all the more intently copy the presence of hair. The shade utilized is likewise unique in relation to colors utilized in standard tattoos as they are redone to coordinate the beneficiary's hair. The hair business mirrors a tremendous industry in items and services. The nearness of diminishing and hereditary thinning up top is available in half of men under 50, and half of postmenopausal ladies. This has been a corrective issue that impacts pretty much every family

sooner or later in time. He corrective treatment of male pattern baldness falls into 3 significant classifications: (1) gels, mousse, and other comparable items that thicken the hair by adding dampness to the hair shaft causing the hair shaft to expand, hair connections and hair frameworks that add hair mass to the diminishing/going bald zone with creature or manufactured or human hair make up the biggest part of this class; (2) the utilization of concealers that are fueled sort materials that are applied to the hair and scalp and are utilized to lessen the difference among hair and skin shading in the going bald or diminishing regions; and (3) different careful and nonsurgical medicines, for the most part offered by doctors, for example, follicular unit extraction (FUE) transplantation (1 of 2 strategies utilized in hair transplantation today) and scalp micropigmentation (SMP), which together mirror a nearly \$3 billion industry.<sup>2-5</sup> With the approach of FUE, an apparent negligibly intrusive hair transplant medical procedure, this methodology has delivered a more prominent mindfulness and interest for hair transplant benefits by an ever increasing number of men. Present day hair transplantation centers after moving the anatomical unit of hair, the follicular unit, from places in the scalp where it is moderately changeless (a 3-in. high region of hair in the back and side of the head) and isn't affected by hereditary hair loss<sup>6</sup> to the territories affected by hereditary thinning up top. The benefactor region hair must be solid for this procedure to work, which is the situation for most men with hereditary male pattern baldness however not for most ladies who have a diffuse male pattern baldness that reaches out into this contributor territory. Otar Norwood detailed that men with hereditary alopecia lose their hair in designs and these examples are answerable for 98+% of hereditary male pattern baldness in men. In ladies, then again, the Ludwig Patterns of female male pattern baldness speak to just about 20% of hereditary male pattern baldness in females (my guess from the a large number of ladies I have analyzed and rewarded in the course of recent years). In most men, the "giver territory" is saved by the hereditary hair diminishing/thinning up top procedure. Tragically for ladies, 80% of hereditary male pattern baldness shows scaling down of the hairs in back and sides of the head making it not exactly palatable for a hair transplant strategy. We see diffuse unpatterned alopecia in a large number of these ladies. At the point when the benefactor territory is scaled down, this zone is a poor hotspot for hair whenever utilized in the transplantation procedure. DUPA has been found in certain men and when it

shows up in men, this condition is commonly a contraindication for any careful hair transplant procedure.<sup>7–14</sup>

**Results:** Non-careful SMP will gradually fill in and characterize, your current hairline with a uniquely chosen shade blend extraordinarily intended to copy your hair's common development designs just as your hair's different shades.

**Conclusion:** SMP is normally finished in 2 non-sequential meetings. The separating of meetings helps progressively bring unpretentious changes into the presence of the beneficiary throughout a little while. While the mending time frame required for a careful hair transplant isn't unreasonable, a clinical hairline tattoo requires zero personal time at all.