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**Research collaboration with Noor-Majid Ayurvedic College**

Hair loss afflicts millions of people and most of them are frustrated with non-effective and exaggeratingly-touted products. Average customers are not immune to fake propaganda only intended to sell products. In Japan only two compounds, minoxidil and finasteride, are certified by a Japanese dermal society, but only 5% of customers show a marginal effect in both cases according to reliable statistical data. There are many factors causing alopecia or hair loss. However, I am convinced that senescence of the scalp constitutes a core element of hair loss in normal healthy subjects.

Is there any versatile method to overcome hair loss for aged people? To give an answer to this question, we tried to create an Ayurvedic hair growth recipe in collaboration with Noor-Majid Ayurvedic College, one of the best Ayurvedic medical colleges in the world. First, we designed a hair tonic effective for all types of prakriti because tonics are suitable for the life styles of Japanese people. We selected 20 Ayurvedic herbs, extracted herbal components with ethanol, and mixed them with nontoxic detergents and various nutrients (amino acids, vitamins, and nucleosides). During manufacturing samples, we occasionally received useful advices from the expert professionals of the above college.

The above sample was applied to the male mouse skins to determine optimum concentrations of herb extracts. At the concentrations where hairs grow well in mice, we tested the sample on the scalps of Japanese male and female monitors with significant hair loss. We practiced over 50 monitors for 6 months and found that 70% of them declared significant hair re-growth, of which 10% remarkable effects as if they became young. These effects do not seem to depend on the types of hair loss, prakriti, gender or age. Taken together, our recipe has proved to be highly effective and absolutely safe.

This is a good example of collaboration between Japan and Bangladesh. We would like to extend collaboration to solve other difficult health problems with the astonishing healing power of Ayurveda.

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