

TITLE: Effects on Oral Supplementation of Nutraceuticals formulations - Trichovitals® in young adults for healthy maintenance of hair growth

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ABSTRACT (upto 300 words)

Nutrition is a major factor in affecting the health and appearance of hair. In addition to how one eats dietary supplementation plays very critical role in overall maintenance of healthy hair. Precisely Trichovitals® contains Natural Egg Shell Membrane as source of Collagen type (I, III, V, X) and Elastin, Ellagic acid an extract from Pomegranate red pigment, Sabbery (10% beta- glucogallin) an extract of Amla fruit, Biotin (Water soluble vitamin), Tetra hydro Curcumin (Derivate of Curcumin) and Murraya koenigii (an extract of the curry leaf as natural source of the iron). With respected to the prior art data each ingredient has several independent clinical studies to support the growth of the healthy hair and influences strong impact on hair thickness, reduction in hair breakage and improvement in hair growth. This study leads to evaluate the impacts of synergy of nutritional and compared to control group (without oral supplements intake) for the healthy maintenance of the hair in healthy young-aged adults. Pilot studies were conducted to assess Trichovitals® on hair parameters. 1. Self-assessment questionnaire intended to perform an assessment on hair after 90 days of treatment for a group of 50 young aged volunteers. 2. Evaluated the efficacy of Trichovitals® for 90 days' treatment by measurement of mean hair count, Pull test, Wash test, Comb and count test. In this pilot study, Volunteers expressed best results and the scores of self-assessment questionnaire were high for Overall hair volume, Scalp coverage, Thickness of hair body, Softness of hair body, Hair shine, Number of Hairs Lost on Average Day. Oral Trichovitals® consumption was associated with significant improvement in count of terminal hairs and reduction in hair loss after 90 days of treatment. Trichovitals® achieved significant change improvement in hair than placebo group (without oral supplements intake) by 90 days of the study. From the result analysis, Trichovitals® is deemed to be one of the most effective anti-hair fall supplements. The study confirms and concludes that the Oral supplementation of 500mg/day of Trichovitals® for 12 weeks is associated with significant impact on hair thickness, reduces split ends, hair loss, hair breakage and improvement in hair growth after 90 days of treatment.

ABOUT MICROCORE

Microcore is a research based Nutraceutical company that develops and manufactures Nutraceuticals by a deep core of cutting-edge, patented and proprietary technologies. Since its establishment in 2007, the company has enjoyed accelerated growth, generating impressive sales worldwide, by launching a diverse portfolio of innovative products. Microcore's multi-disciplinary team, including scientists, engineers and business development professionals, have an outstanding track record in turning science into commercially attractive, nutritional solutions, constantly enriching our unique cluster of technology and expertise. Humbly Microcore is one among the very few companies in the world that has granted patent for the production on clinically validated Natural Egg Shell Membrane product ranges and Chicken Sternum Collagen Complex Type-2 product ranges. The manufacturing facility is State of Art in the country and approved by FSSAI/Standard Division/Nutraceuticals and certified for ISO 22, 000, GMP and Halal. The core focus is on developing sustainable technologies and products, primarily dealing with Osteo-arthritis | Osteoporosis | Osteo-penia | Rheumatoid Arthritis | BONE | JOINTS| SKIN |CONNECTIVE TISSUES/ HAIR/ NAIL wellness.

RECENT PUBLICATION:

- 1) Effects on Oral Supplementation of Nutraceuticals formulations- Trichovitals TM in young adults for healthy maintenance of hair growth. Research Journal of Topical and Cosmetic Sciences (RJTCs) Vol. 13 Issue 1, January - June 2022.
- 2) Bioactive molecule composition of natural egg membrane concentrate (NEMC TM) vs. soluble egg membrane (SEM) International Journal of Biotechnology & Biochemistry (IJBB) ISSN 0973-2691 Volume 16, Number 1 (2020) pp. 25
- 3) Bioactive molecule composition of natural egg membrane concentrate (NEMC TM) vs. soluble egg membrane (SEM) International Journal of Biotechnology & Biochemistry (IJBB) ISSN 0973-2691 Volume 16, Number 1 (2020) pp. 25
- 4) Evaluation of TRICHONEM™ as Anti-Dandruff and Hair growth promotor in young adults - Research journal of topical and cosmetic sciences.
- 5) Effects of Oral Supplementation of MUTTAIJOW COMPLEX™ on Human Skin, Hair and Nail Physiology. Research Journal of Topical and Cosmetic Sciences Vol. 12 | Issue-01|January - June | 2021

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