



STEPS



1. DANDRUFF CONDITION



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Antidandruff Study

Supporting claim for dandruff treatment properties of shampoos and other hair treatment products intended for use on the scalp.

According to client requirements...

Subjects randomly assigned into Treatment or Placebo or comparator group. Subjects are given the product to use at home, instructions for use and a daily diary to record application times and any other safety-related comments.

After proscribed period of use, subjects return for follow-up assessment. Results will be statistically analyzed to determine if there are significant differences at each time interval compared with baseline and treatment groups.

Visual Assessment

Global visual comparative assessment of treated vis untreated areas, or treated vis comparator areas.

2. D-Squame evaluation as validation of visual assessment.
3. Gravimetric Evaluation by analytical weighing following a 20 stroke forward comb-through.
4. Microscopic analysis plus microbiological identification of *Malassezia furfur* organism.
5. Digital photography can be included in order to further exemplify abatement of the condition.

Method

Subjects: Panels of 30 subjects, male and female, professionally assessed as exhibiting exaggerated dandruff conditions.

Informed of the nature of the test including possible adverse reactions.

Written informed consent documents signed by all participants prior to induction.

Only subjects that are considered dependable and able to read, understand and follow directions will be requested to participate. Prior to initiation of a test, each subject will complete a medical history form. The subjects will not exhibit any physical or dermatological condition which would preclude application of the test material(s).

Sample: Placebo Control or Comparator Product Control. We do not recommend split head tests due to the migration/permeation character of actives

Duration

One week washout period (only baby shampoo permitted for use). 2 weeks of daily product application . Additional cost for extension to further weeks.

References

- Botwinick, C.G. and Botwinick, I. : Methods for evaluating anti-dandruff agents; Proc Sci Sect. Toilet Goods Ass. 47, 17-19 (1967)
- Marks, R., Pearse, A.D. and Walker, A.P. (1985): The effects of a shampoo containing zinc pyrithione on the control of dandruff; Brit. J. dermatol. 112, 414-422
- Leyden, J., and Kligman, A.M. (1979): Dandruff - cause and treatment; Cosmetics and Toiletries 94, 23-28
- References