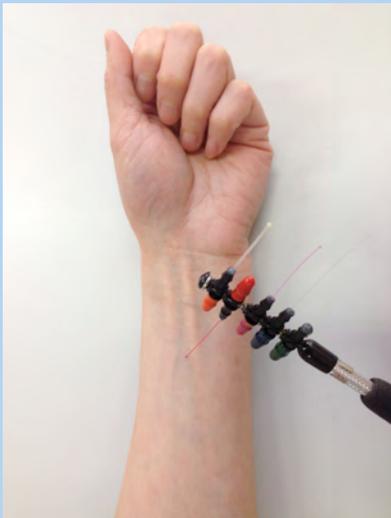




STEPS



1. AESTHESIOMETER



2. SKIN CHALLENGE TO ARM

Antipruritic - Soothing - Itch Relief

Aesthesiometer measurement of skin

Supportable Claims

- Itch reduction
- Soothing
- Antipruritic

Measurement

Test sites are demarcated by two rectangular areas of 2.5 x 4.5 inch on the distal - proximal axis 4 inches proximal from the wrist on the volar surfaces of each forearm. Sites are first lathered with a simple soap and

shaved in order to remove any hair on the site.

For additional sensitivity challenge, cellophane tape is applied to strip the skin to the point of first glistening. This produces an area of compromised skin, emulating the action of scratching the skin.

A West-itch Aesthesiometer is then used to mechanically induce a consistent itch . The instrument can be adjusted

to a setting sufficient to produce a minimal response in the form of itch intensity and this is subjectively determined prior to application of the test materials. A scale is applied and the minimal response limit is set as "level 3 rated itch".

After application of the products and an appropriate wait time, the instrument is then used to induce the equivalent level determined prior to application. The comparative itch level for the 2 samples is then indicated by the participant.

Rating Scale

- 0 = none
- up to 2.5 = very slight
- >2.5 to 4.5 = slight
- >4.5 to 6.5 = mild
- >6.5 to 9.9 = moderate
- 10 = severe

Duration - needs to be defined by the client, depending on product indication/s.

Product Application - 0.4 g per application per test area. 2 product comparison or control placebo.

Assessment of Change

Change can be quantified and scored according to the subjective responses of the test volunteers

References

Drozdenko, R, Pennisi, Minkin W, Weinstein S., Weinstein C. A model to assess the effectiveness of topical antipruritics *Skin Pharmacology Dec 1996.*

Weinstein, C.D, Drozdenko,R., Weinstein,S., Spivak, H. A new Noninvasive method to evaluate the antipruritic efficacy of over the counter skin care products. *Journal of the Society of Cosmetic Chemists 46, 53-65 (Jan-Feb 1995)*

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