

## Clinical Study - Hair

26 volunteers in good health condition, no pathologies, no medicine treatment and no change in everyday's routine.

Age between 25-55.

Test duration: 112 days.

13 volunteers treated with Akosky Azuki spray (1%).

13 volunteers treated with a placebo formulation composed of water 65% and alcohol 30%.

4 tests with visible results.

### PULL TEST

The pull test helps evaluate hair loss. Gentle traction is exerted on a bunch of hairs (about 60) on at least 3 different areas of the scalp, and the number of extracted hairs is then counted and examined microscopically. Normally, 3 telogen phase hairs should come out with each pull. If 4 to 6 hairs come out with each pull, the pull test is positive. Results: Number of hairs that are pulled mechanically diminishes after 2 months of usage of spray that contains 1% of Akosky Azuki. It indicates that hair follicles transform from <weak> Telogen in <efficacious> Telogen and are ready to enter in healthy Anagen.

### WASH TEST

The wash test is the counting of hairs that fall out after the hair washing. Results: Number of hairs that are pulled mechanically after the washing diminishes after two months of usage of spray that contains 1% of Akosky Azuki. It indicates that hair follicles transform from <weak> Telogen in <efficacious> Telogen and are ready to enter in healthy Anagen.

### HAIR DENSITY MEASUREMENT

The hair density measurement is evaluated by microCAMERA.

Results: Akosky Azuki increases the number of hair follicles in Anagen phase in the first two months and decreases the number of hair follicles in Telogen phase. It can be noticed very well "dormant" status of hair follicles for the placebo.

#### AVERAGE ANAGEN

The average anagen/ telogenratio attests if hair are healthy or not. Healthy hair should follow the segmentation below:

- 80-90% in Anagen phase
- 1-2% in Catagen phase
- 10-20% in Telogen Phase A/T ratio = 4-9

Results: Akosky Azuki increases the A/T ratio of 17% in two months. It is a positive sign that hair follicles in the scalps of bald men are not "dead" as previously thought, but actually dormant and are waking up.

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