suisselle

beauty ▪ science ▪ innovation

CHAC technology

CELLBOOSTER®

HAIR

CLINICAL TRIAL

Results of the clinical trial on 26 healthy subjects treated with CELLBOOSTER® HAIR (stabilized booster complex using CHAC technology).
Fighting hair loss & Strengthening hair follicles to improve hair density and quality

GREDECO

CHAC technology

CELLBOOSTER® HAIR

CLINICAL TRIAL

INDICATIONS:

- Non cicatricial alopecia,
- Alopecia areata,
- Androgenic alopecia,
- Damaged hair shaft (brittle, dull color, split ends),
- Premature graying,
- Seborrhea, psoriasis.

TREATMENT AREAS:

Epidermis and dermis of the scalp (near hair roots according to the mesotherapy applied technique).

- ✓ Nourishes the scalp and fortifies follicles,
- ✓ Accelerates hair growth,
- ✓ Prevents hair loss and graying.

COMPOSITION:

HYALURONIC ACID 18 mg

VITAMINS
- Niacin
- Pantothenic Acid (B5)
- Pyridoxine (B6)
- Biotin (B7)
- Cyanocobalamin (B12)
- Rutin

AMINO ACIDS
- Arginine
- Cysteine
- Glutamine
- Glycine
- Lysine

COPPER

ZINC

STABILIZED REJUVENATING COMPLEX

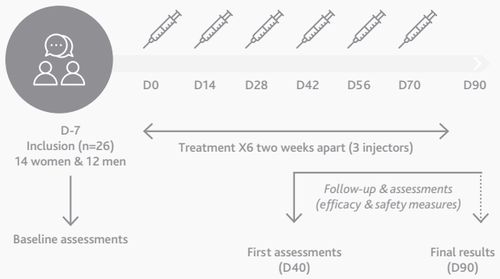
CHAC technology

METHODOLOGY:

Study purpose:

The objective of this study was to clinically assess the effect on hair density and hair quality after 6 sessions of CELLBOOSTER® HAIR injections on 26 healthy subjects, equally shared between men and women.

Patient treatments and follow-up & assessments



- 3 ml of Cellbooster® Hair.
- Injection by micro-papula technique.
- At least 50 injection points.

ASSESSMENTS:

Hair quality clinical analysis:

- ✓ Thickness
- ✓ Shine
- ✓ Hair loss

Hair density & thickness improvement:

- ✓ Scoring on macrophotography with Proscope x30

Hair shine

- ✓ Measurement with Glossymeter

Effect of the product:

- ✓ Scalp photographies by LifeViz 2D mini®

Subject satisfaction (self assessment) and GAIS (global aesthetic improvement scale)

Tolerance:

- ✓ Check of the absence of undesirable events at each visit.
- ✓ Each adverse event was reported within 48 hours and was included in the study report.

CHAC technology

CELLBOOSTER® HAIR

CLINICAL TRIAL

INCLUSION CRITERIA

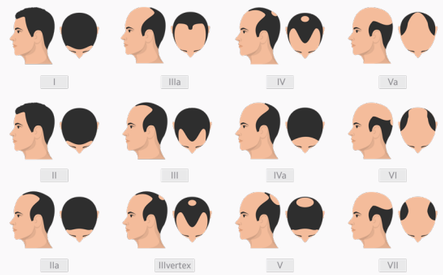
General criteria:

- ✓ Subjects able to follow the trial procedures.
- ✓ Subjects giving their free and written consent after oral and written information about the study.

Specific criteria:

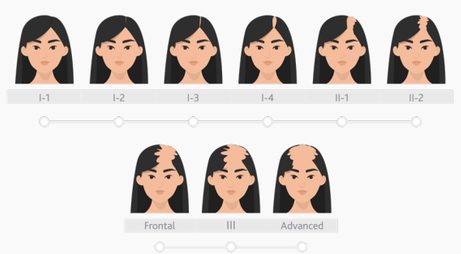
- ✓ Women or men, age over 18 years old.
- ✓ For men, qualification by the Norwood-Hamilton scale: class 2a, 3, 3a or 3a vertex.

Norwood-Hamilton scale



- ✓ For women, qualification by the Ludwig scale: type 1 or 2

Ludwig scale



- ✓ Women agreed to perform a pregnancy test (for women who can procreate a pregnancy test will be performed before each injection).
- ✓ Low to moderate capillary density.
- ✓ Subject not using care (topical or systemic) intended for hair growth/improvement.
- ✓ Subject agreeing not to be exposed to the sun for the duration of the study.

PRINCIPAL EXCLUSION CRITERIA - SUBJECTS WITH:

General criteria:

- ✓ Currently participating in another clinical study related to pharmaceuticals or medical devices or subject in a period of exclusion from a clinical study.
- ✓ Facial injections/implants of any non-absorbable filler in his or her lifetime.
- ✓ Pregnant or lactating woman.
- ✓ Often exposed to the sun or UV during the last 15 days.

Allergies & inflammatory condition or other risk of infections:

- ✓ History of multiple severe allergies or anaphylactic shock.
- ✓ Known hypersensitivity to hyaluronic acid or to chlorhexidine.
- ✓ Tendency to develop inflammatory skin reactions or hypertrophic scars.
- ✓ An inflammatory skin reaction on or near the area to be treated (according to the opinion of the investigator).
- ✓ History of streptococcal disease (recurrent angina, rheumatic fever).
- ✓ Skin pathology, or an acute inflammatory reaction or bacterial or viral infection, at the study area level, or seen 6 weeks after the end of such an episode.
- ✓ Epilepsy not controlled by treatment.
- ✓ General pathology, skin pathology, dermatosis, acute or chronic systemic disease, and/or taking general or topical treatment that in the opinion of the investigator may interfere with the treatment or compromise the subject's participation in the study.
- ✓ Dermatological diseases that can reach the scalp (for example: pelade or lichen planus).
- ✓ Endocrine disruption mainly affecting the thyroid and more specifically hypothyroidism.

Concomitant treatments:

- ✓ Oral/injectable corticosteroid (or not stopped for ≥ 3 months). Inhaled corticosteroids are allowed as well as topical corticosteroid therapy not involving study areas.
- ✓ Concomitant treatment (or not stopped for ≥ 1 year) of immunosuppressant or chemotherapy - A history of less than 12 months of radiation therapy at the study area level or of autoimmune pathology or connective tissue.
- ✓ Aspirin or anti-coagulants in regular doses during the past 15 days.

CHAC technology

CELLBOOSTER®

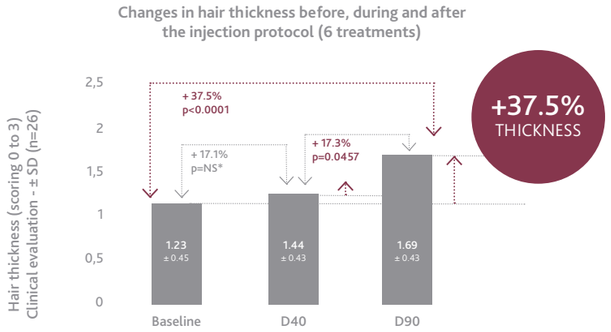
HAIR

CLINICAL EVALUATION RESULTS

3 weeks after the injection protocol (6 treatments)

CELLBOOSTER® Hair: for more hair strenght and resistance

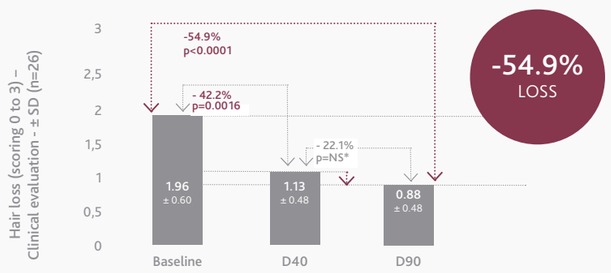
Clinical evaluation



A continuous & additive improvement in hair STRENGHT after injections of CELLBOOSTER® Hair with a more and more SIGNIFICANT & beneficial effect

CELLBOOSTER® Hair: for significantly less loss

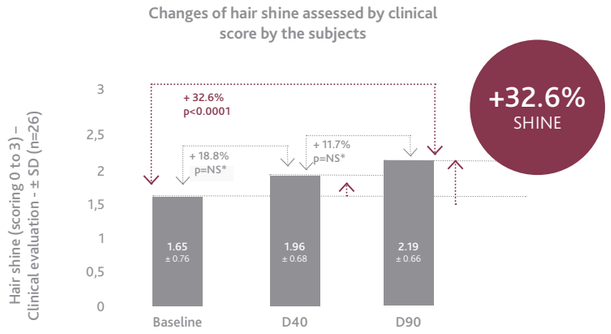
Clinical evaluation



CELLBOOSTER® Hair for a SIGNIFICANT reduction of hair loss
After 3 injections and even more after a full protocol of 6 injections

CELLBOOSTER® Hair: for shiny hair

Clinical evaluation



CELLBOOSTER® Hair for more shiny and beautiful hair
with a SIGNIFICANT benefit after 6 injections

** Not significant*
Statistical analyses were performed with the Friedman test.

CHAC technology

CELLBOOSTER®

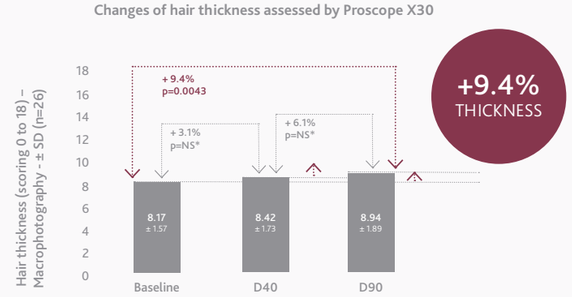
HAIR

BIOMETRIC EVALUATION RESULTS

3 weeks after the injection protocol (6 treatments)

CELLBOOSTER® Hair: a confirmation of the improvement of hair thickness by Proscope X30

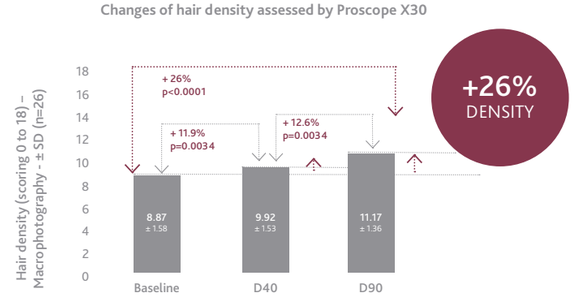
Macrophotography



A biometric confirmation of hair THICKNESS improvement with CELLBOOSTER® Hair with a SIGNIFICANT benefit after a full protocol (6 injections)

CELLBOOSTER® Hair: for more density

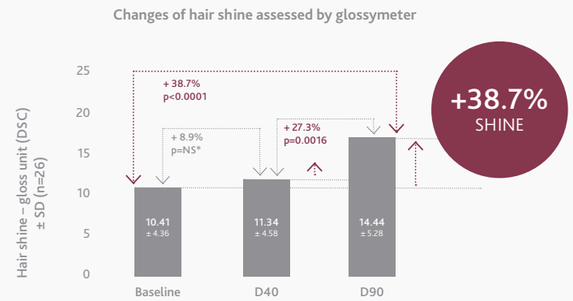
Macrophotography (Proscope X30)



CELLBOOSTER® Hair for more DENSITY of the hair in all assessed areas (posterior & middle central line, vertex, occiput, left & right temple) with a SIGNIFICANT benefit after 3 injections and an even more pronounced effect after a full protocol (6 injections)

CELLBOOSTER® Hair: a confirmation of the improvement of hair shine by glossymeter

Biometric assessment (glossymeter)



A biometric confirmation of hair SHINE improvement with CELLBOOSTER® Hair with a SIGNIFICANT benefit after a full protocol (6 injections)

** Not significant*
Statistical analyses were performed with the Friedman test.

CHAC technology

CELLBOOSTER®

HAIR

A very high satisfaction of the subjects regarding the benefits of CELLBOOSTER® Hair

96%
"MY HAIR CONDITION IS GLOBALLY IMPROVED"

88%
"MY HAIR LOSS IS REDUCED"

88%
"MY HAIR IS DENSER"

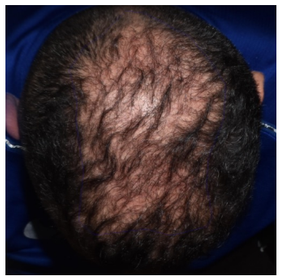
84%
"MY HAIR IS THICKER

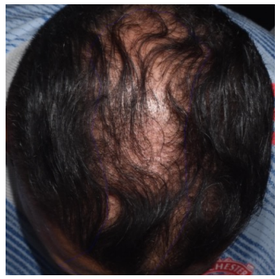
77%
"MY HAIR IS SHINIER"

65%
"MY HAIR GROWTHS BACK FASTER"

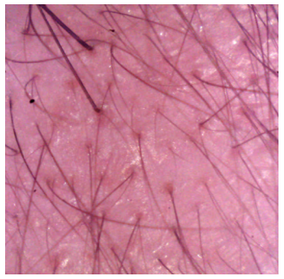
**(% of patients who "completely agree" or "rather agree" on quality of their hair – answer gathered with a self questionnaire)*

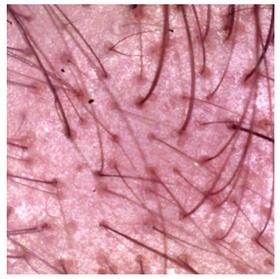
D0 D90



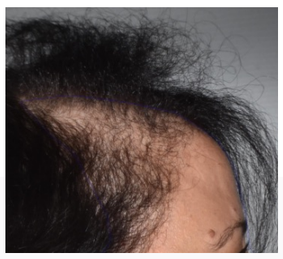


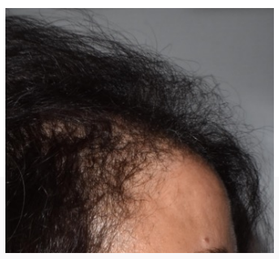
D0 D90



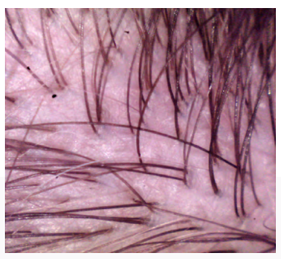


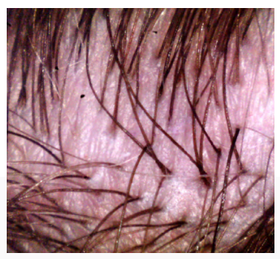
D40 D90



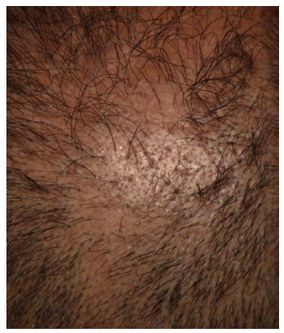


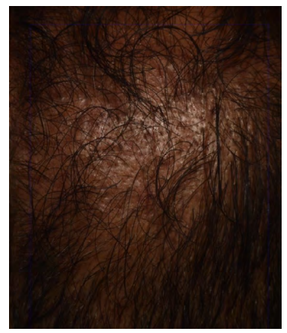
D0 D90



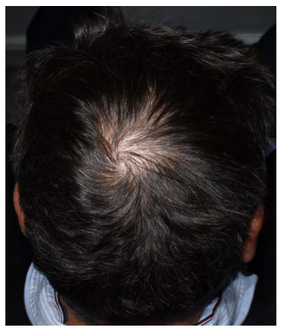


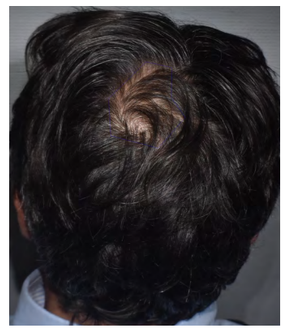
D0 D90



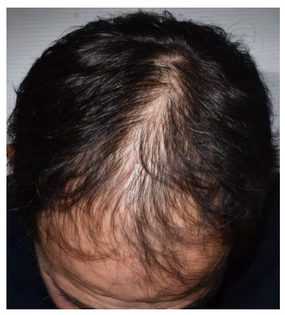


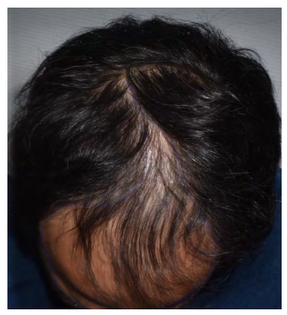
D0 D90



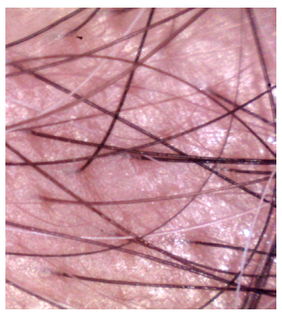


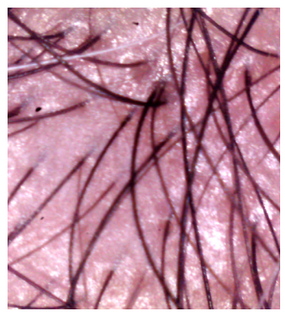
D0 D90





D0 D90





88%
"I WOULD RECOMMEND THE TREATMENT TO MY FRIENDS"

CHAC technology

CELLBOOSTER®

HAIR

CONCLUSION

Results 3 weeks after the injection protocol (6 treatments)

A strong clinical trial that allows 3 weeks after a 6 injections protocol to observe that CELLBOOSTER® Hair leads to:

Clinical evaluation

+37.5%
THICKNESS

-54.9%
LOSS

+32.6%
SHINE

Biometric assessments

+9.4%
THICKNESS

+26%
DENSITY

+38.7%
SHINE

A very high patient satisfaction

9
PATIENTS
OUT OF 10
Found their hair at least improved to very much improved.

+88.4% Find an improvement of the hair density.

+88.6% Find a slow down in hair loss.

+84.7% Find their hair thicker.

With a dermatological tolerance that was judged by the investigators as being Excellent for the 26 patients.

suisselle

beauty ■ science ■ innovation

Rue Galilée 6 | 1400 Yverdon-les-Bains | Switzerland

www.suisselle.com | info@suisselle.com

Suisselle Global @suisselle.pro