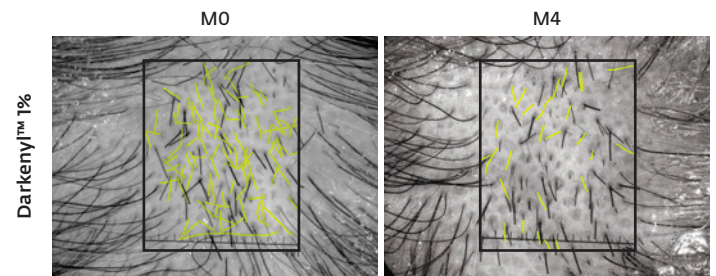
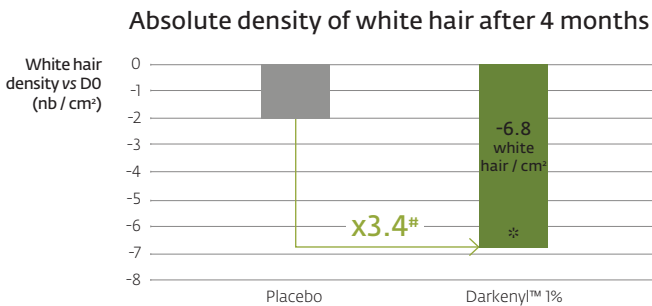
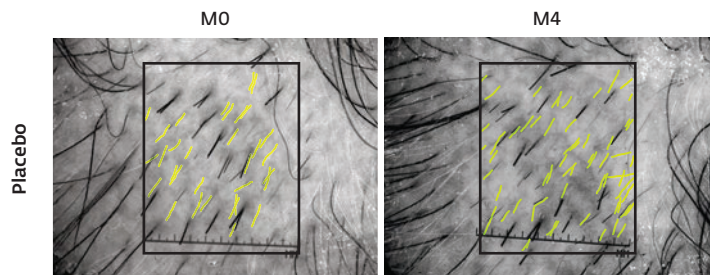


# Efficacy

## 2. Reduction of the white hair density per cm<sup>2</sup>

To evaluate the efficacy of Darkenyl™ independently from the scalp density, an absolute quantification of the white hair number was also performed.

At the beginning of the test, an area of 1 cm<sup>2</sup> was shaved on every panellists. Two days after shaving, a picture was taken of the area using a NIKON D7100 in combination with the Canfield Epiflash® system. The density of white hair (number/cm<sup>2</sup>) was evaluated with a specific Photoshop® tool, on a 0.7 cm<sup>2</sup> test area (1 x 0.7 cm) defined on the image. All white hair whose root was in the analysis zone were counted.



**Results:** After four months of treatment, Darkenyl™ significantly **decreases the number of white hair per cm<sup>2</sup> by -6.8, more than 3 times more efficiently than the placebo.** The density of white hair is visibly reduced, with **-55.7 white hair per cm<sup>2</sup>** for the best respondent after four months, equivalent to a reduction of -33,420 white hair (the average scalp surface being 600cm<sup>2</sup>).

## 3. Illustrative macroscopic clinical results

Criteria	Volunteer #18 (51 years old)	Volunteer #7 (53 years old)	Volunteer #17 (52 years old)
% of white hair	-56%	-41%	-42%
Density of white hair per cm <sup>2</sup>	-31.4 white hair per cm <sup>2</sup>	-55.7 white hair per cm <sup>2</sup>	-35.7 white hair per cm <sup>2</sup>
Total decrease of white hair number on scalp (600 cm <sup>2</sup> )	-18.800 white hair	-33.420 white hair	-21.420 white hair

