

[CLAIMS]

[Claim 1] A method for hair shaping treatment, comprising at least the steps of:

applying a first agent containing a reducing agent to hair, and leaving the hair for a predetermined period of time;

washing off the first agent applied to the hair;

applying a second agent containing an oxidizing agent to the hair, and leaving the hair for a predetermined period of time; and

washing off the second agent, wherein

the hair shaping treatment method further comprises the step of:

applying a gold nanocolloid liquid containing gold nanoparticles to the hair.

[Claim 2] The method for hair shaping treatment according to claim 1, wherein

the gold nanocolloid liquid is applied by spraying to the hair.

[Claim 3] The method for hair shaping treatment according to claim 1 or 2, wherein

the gold nanoparticles in the gold nanocolloid liquid have a concentration of 0.0001 mass% or more.

[Claim 4] The method for hair shaping treatment according to any one of claims 1 to 3, wherein

the step of applying the gold nanocolloid liquid to the hair is provided prior to application of the second agent.

[Claim 5] The method for hair shaping treatment according to any one of claims 1 to 4, wherein

the first agent has a pH of 5 to 8.

[Claim 6] The method for hair shaping treatment according to any one of claims 1 to 5, wherein

the method for hair shaping treatment is a method for hair straightening treatment, and

further comprises the step of:

straightening the hair from which the first agent has been washed off into straight hair, while heating the hair.

[Claim 7] The method for hair shaping treatment according to claim 6, further comprising the step of:

drying the hair from which the first agent has been washed off, and combing the hair while applying by spraying the gold nanocolloid liquid to the hair.

[Claim 8] The method for hair shaping treatment according to claim 6 or 7, wherein

the heating is performed with a hair iron set at 110 to 180°C.

[Claim 9] The method for hair shaping treatment according to any one of claims 1 to 6, wherein

the method for hair shaping treatment is a method for permanent waving treatment, and

further comprises the step of: shaping the hair by winding the hair around rods.

[Claim 10] The method for hair shaping treatment according to claim 9, further comprising the step of:

heating the rods to 50°C or higher, with the hair being wound around the rods.

[Claim 11] A hair treating liquid for hair shaping treatment that is applied to hair in hair shaping treatment that is hair straightening treatment or permanent waving treatment,

the hair treating liquid is gold nanocolloid liquid comprising gold nanoparticles.

[Claim 12] The hair treating liquid for hair shaping treatment according to claim 11, wherein

the gold nanocolloid liquid comprises 0.0001 mass% or more of gold nanoparticles.

[Claim 13]The hair treating liquid for hair shaping treatment
according to claim 11 or 12,

further comprising platinum nanoparticles.