TrichoConcept™
Innovative TrichoTech™ technology for treatment of alopecia
TrichoConcept™ is an innovative line of compounding vehicles and final products developed to provide advanced personalized alopecia treatment. The patented TrichoTech™ technology is based on an intelligent phytocomplex that increases the effectiveness of alopecia treatment based on a clinically evidenced biochemical activity.1

Fibroblasts are found in the dermal papilla of the hair follicles. In the study performed by Fagron, it has been found that TrichoTech™ stimulates fibroblast proliferation by activating a particular biochemical pathway (ERK).

According to recent scientific evidence, the latent phase between the anagen phase and the telogen phase, during which the regeneration of the hair follicle begins has been defined as neogen phase.2

TrichoTech™ contains Rosmarinus officinalis, Juniperus communis, Juniperus Virginiana, Amyris Balsamífera Bark, Lavandula angustifolia, Melaleuca alternifolia, Eucalyptus globulus.
TrichoConcept™ products are suitable for all hair types and help moisturizing, reducing greasiness and reconstructing the scalp.

**TrichoTech™ - In vitro studies**

**TrichoTech™ stimulates fibroblasts proliferation**

The diagram shows the effect of fibroblasts proliferation after a 24 hours exposure to different TrichoTech™ concentrations.

**TrichoTech™ increases mRNA expression of FGF-7 and FGF-10 factors involved in the stimulation of neogen phase**

The diagram shows the relative mRNA expression levels of FGF-7 and FGF-10 factors by use of RT-PCR control method.

**TrichoTech™ increases the production of collagen in fibroblasts by 25-30%**

The diagram shows the total collagen concentration measured in fibroblasts after the annexation of the colorant Sirius Red in exposure to different TrichoTech™ concentrations for 24 hours.

**TrichoConcept™ products are free of**

- Parabens
- Benzyl alcohol and benzyl benzoate
- Triclosan
- Boric acid
- Lanoline
- 1,4-dioxane
- Propylene glycol
- Artificial colorants
- Mineral oil / petrolatum
- Formaldehyde
Innovative foam base

TRICHOFOAM™

- Innovative foam base for topical application
- Featuring the patented TrichoTech™ technology helps to maximize the effectiveness of personalized treatments
- Free of propylene glycol, contains low alcohol concentration for enhancing the dissolution of water-soluble and fat-soluble pharmaceutical raw materials
- Gentle formulation with light skin feel
- Hypoallergenic and non-comedogenic
- Compatible with a wide range of pharmaceutical raw materials, proven ideal vehicle for incorporating minoxidil at concentration up to 7% without heating

Hydrophilic solution base

TRICHOSOL™

- Innovative hydrophilic solution base
- Featuring the patented TrichoTech™ technology that helps to maximize the effectiveness of personalized treatments
- Free of alcohol and propylene glycol
- Contains natural minerals especially suitable for application on difficult-to-treat areas, such as hairy skin and the scalp
- Hypoallergenic and non-comedogenic
- Compatible with a wide range of pharmaceutical raw materials, proven ideal vehicle for incorporating minoxidil at concentration up to 7% without heating

Compounding formulations for alopecia

Rx/
Minoxidil 2-7%
in TrichoSol™ qsp 100 ml
S. Apply once or twice-daily

Rx/
Ketoconazole 1%
in TrichoSol™ qsp 100 ml
S. Apply once-daily

Rx/
Clobetasole propionate 0.05%
in TrichoFoam™ qsp 100 ml
S. Apply once or twice-daily

Rx/
Latanoprost Fagron 0.005%
in TrichoFoam™ qsp 100 ml
S. Apply once-daily

Rx/
Clobetasol propionate 0.05%
in TrichoSol™ qsp 100 ml
S. Apply once or twice-daily

Rx/
17 alpha estradiol 0.025%
in TrichoSol™ qsp 100 ml
S. Apply once or twice-daily

Rx/
Minoxidil 2.7%
in TrichoFoam™ qsp 100 ml
S. Apply once or twice-daily

Rx/
Finasteride 0.1-0.25%
in TrichoFoam™ qsp 100 ml
S. Apply once-daily