TrichoConcept™ is an innovative line of compounding vehicles *(TrichoFoam™, TrichoSol™, TrichoOil™)* and final products *Fagron Neogen™* *(Fagron NeoOil™, Fagron NeoWash™, Fagron NeoCond™)* 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

**TrichoTech™ Neogen phase**

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.³

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**TrichoTech™ In vitro studies¹**

**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.
TRICHOFOAM™
Innovative foam base
- 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

TRICHOOL™
Hair oil base
- Innovative 100% natural lipid vehicle
- Featuring the patented TrichoTech™ technology helps to maximize the effectiveness of personalized treatments
- It is rich in essential fatty acids that hydrate and restores the scalp and hair
- Sealing and strengthening the cuticle, while decreases its porosity
- It is possible to incorporate fat-soluble active substances such as Prostaquinon™, vitamins A, E and corticosteroids such as betamethasone, clobetasol and fluocinolone

Compounding formulations for alopecia

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

**Rx/ Minoxidil 6% Dutasteride 0.1% in TrichoFoam™ qsp 100ml**
S. Apply once-daily

**Rx/ Minoxidil 5% Clobetasol propionate 0.05% in TrichoFoam™ qsp 50 ml**
S. Apply once-daily

**Rx/ Minoxidil 5% Latanoprost Fagron 0.005% in TrichoFoam™ qsp 50 ml**
S. Apply once-daily

**Rx/ Finasteride 0.1-0.25% 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/ Prostaquinon™ 3% All-rac-a-tocopherol 1% in TrichoOil™ qsp 30 ml**
S. Apply once-daily

References

Disclaimer: While a great deal of effort has been spent to ensure the accuracy of the dosages and formulations contained herein, no claims are made as to the uses, safety, efficacy or bioavailability of these recommendations. The content of this table cannot be construed as being a (medical) advice, recommendation or opinion. Medical professionals, doctors and compounding pharmacists using this information are advised to do so solely if appropriate in their own professional opinion and judgement. Fagron does not accept and cannot be held responsible or liable in any case for the formulation or information contained herein.