



TrichoCond™

Moisturizing conditioner with high hydration power

TrichoCond™

Maintaining hydration and a balanced scalp composition is paramount during topical treatments, to ensure their adequate permeation through skin layers. Additionally, following hair cleansing, adequate conditioning can improve the aspect of the hair, positively contributing to the patient's well-being.

TrichoCond™ is a moisturizing conditioner with high hydration power to be specially used during hair treatment regimens. **TrichoCond™** balances the sebum production on the scalp, keeping the structure aligned and firm, and provides a source of essential peptides to maintain the hair cuticle. **TrichoCond™** regulates the isoelectric point of the hair, preventing cuticle breakage and cortex exposure. The adjusted pH of this vehicle also promotes the final cohesion of the hair cuticles.

1

Reconstructs
the cuticle

2

Protects
against visible signs of aging hair

3

Replaces amino acids
and proteins,
favoring fiber repair

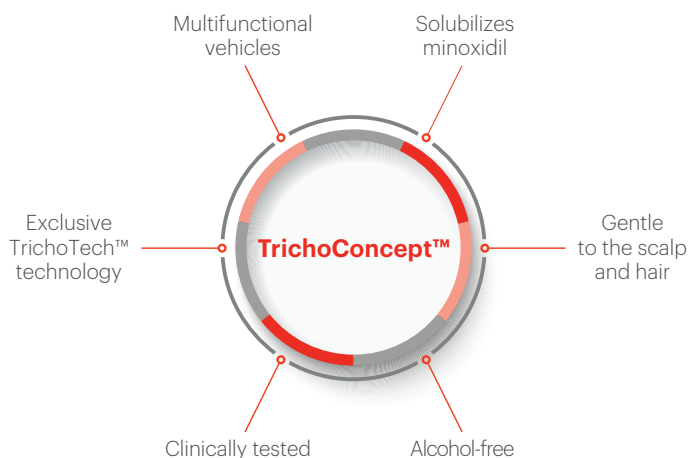
4

Promotes cohesion,
strengthening and hydration
of the cuticle

5

Non-greasy conditioner,
suitable for all hair types





TrichoConcept™

TrichoCond™ is part of the **TrichoConcept™**, the first global line of multifunctional compound-ing vehicles with the **TrichoTech™** technology, a Fagron patented phytocomplex specially developed for use in personalized alopecia treatment, with selected ingredients that act synergistically to provide multiple benefits to the bulb, scalp and shaft (BSS) hair system.¹

The Science Behind TrichoTech™

The efficacy of the **TrichoConcept™** line of vehicles and **TrichoTech™** have been validated in both *in vitro* and *in vivo* studies, showing:^{2,3}

1. Increase in fibroblasts proliferation
2. Increase in collagen content inside fibroblasts
3. Increase in the expression of fibroblasts growth factors (FGF-7, FGF-10)
4. Stimulation of the anagen phase on hair

TrichoConcept™ vehicles were developed to be compatible with the majority of the APIs and DCIs used in alopecia treatment, allowing their easy incorporation into the vehicles. There are seven different **TrichoConcept™** vehicles available, each one with exclusive characteristics according to the desired site or application.



Patient case study



Figure 1. Hair shaft images before treatment (baseline), and after 90 days.

Patient identification: J.P.M.

Gender: Male

Age: 43

Diagnosis

Androgenetic alopecia, seborrheic dermatitis.

Treatment protocol

- TrichoOil™ (once per week)
- TrichoWash™ (daily)
- TrichoCond™ (daily)
- TrichoSol™ + Minoxidil 5.0% (daily)

Results

After 90 days of treatment with the **TrichoConcept™** protocol, a significant improvement in the desquamation and new hair growth was observed (Figure 1).

The Safety of TrichoConcept™

All **TrichoConcept™** vehicles were evaluated in clinical studies to assess the skin's primary and accumulated irritation potential, skin sensitization, photoallergy and phototoxicity potential. After the completion of the studies, all the tested products:

- Do not induce primary and accumulated skin irritation
- Do not cause irritation
- Do not induce skin photoallergy or phototoxicity

TrichoConcept™ is formulated to be biocompatible with the hair and the scalp, without causing dryness or irritation. **TrichoConcept™** is free from allergens and controversial ingredients such as dyes, alcohol, parabens, mineral oils, sodium lauryl sulfate, propylene glycol, phthalates, silicones and petrolatum. **TrichoConcept™** vehicles have no safety concerns associated with any of their components and are cruelty-free, vegan, BSE/TSE-free (Bovine Spongiform Encephalopathy/ Transmissible Spongiform Encephalopathy), and GMO-free.

To maintain the physiology of the BSS hair system and avoid toxicity,
TrichoConcept™ vehicles are free from controversial ingredients that are frequently used in hair products:



References

1. Polonini, H., Taylor, S. & Zander, C. Compatibility of Different Formulations in TrichoConcept™ Vehicles for Hair Treatments. *Sci Pharm* **90**, (2022).
2. Amaral, F. et al. Effects of the Phytocomplex TrichoTech™ on Human Fibroblasts: Proliferative Potential and Effects on Gene Expression of FGF-7 and FGF-10. *Journal of Cosmetics, Dermatological Sciences and Applications* **07**, 1–13 (2017).
3. Pucci, A. V., Oliveira, A., Amaral, F. & Oliveira, C. R. Effects of Trichosol™ on Increasing the Anagen Phase of the Capillary Cycle of Volunteers. (2019) doi:10.4172/2471-9323.1000139.

Together
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of personalizing medicine.



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