

# TrichoConcept™

## Patient Cases Reports

**Acknowledgments**

These case reports were provided by certified dermatologists (Dr. Aline Velasco Pucci, and Dr. Gláucia Labinas).

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## Case Report

### Complementary treatment of chronic tinea capitis

Dr. Aline Velasco Pucci, Dermatologist

**Patient identification:** M.R.S.L.

**Gender:** Female

**Age:** 69

#### Complaint

Scalp discomfort (stinging sensation, itchiness) and hair loss over the past 7 months.

#### Evaluation

The patient was presenting scalp discomfort, reported as a stinging sensation and itchiness. Systemic symptoms were not reported. A dermatological exam revealed frontoparietal alopecia, essentially irregular, with scaling and diffuse erythema. During scalp examination, scales and tonsured hair were easily removed with damp gauze. The patient had no atrophy areas and skin lesions on other parts of the body.

The patient reported previous treatment with:

- Clobetasol 0.05% hydroalcoholic lotion - once daily for 3 months
- Ketoconazole 2.0% shampoo - 3 times per week
- Previous use of betamethasone 0.05% hydroalcoholic lotion

The patient had not performed previous exams (direct mycological, culture, and anatomopathological examinations). She was advised to stop using the lotion and shampoo to perform the mycological examination and fungal culture.

#### Diagnosis

Chronic tinea capitis (*Trichophyton tonsurans*). The patient had no immunological disorders that could be responsible for the chronicity of the fungal infection and she denied similar cases in the family.

#### Treatment

As the direct mycological examination and the fungal culture were positive for *Trichophyton tonsurans* and the previous treatment was not successful and even aggravated the inflammation, with progressive worsening, we changed and corrected the treatment using terbinafine 250 mg/day for 6 weeks, followed by **TrichoConcept™** protocol for 90 days (to accelerate hair growth).

After 6 weeks of Terbinafine use, the direct mycological examination and fungal culture were repeated and the result was negative, so **TrichoConcept™** protocol was started as described below:

##### 1. TrichoOil™

Pure, apply to the scalp and hair before washing, and leave for 10 minutes. Use 1x per week.

##### 2. TrichoWash™

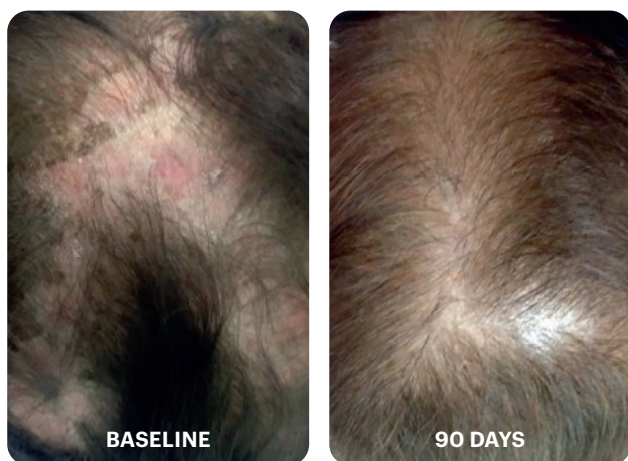
Pure, apply to wet hair, massage the scalp for 2 minutes, and rinse. Use daily.

##### 3. TrichoCond™

Pure, apply to wet hair after the shampoo, massage the scalp and hair for 2 minutes, and rinse. Use daily.

##### 4. TrichoSol™

With minoxidil 3.0%. Apply to towel-dry hair, and massage the scalp for 2 minutes. Use daily.



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

#### Results

New hair growth and significant improvement in scalp inflammation were observed after 90 days of treatment with the **TrichoConcept™** protocol (Figure 1).

#### Subjective Results

The patient reported new hair growth and increased hair density. Regulation of sebum production, a well-balanced scalp, and shinier hair shafts were also related. This perception led to greater adherence to treatment as the patient did not report side effects and discomforts.



## 2

## Case Report

## Latanoprost and TrichoConcept™ protocol in the treatment of androgenetic alopecia

Dr. Aline Velasco Pucci, Dermatologist

**Patient identification:** C.S.C.**Gender:** Female**Age:** 26**Complaint**

Hair rarefaction and oily scalp noted over the past 2 years.

**Evaluation**

Asian patient, with naturally thick hair, presenting thinness and diffuse hair rarefaction predominantly in the parietal region. The patient was previously treated with minoxidil 5.0% hydroalcoholic lotion (occasional use) and multivitamin supplements with no results. Furthermore, she also reported discomfort (scalp pruritus). Hair density reduction and hair shaft diameter variation were seen by trichoscopy.

**Diagnosis**

Androgenetic alopecia. The patient had no clinical or laboratory signs of hyperandrogenism or endocrinopathies. The use of continuous medications was denied.

**Treatment**

**TrichoConcept™** protocol for 90 days, as described below:

**1. TrichoOil™**

Pure, apply to the scalp and hair before washing, and leave for 10 minutes. Use 1x per week.

**2. TrichoWash™**

Pure, apply to wet hair, massage the scalp for 2 minutes, and rinse. Use daily.

**3. TrichoCond™**

Pure, apply to wet hair after the shampoo, massage the scalp and hair for 2 minutes, and rinse. Use daily.

**4. TrichoFoam™**

With Latanoprost 0.005%. Apply to towel-dry hair, and massage the scalp for 2 minutes. Use daily.

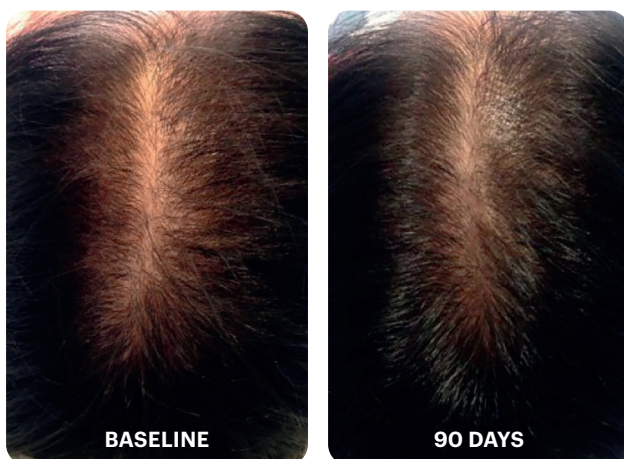


Figure 2. Hair shaft images before treatment (baseline), and after 90 days.

**Results**

New hair growth was observed after 90 days of treatment with the **TrichoConcept™** protocol (Figure 2).

**Subjective Results**

The patient reported new hair growth and increased hair density. Regulation of sebum production, a well-balanced scalp, and shinier hair shafts were also related. This perception led to greater adherence to treatment as the patient did not report side effects and discomforts.



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## Case Report

### Minoxidil and TrichoConcept™ protocol in the treatment of androgenetic alopecia

Dr. Aline Velasco Pucci, Dermatologist

**Patient identification:** F.P.M.

**Gender:** Female

**Age:** 23

#### Complaint

Diffuse hair loss over the past 3 years.  
Burning and itching scalp.

#### Evaluation

A female patient presenting thinning hair and rarefaction, with stronger involvement in the frontoparietal region. Trichoscopic examination showed reduced follicular density, hair shaft diameter variation, and multiple erythematous papules. Negative gentle pull test. The patient was previously treated with minoxidil 5.0% hydroalcoholic lotion, 17-alpha-estradiol lotion, and multivitamin supplements for 2 years. She noticed an improvement in hair shedding, but no increase in hair density. Improvement of scalp discomfort (burning and itching scalp) was also denied.

#### Diagnosis

Androgenetic alopecia; irritant or allergic contact dermatitis. The patient had clinical and laboratory signs of hyperandrogenism: seborrhea, acne, increased plasma androgen levels, and an altered oral glucose tolerance test. Transvaginal ultrasonography did not show ovarian changes. She was referred for endocrinological and gynecological follow-up. The use of continuous medications was denied.

#### Treatment

**TrichoConcept™** protocol for 90 days, as described below:

##### 1. TrichoOil™

Pure, apply to the scalp and hair before washing, and leave for 10 minutes. Use 1x per week.

##### 2. TrichoWash™

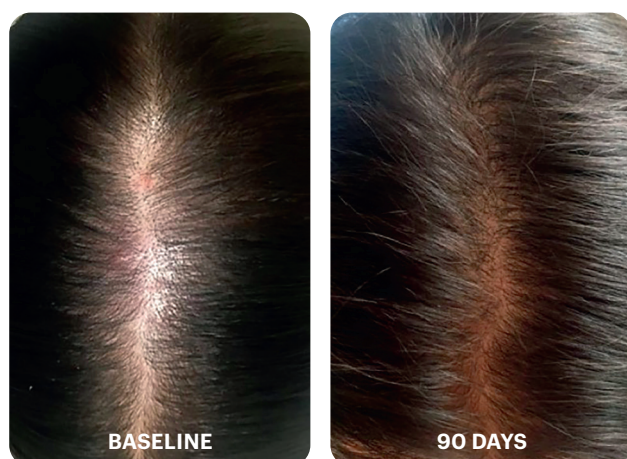
Pure, apply to wet hair, massage the scalp for 2 minutes, and rinse. Use daily.

##### 3. TrichoCond™

Pure, apply to wet hair after the shampoo, massage the scalp and hair for 2 minutes, and rinse. Use daily.

##### 4. TrichoSol™

With minoxidil 3.0%. Apply to towel-dry hair, and massage the scalp for 2 minutes. Use daily.



**Figure 3.** Hair shaft images before treatment (baseline), and after 90 days.

#### Results

New hair growth was observed after 90 days of treatment with the **TrichoConcept™** protocol (Figure 3).

#### Subjective Results

The patient reported new hair growth and increased hair density. Regulation of sebum production, a well-balanced scalp, a total improvement of scalp discomfort, and shinier hair shafts were also related. This perception led to greater adherence to treatment as the patient did not report side effects and discomforts.

## 4

## Case Report

## Telogen hair reduction and anagen hair increase in 90 days of treatment: instrumental evaluation by TrichoScan®

Dr. Aline Velasco Pucci, Dermatologist

**Patient identification:** M.V.L.B.S.**Gender:** Female**Age:** 53**Complaint**

Periods of hair loss after menopause (4 years ago), excessive hair shedding during washing, and burning scalp.

**Evaluation**

A female patient presenting thinning hair and rarefaction, with stronger involvement in the frontoparietal region and temples. Trichoscopic examination showed reduced follicular density, and hair shaft diameter variation, with evident thinning of the central scalp. Negative gentle pull test. The patient was using finasteride 2.5 mg daily and minoxidil 5.0% hydroalcoholic lotion, once daily, for 3 years. She reported periods of hair loss improvement but complained of facial hair growth (hypertrichosis).

**Diagnosis**

Androgenetic alopecia; telogen effluvium. The patient had no clinical or laboratory signs of hyperandrogenism or endocrinopathies. She reported systemic arterial hypertension and continuous use of angiotensin-converting enzyme inhibitor.

**Treatment**

**TrichoConcept™** protocol for 90 days, as described below:

**1. TrichoOil™**

With Prostaquinon™ 3.0%. Apply to the scalp and hair before washing, and leave for 10 minutes. Use 1x per week.

**2. TrichoWash™**

Pure, apply to wet hair, massage the scalp for 2 minutes, and rinse. Use daily.

**3. TrichoCond™**

Pure, apply to wet hair after the shampoo, massage the scalp and hair for 2 minutes, and rinse. Use daily.

**4. TrichoSol™**

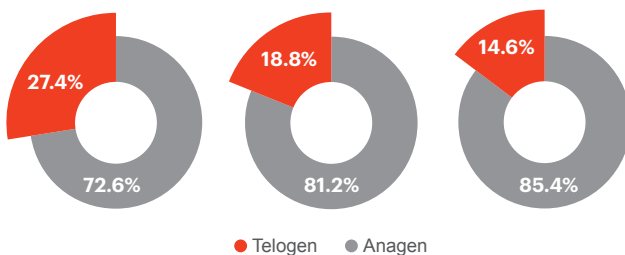
With Latanoprost 0.005%. Apply to towel-dry hair, and massage the scalp for 2 minutes. Use daily.

**Results**

After 45 days and 90 days, an increase in anagen hair was observed with the **TrichoConcept™** protocol (Figure 4).

**Subjective Results**

The patient reported new hair growth and increased hair density. Regulation of sebum production, a well-balanced scalp, and shinier hair shafts were also related. This perception led to greater adherence to treatment as the patient did not report side effects and discomforts.



**Figure 4.** TrichoScan® scalp images before treatment (baseline), after 45 and 90 days.



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## Case Report

**Telogen hair reduction and anagen hair increase in 90 days of treatment: instrumental evaluation by TrichoScan®**

Dr. Aline Velasco Pucci, Dermatologist

**Patient identification:** P.G.M.

**Gender:** Female

**Age:** 34

### Complaint

Hair rarefaction noted over the past 12 years.  
Excessive hair shedding in the last 3 months.

### Evaluation

A female patient presenting rarefaction and hair thinning of the upper biparietal and vertex region. Temples areas were also involved, with lower hair density. Trichoscopy showed hairs emerging individually from the follicular ostium, reduced follicle density, and diversity of the thickness of the hairs with an increased number of miniaturized hairs, especially in the vertex region. Positive gentle pull test. The patient reported previous treatment with minoxidil 5.0% hydroalcoholic lotion and multivitamin supplements, with discrete improvement.

### Diagnosis

Telogen effluvium; androgenetic alopecia. The patient had no clinical or laboratory signs of hyperandrogenism or endocrinopathies. The use of continuous medications was denied.

### Treatment

**TrichoConcept™** protocol for 90 days, as described below:

#### 1. TrichoOil™

Pure, apply to the scalp and hair before washing, and leave for 10 minutes. Use 1x per week.

#### 2. TrichoWash™

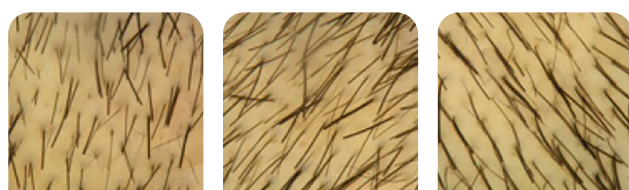
Pure, apply to wet hair, massage the scalp for 2 minutes, and rinse. Use daily.

#### 3. TrichoCond™

Pure, apply to wet hair after the shampoo, massage the scalp and hair for 2 minutes, and rinse. Use daily.

#### 4. TrichoFoam™

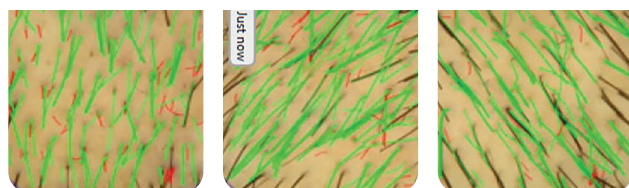
With minoxidil 3.0%. Apply to towel-dry hair, and massage the scalp for 2 minutes. Use daily.



BASELINE

45 DAYS

90 DAYS

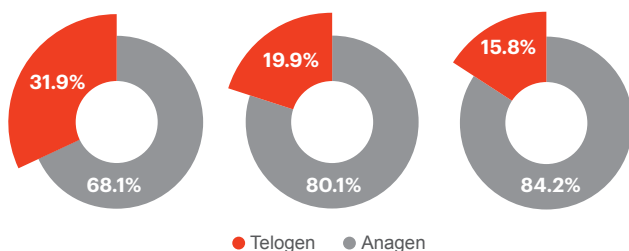


### Results

After 45 days and 90 days, an increase in anagen hair was observed. The use of minoxidil associated with **TrichoConcept™** protocol showed effectiveness, even when this active ingredient was prescribed in percentage and posology lower than usual (Figure 5).

### Subjective Results

The patient reported new hair growth and increased hair density. Regulation of sebum production, a well-balanced scalp, and shinier hair shafts were also related. This perception led to greater adherence to treatment as the patient did not report side effects and discomforts.



**Figure 5.** TrichoScan® scalp images before treatment (baseline), after 45 and 90 days.



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## Case Report

### Telogen hair reduction and anagen hair increase in 90 days of treatment: instrumental evaluation by TrichoScan®

Dr. Aline Velasco Pucci, Dermatologist

**Patient identification:** M.A.N.

**Gender:** Male

**Age:** 27

#### Complaint

Hair loss and oily scalp were noted over the past 4 years.

#### Evaluation

Hair rarefaction in frontoparietal and vertex regions. Trichoscopic examination showed reduced follicle density, diversity of the thickness of the hairs, and miniaturized hairs. The patient reported treatment with finasteride 1 mg daily, for 30 days, and subsequently interruption because of the fear of adverse effects; and minoxidil 5.0% hydroalcoholic lotion for 2 years, with no improvement.

#### Diagnosis

Androgenetic alopecia. Comorbidities or the use of continuous medications were denied.

#### Treatment

**TrichoConcept™** protocol for 90 days, as described below:

##### 1. TrichoOil™

Pure, apply to the scalp and hair before washing, and leave for 10 minutes. Use 1x per week.

##### 2. TrichoWash™

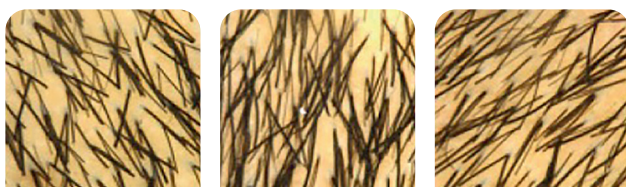
Pure, apply to wet hair, massage the scalp for 2 minutes, and rinse. Use daily.

##### 3. TrichoCond™

Pure, apply to wet hair after the shampoo, massage the scalp and hair for 2 minutes, and rinse. Use daily.

##### 4. TrichoSol™

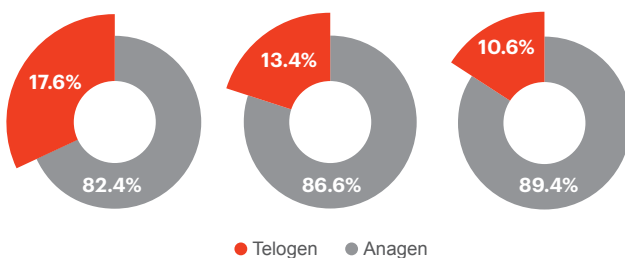
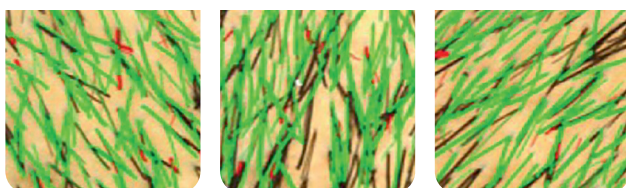
With minoxidil 3.0%. Apply to towel-dry hair, and massage the scalp for 2 minutes. Use daily.



BASELINE

45 DAYS

90 DAYS



**Figure 6.** TrichoScan® scalp images before treatment (baseline), after 45 and 90 days.

#### Results

After 45 days and 90 days, an increase in anagen hair was observed. The use of minoxidil associated with **TrichoConcept™** protocol showed effectiveness, even when this active ingredient was prescribed in percentage and posology lower than usual (Figure 6).

#### Subjective Results

The patient reported new hair growth and increased hair density. Regulation of sebum production, a well-balanced scalp, and shinier hair shafts were also related. This perception led to greater adherence to treatment as the patient did not report side effects and discomforts.



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## Case Report

### Minoxidil and TrichoConcept™ protocol in the treatment of androgenetic alopecia in a patient with HIV/AIDS

Dr. Gláucia Labinas, Dermatologist

**Patient identification:** J.P.M.

**Gender:** Male

**Age:** 43

#### Complaint

Hair rarefaction noted over the past 8 years and oily scalp for many years.

#### Evaluation

HIV-infected over the past 8 years. As a result of the disease, he was afraid to combine other treatments. Currently using HAART at higher CD4+ and undetectable viral load, he chose to seek specialized care for hair loss treatment. At the dermatological examination, the hair showed diffuse thinning and rarefaction, predominantly in the frontotemporal region and vertex. Trichoscopic examination showed a reduction of the hair density and a difference in the hair shaft diameter, besides interfollicular desquamation. Negative gentle pull test.

#### Diagnosis

Androgenetic alopecia; seborrheic dermatitis.

#### Treatment

**TrichoConcept™** protocol for 90 days, as described below:

##### 1. TrichoOil™

Pure, apply to the scalp and hair before washing, and leave for 10 minutes. Use 1x per week.

##### 2. TrichoWash™

Pure, apply to wet hair, massage the scalp for 2 minutes, and rinse. Use daily.

##### 3. TrichoCond™

Pure, apply to wet hair after the shampoo, massage the scalp and hair for 2 minutes, and rinse. Use daily.

##### 4. TrichoSol™

With minoxidil 5.0%. Apply to towel-dry hair, and massage the scalp for 2 minutes. Use daily.



BASELINE



90 DAYS

**Figure 7.** Hair shaft images before treatment (baseline), and after 90 days.

#### Results

After 90 days of treatment with the **TrichoConcept™** protocol, a significant improvement in the desquamation and new hair growth was observed (Figure 7).

#### Subjective Results

The patient reported new hair growth and increased hair density. Regulation of sebum production, a well-balanced scalp, and shinier hair shafts were also related. This perception led to greater adherence to treatment as the patient did not report side effects and discomforts.

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## Case Report

### Minoxidil and TrichoConcept™ protocol in the treatment of male androgenetic alopecia and hair dryness

Dr. Gláucia Labinas, Dermatologist

**Patient identification:** R.S.F.

**Gender:** Male

**Age:** 28

#### Complaint

Hair loss and rarefaction noticed over the past 5 years with dry, opaque, and non-growing hair. Discomfort in the scalp (burning, itching, redness).

#### Evaluation

A male patient presenting hair loss and diffuse rarefaction over the past 5 years with a dry and brittle hair shaft. He did not like the hair aspect, so he kept it very short. He also reported intermittent episodes of burning, itching, and redness on the scalp.

Previously he had been treated with:

- Minoxidil 5.0% in hydroalcoholic lotion, in use for 5 years
- Finasteride 1 mg/day, in irregular use
- Multivitamins

At the dermatological examination, the hair showed thinning and diffuse rarefaction, predominantly in the frontotemporal region and vertex. Trichoscopic examination showed reduced follicle density and difference in hair shaft diameter, besides interfollicular scaling and diffusely erythematous scalp. The hair shaft appearance was opaque, brittle, and rough to the touch. Negative gentle pull test.

#### Diagnosis

Androgenetic alopecia; seborrheic dermatitis; dry hair.

#### Treatment

**TrichoConcept™** protocol for 90 days, as described below:

##### 1. TrichoOil™

Pure, apply to the scalp and hair before washing, and leave for 10 minutes. Use 1x per week.

##### 2. TrichoWash™

With ciclopirox 1.5%. Apply to wet hair, massage the scalp for 2 minutes, and rinse. Use daily.

##### 3. TrichoCond™

With D-pantenol 0.5% and niacinamide 0.5%. Apply to wet hair after the shampoo, massage the scalp and hair for 2 minutes, and rinse. Use daily.

##### 4. TrichoFoam™

With minoxidil 5.0%. Apply to towel-dry hair, and massage the scalp for 2 minutes. Use daily.



**Figure 8.** Hair shaft images before treatment (baseline), and after 90 days.

#### Results

After 90 days of treatment with the **TrichoConcept™** protocol, a significant improvement in the rarefaction and growth of new hair was observed, with complete resolution of scalp discomfort. He also noticed smoother and shinier hair shaft (Figure 8).

#### Subjective Results

The patient reported new hair growth, increased hair density and shine, with no scalp discomfort. This perception led to greater adherence to treatment and he chose to keep his hair longer because he was very satisfied with the improved hair quality.



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## Case Report

### Telogen hair reduction and anagen hair increase in 90 days of treatment: instrumental evaluation by TrichoScan®

Dr. Aline Velasco Pucci, Dermatologist

**Patient identification:** L.F.L.

**Gender:** Male

**Age:** 23

#### Complaint

Hair loss and bitemporal recession for the last year. Scaling and oily scalp.

#### Evaluation

A male patient was presenting a progressive decrease in hair density on the vertex and frontoparietal regions, with bitemporal recession. Trichoscopy showed reduced follicle density, diffuse thinning of the hairs, and miniaturized hairs in the frontal and parietal regions. Diffuse erythema and scaling were also seen. Negative gentle pull test. He reported treatment with minoxidil 5.0% hydroalcoholic lotion for 3 months, with some improvement, but discomfort (pruritus) when applying the lotion. Four months ago, he stopped using minoxidil. The patient had no dermatologic follow-up.

#### Diagnosis

Androgenetic alopecia; seborrheic dermatitis. Comorbidities or the use of continuous medications were denied.

#### Treatment

**TrichoConcept™** protocol for 90 days, as described below:

##### 1. TrichoOil™

Pure, apply to the scalp and hair before washing, and leave for 10 minutes. Use 1x per week.

##### 2. TrichoWash™

Pure, apply to wet hair, massage the scalp for 2 minutes, and rinse. Use daily.

##### 3. TrichoCond™

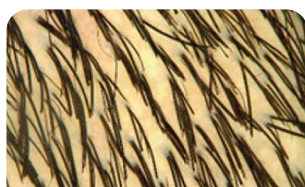
Pure, apply to wet hair after the shampoo, massage the scalp and hair for 2 minutes, and rinse. Use daily.

##### 4. TrichoFoam™

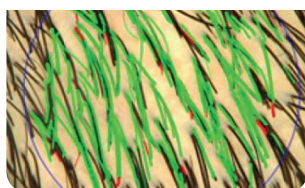
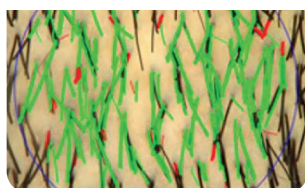
With minoxidil 3.0%. Apply to towel-dry hair, and massage the scalp for 2 minutes. Use daily.



**BASELINE**



**90 DAYS**

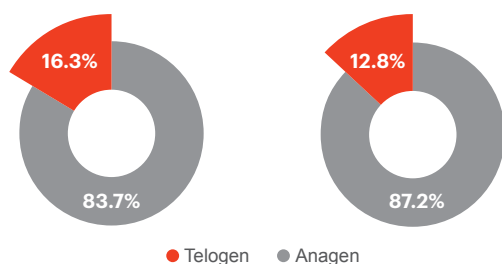


#### Results

After 45 days and 90 days, an increase in anagen hair was observed. The use of minoxidil associated with **TrichoConcept™** protocol showed effectiveness, even when this active ingredient was prescribed in percentage and posology lower than usual (Figure 9).

#### Subjective Results

The patient reported new hair growth and increased hair density. Regulation of sebum production, a well-balanced scalp, and shinier hair shafts were also related. This perception led to greater adherence to treatment as the patient did not report side effects and discomforts.



**Figure 9.** TrichoScan® scalp images before treatment (baseline), and after 90 days.



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## Case Report

### Telogen hair reduction and anagen hair increase in 90 days of treatment: instrumental evaluation by TrichoScan®

Dr. Aline Velasco Pucci, Dermatologist

**Patient identification:** L.B.L.

**Gender:** Female

**Age:** 67

#### Complaint

Hair loss and rarefaction were noted over the past 2 years.

#### Evaluation

The patient was presenting a reduction in hair thickness and density in the frontal and parietal regions, easily noted by dividing the hair in the middle. Bitemporal rarefaction was also noted. Trichoscopy showed hairs emerging individually from the follicular ostium, reduced follicle density, and hair shaft diameter variation. Positive gentle pull test. Previous treatments were denied.

#### Diagnosis

Telogen effluvium; androgenetic alopecia. The patient reported osteopenia, calcium, and vitamin D supplementation. No other comorbidities.

#### Treatment

**TrichoConcept™** protocol for 90 days, as described below:

##### 1. TrichoOil™

Pure, apply to the scalp and hair before washing, and leave for 10 minutes. Use 1x per week.

##### 2. TrichoWash™

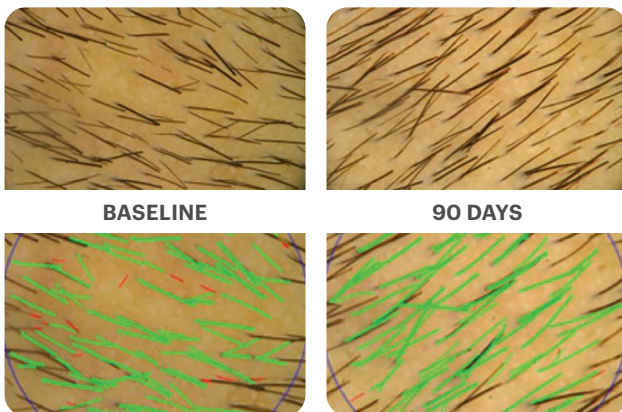
Pure, apply to wet hair, massage the scalp for 2 minutes, and rinse. Use daily.

##### 3. TrichoCond™

Pure, apply to wet hair after the shampoo, massage the scalp and hair for 2 minutes, and rinse. Use daily.

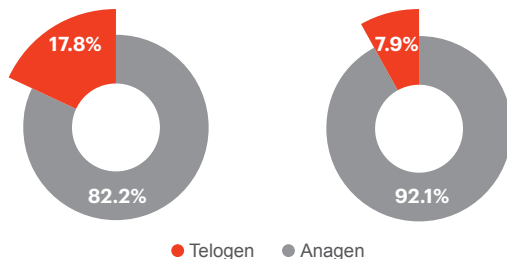
##### 4. TrichoFoam™

With minoxidil 3.0%. Apply to towel-dry hair, and massage the scalp for 2 minutes. Use daily.



BASELINE

90 DAYS



● Telogen ● Anagen

**Figure 10.** TrichoScan® scalp images before treatment (baseline), and after 90 days.

#### Results

After 90 days, an increase of anagen hair was observed (Figure 10).

#### Subjective Results

The patient reported new hair growth and increased hair density. Regulation of sebum production, a well-balanced scalp, and shinier hair shafts were also related. This perception led to greater adherence to treatment as the patient did not report side effects and discomforts.



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