

PolyPhil™  
Injectable Polynucleotides

croma

# Real-life Results



CE 0373

PolyPhil™



CE 0373

PolyPhil™ eye



CE 0373

PolyPhil™ hair



CE 0373

PolyPhil™ next

# PolyPhil™ – rejuvenation for the face, body and hair



## PolyPhil™

### Composition:

PN- HPT™ 40 mg/2 ml

### Suggested applications:

Younger/delicate skin – neck, face, décolletage, hands, scars, acne scarring



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## PolyPhil™ hair

### Composition:

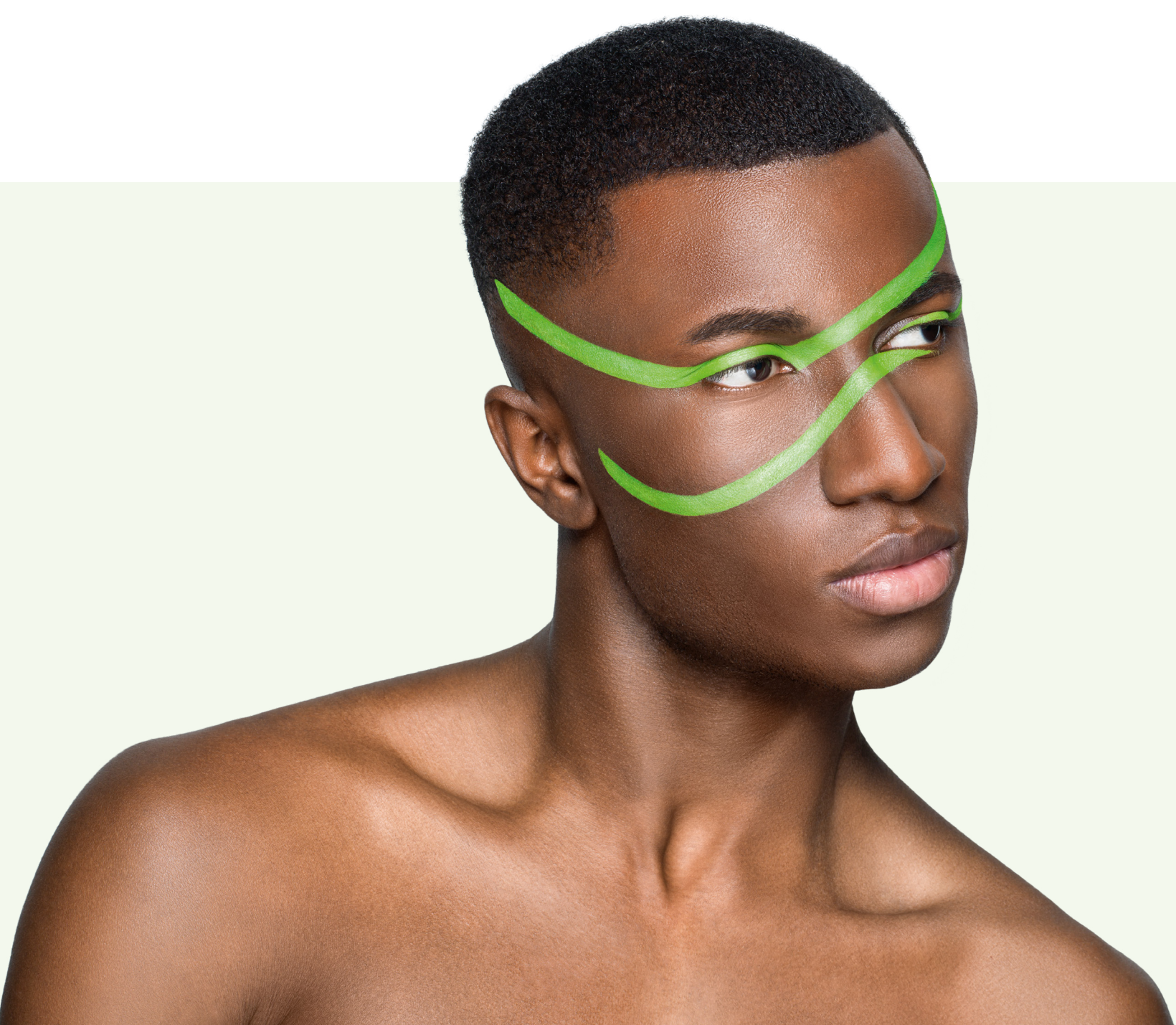
PN- HPT™ 15 mg/2 ml

### Suggested applications:

Hair, eyebrows



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## PolyPhil™ eye

### Composition:

PN- HPT™ 15 mg/2 ml

### Suggested applications:

Eye contour, eyelids



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## PolyPhil™ next

### Composition:

PN- HPT™ 20 mg/2 ml; hyaluronic acid 20 mg/2 ml; mannitol

### Suggested applications:

Mature and/or dehydrated skin – neck, face, décolletage, hands, scars, acne scarring



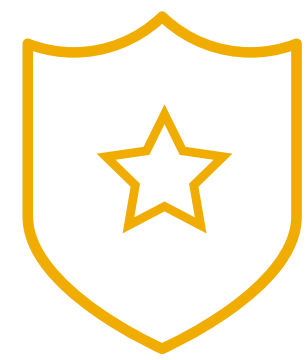
CE 0373

# Transform your skin with PolyPhil™

Polynucleotides, the main ingredient of PolyPhil™, have the power to awaken the skin's natural radiance, enhancing your complexion without filters. Reducing fine lines and improving skin tone and elasticity, Polynucleotides help us achieve a firmer and more youthful appearance.

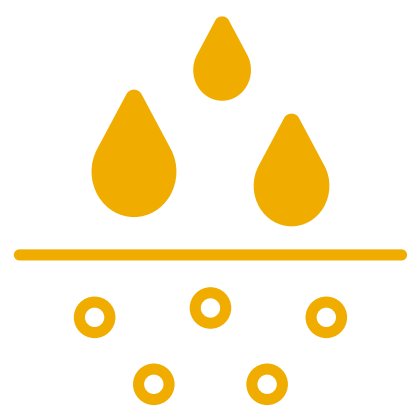
When Polynucleotide's are injected into the skin, they stimulate the production of collagen<sup>1</sup> and elastin, which help to improve the texture and elasticity of the skin<sup>3</sup>. Polynucleotides also enhance the skin's natural ability to retain moisture, resulting in a more hydrated and youthful appearance<sup>3</sup>.

## Unlock the full potential of your skin with PolyPhil™!



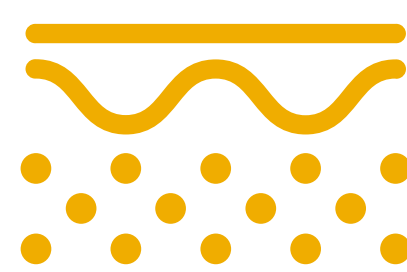
### **Safety<sup>3</sup>**

PolyPhil™ has proven efficacy supported by extensive clinical data.



### **Enhanced skin hydration<sup>2</sup>**

Improves the hydration<sup>2</sup> levels of the skin, leading to a more radiant and healthy-looking complexion.



### **Improved skin texture<sup>3</sup>**

PolyPhil™ improves the texture of the skin, helping it feel softer and smoother.



### **Reduction in fine lines<sup>4</sup>**

Reduces the appearance of fine lines particularly around the eyes and mouth.



### **Skin rejuvenation<sup>3</sup>**

PolyPhil™ stimulates the production of collagen<sup>1</sup> and elastin in the skin, leading to a smoother, more youthful complexion.

# Cases



BEFORE



AFTER



Image courtesy of Dr. Alexandra Ogilvie

**Female, 51 years old, Problem: scar** | Treatment with PolyPhil™, PolyPhil™ eye | Frequency: 3 sessions every 4 weeks | Targeted area for treatment: chin and upper lip (scars) fullface, periocular | Amount of product used/side: 1.0 ml | Injection technique: Microdroplet/fanning | Injection depth (layer): Intradermal | Amount/Injection: 1.0-0.3 ml



# Cases

## BEFORE



## AFTER



**Female, 26 years old, Problem: acne scars** | Treatment with PolyPhil™ | Frequency: 3 sessions every 2-3 weeks | Targeted area for treatment: cheeks and chin | Amount of product used/side: 1.0 ml | Injection technique: Microdroplet/fanning | Injection depth (layer): Intradermal | Amount/Injection: 1.0-0.3 ml | Result after 8 weeks

Image courtesy of Dr. Alexandra Ogilvie

# Cases



## BEFORE



## AFTER



**Problem: Scar, MTB accident** | Targeted area for treatment: Forehead | Product Used: PolyPhil™ and PolyPhil™ eye | Number of session: 4 | Interval between sessions: 3 weeks | Amount of product used/side: 1.0ml | Injection Technique: Microdroplet/ fanning | Injection depth (layer): Intradermal | Interval between before and after: 12 weeks

## BEFORE



## AFTER 4 WEEKS

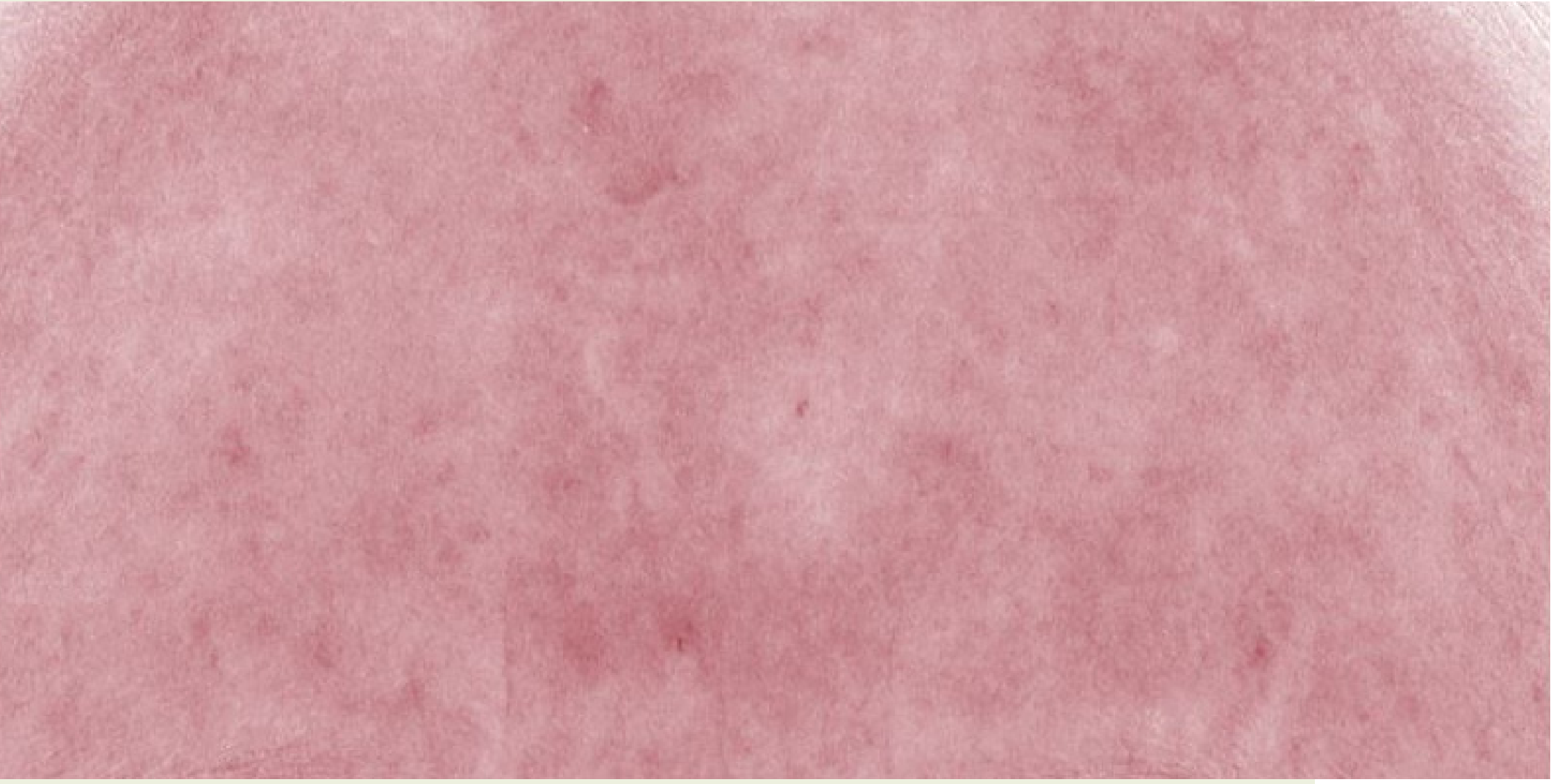
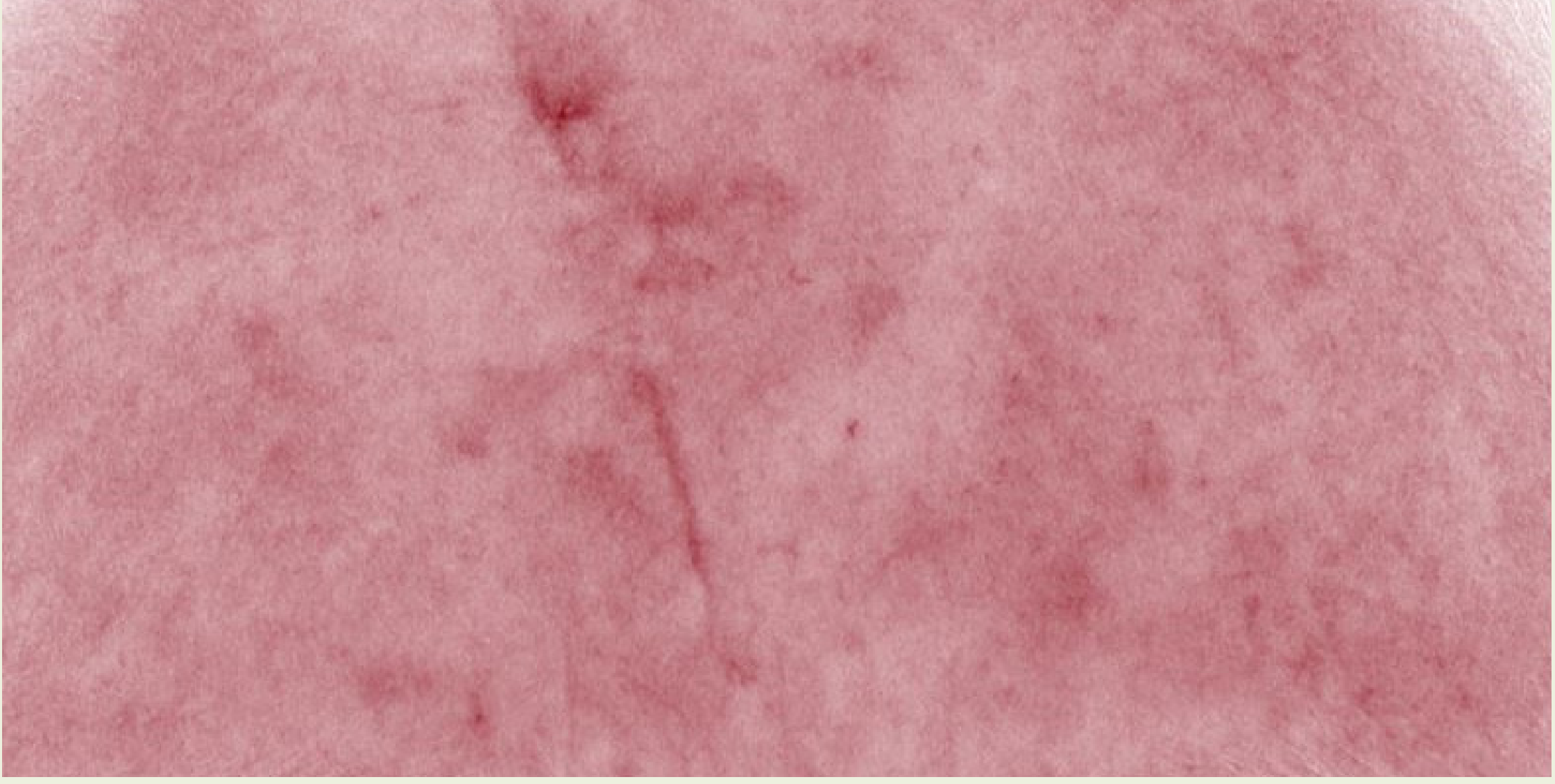


Image courtesy of Dr Alexandra Ogilvie

*“PolyPhil™ range convinced me as an **innovative concept for biorevitalization** of the skin. The capacity of polynucleotides to **catalyse tissue remodeling** continues to surprise me, especially in scar treatment.*

*Furthermore I like to use it in **particularly sensitive areas** of the face where other materials or procedures are limited, such as the periocular region.”*



Dr. Alexandra Ogilvie

# Cases



BEFORE



AFTER



Image courtesy of Prof. Syed Haq

**Female, 74 years old, Problem: Age-related changes to the midface and tear trough areas** | Treatment with PolyPhil™ Eye and PolyPhil™ | Frequency: 5 sessions every 2-3 weeks | Targeted area for treatment: midface and under eye area | Amount of product used/Total: 10.0 ml of PolyPhil™ Eye and 10.0 ml of PolyPhil™ | Injection technique: Microdroplet | Injection depth (layer): Intradermal | Amount/Injection: 2.0ml each of PolyPhil™ and PolyPhil™ Eye per session | Result after 3 months

*“PolyPhil™ range in short has been a true **eye-opener** in my clinical practice with my patients in the past one year. The ability of this polynucleotide injectible has been **truly transformative in the area of rejuvenation** of the skin of the **face, neck, eye, body and hair.**”*

*Targeting fibroblasts to produce more collagen in a **safe and clinically efficacious** manner.*

*This is a significant step forward in how we as clinicians can **biorejuvenate and biorevitalise our patients’ dermis.**”*



Prof. Syed Haq



# Cases

BEFORE



AFTER



**Female 36 years old, Problem: Dark under eye circles** | Targeted area for treatment: periocular | Product Used PolyPhil™ Eye | Number of session: 3 | Interval between sessions: 3-4 weeks | Amount of product used/side: 1ml | Injection technique: Microdroplet /fanning | Injection depth (layer): Intradermal | Amount/injection: 0.1-0.3 ml | Interval between before and after: 12 weeks

Image courtesy of Dr. Alexandra Oglivie



# Cases

## BEFORE



## AFTER

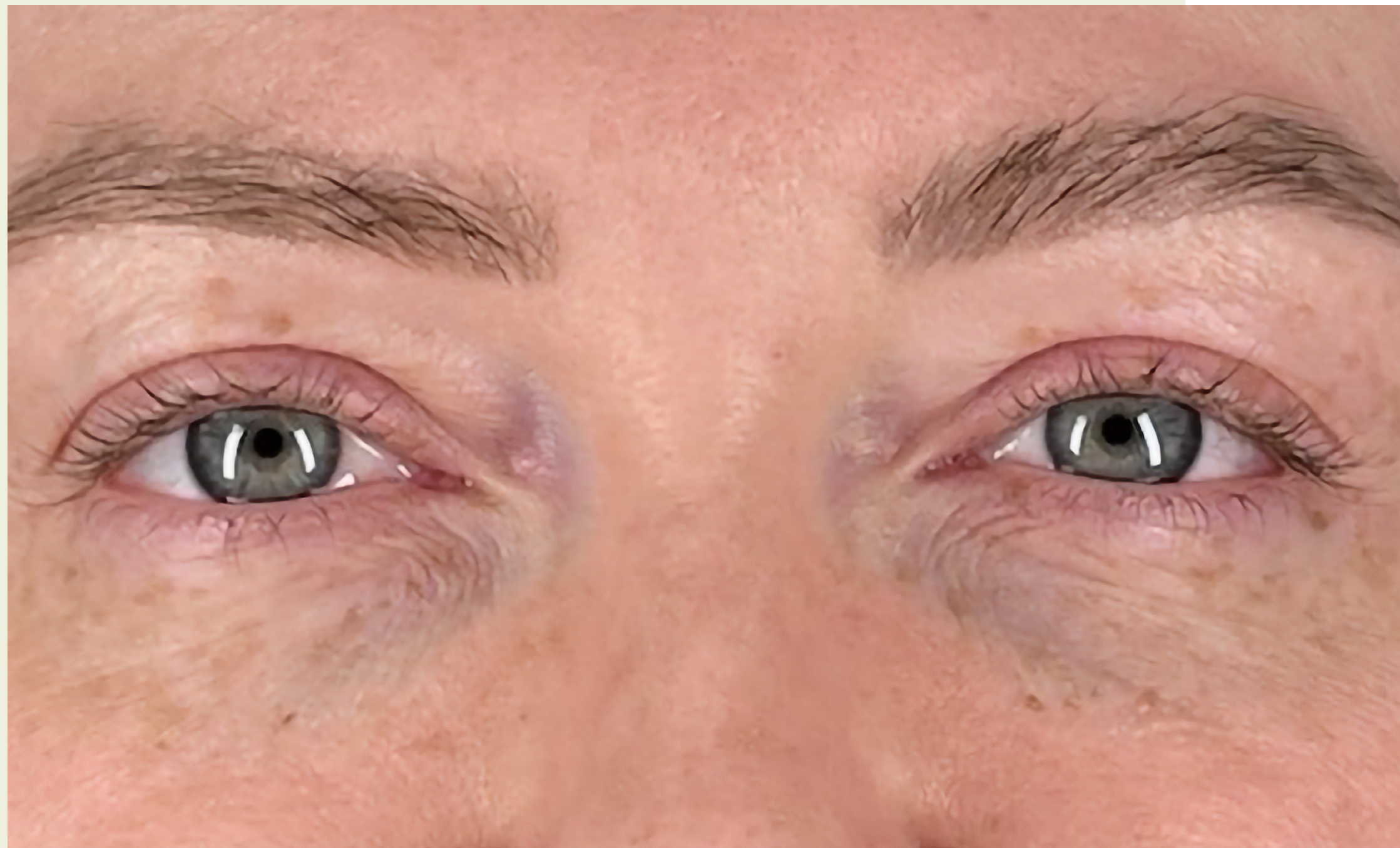
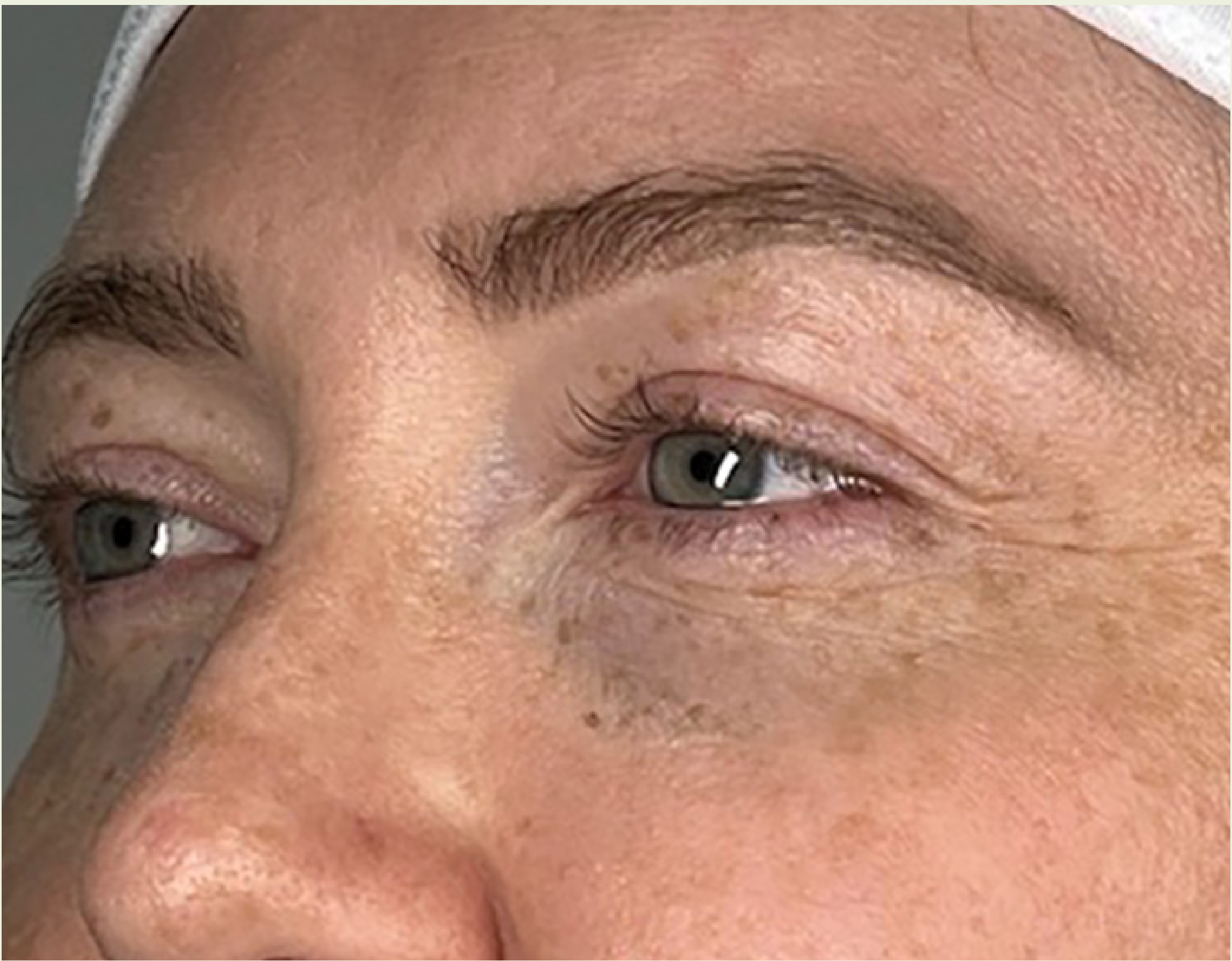


Image courtesy of Grace Cobner



**Problem: eyes** | Targeted area for treatment: periocular | Product Used PolyPhil™ Eye | Number of session: 3| Interval between sessions: 3-4 weeks | Amount of product used/side: 2ml | Injection depth (layer): Intradermal microdroplet | Amount/injection: 1ml | Interval between before and after: 10 weeks



# Cases

## PHOTOGRAPHIC DOCUMENTATION AND HAIRMETRIX EVALUATION (EARLY ANALYSIS)



PRE TREATMENT



3 X TREATMENTS



5 X TREATMENTS

**Female, Problem: Post-menopausal Hair loss** | Treatment with PolyPhil™ hair | Frequency: 5 sessions every 1-2 weeks | Targeted area for treatment: Hair | Amount of product used/Total: 10.0 ml | Injection technique: Microdroplet | Injection depth (layer): Intradermal | Amount/Injection: 2.0ml per session | Result after 8 weeks

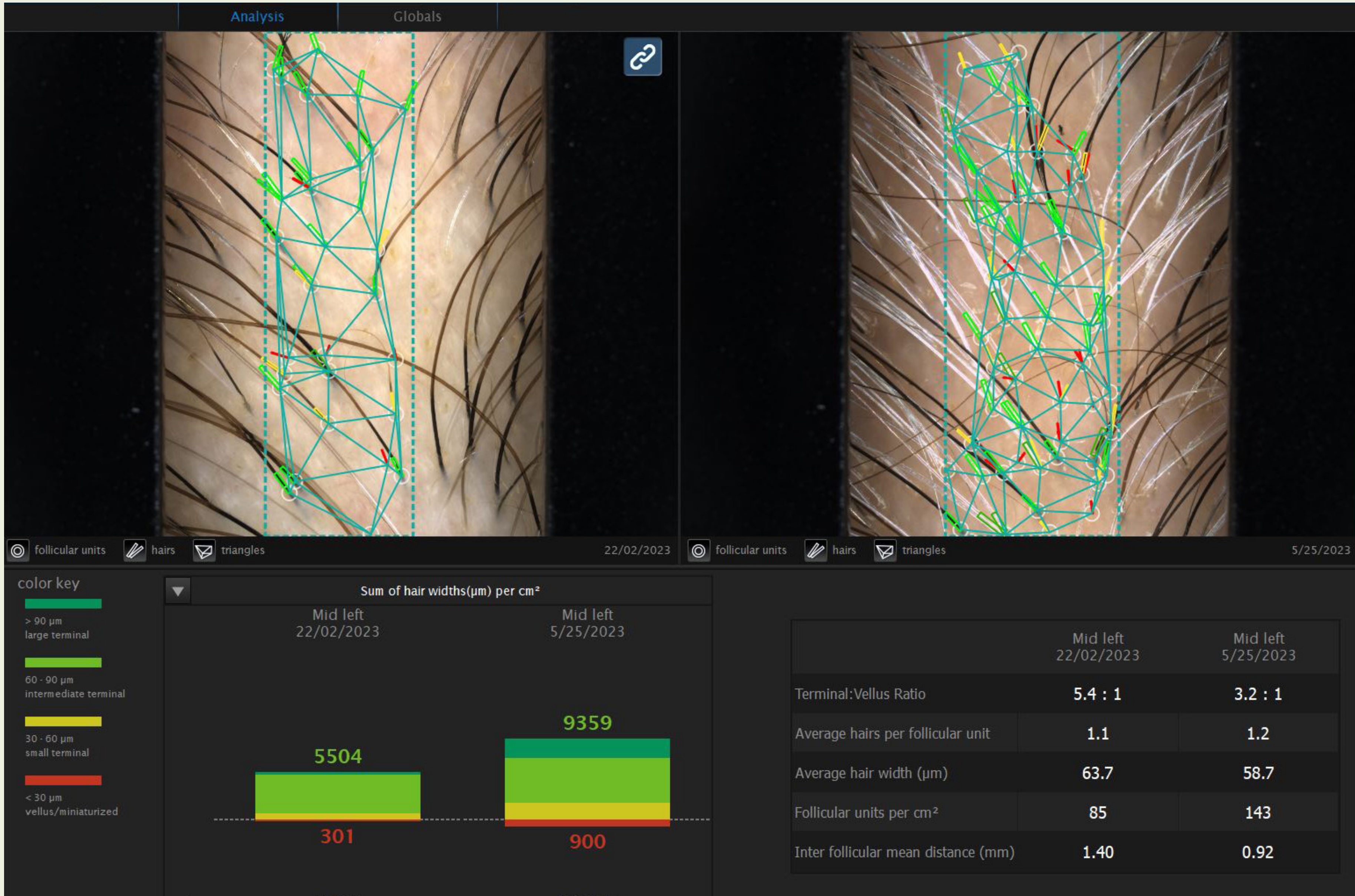


Image courtesy of Prof. Syed Haq

**Ave 16.5% increase in the sum of the hair width (mm) per cm²**  
**Ave 2-Fold increase in Vellus Hair**

Pre & post treatment photography analysis using Canfield Visia



# Cases

## BEFORE



## AFTER



Image courtesy of Prof. Syed Haq

**Male, 46 years old, Problem: Scalp Lichen Planus** | Treatment with PolyPhil™ Hair | Frequency: 5 sessions every 2 weeks | Targeted area for treatment: scalp crown front hairline | Amount of product used/Total: 10.0 ml | Injection technique: Microdroplet | Injection depth (layer): Intradermal | Amount/Injection: 2.0ml per session | Result after 3 months



# Cases

## BEFORE



## AFTER



Image courtesy of Grace Cobner

**Problem: Thinning hair** | Targeted area for treatment: Scalp | Product Used PolyPhil™ Hair | Number of session: 4 | Interval between sessions: weekly | Amount of product used/side: 2ml | Injection depth (layer): Intradermal microdroplet | Amount/injection: 1ml | Interval between before and after: 4 weeks

*“The PolyPhil™ portfolio has been a **great addition to my clinic** as a stand alone treatment, as well as a treatment primer to work alongside other injectables to enhance and improve their results.*

*The results that we have witnessed have **impressed both myself and my patients**, especially our hair results which have been life changing”*



Grace Cobner  
RN NMP  
Azira Aesthetics

# Cases



## BEFORE



## AFTER 4TH TREATMENT



Image courtesy of Elaine Williams

**Problem: Hair loss** | Targeted area for treatment: Central bald patch | Product Used: PolyPhil™ Hair | Number of session: 8 | Interval between sessions: as per Consensus | Amount of product used/side: Syringe per session | Injection Technique: Intradermal microdroplet | Injection depth (layer): Intradermal | Interval between before and after: 14 weeks

*“This treatment has given me a ray of hope when I have felt like nothing has been able to help me. The treatment started once a week for the first month and Elaine has been super supportive throughout the whole process. The injections themselves were a little painful but within 15 minutes of the procedure my head felt normal and there is no lasting tenderness. After the first month of weekly treatment the injections are then only done once a month. After week 6 I began to see new hair growth where I had lost patches. My hair continues to grow now even after the treatment has finished and I am so grateful to Elaine for recommending this treatment and for her continued support. I would recommend this treatment for anyone suffering from hair loss”.*

## Patient Testimonial

*“There are a number of reasons why I included Croma PolyPhil™ polynucleotides into my clinical practice, this includes:*

***Tissue repairing and stimulating properties** - collagen production, improvements in skin elasticity and overall skin quality. Safety profile - **low risk**. Efficacy - **great natural results**. Compliments other treatments. Most importantly **Patient satisfaction** - patients are really appreciating the regenerative approach to treatments - such as hair restoration leading to **increased confidence, improved skin quality** without looking ‘done’”*



Elaine Williams  
RN, NMP, MSc,  
EOS Aesthetics

# Cases



## BEFORE



## AFTER



Image courtesy of Rebecca Taylor Aesthetics

**Problem: eduction of stretch marks** | Targeted area for treatment: Abdomen | Product Used: PolyPhil™ x 2, PolyPhil™ Next x2 | Number of sessions: 4 | Interval between sessions: 3 weekly | Amount of product used/side: 2mls directly into stretch marks across abdomen at each session. | Injection Technique: Micro bolus and linear thread | Injection depth (layer): Dermis Amount / injection: 0.05mls per injection | Interval between before and after: 5 months | Proposed maintenance protocol: Repeat course in 6-12 months | Outcome: A clear reduction in the appearance of stretch marks as well as an significant improvement in the skin quality.



PolyPhil™ next

# Cases

**BEFORE**



**AFTER**



Image courtesy of Prof. Syed Haq

**Problem: Improvement of skin firmness and appearance** | Targeted area for treatment: Midface and upper forehead | Product Used: PolyPhil™ next & Nitroplasma | Number of session: 1 | Interval between sessions: Only 1 session | Amount of product used/ side: 2.0 ml in total | Injection Technique: Microdroplet | Injection depth (layer): Intradermal | Interval between before and after: 4 weeks



PolyPhil™ next

# Cases

## BEFORE



## AFTER



Image courtesy of Prof. Syed Haq

### DM 3D Baseline Pre & Post comparison. R & L Hands

**Female, Problem: Ageing hands** | Treatment with PolyPhil™ next | Frequency: 3 sessions every 2-3 weeks | Targeted area for treatment: Hands | Amount of product used/Total: 6.0 ml | Injection technique: Microdroplet | Injection depth (layer): Intradermal | Subcutaneous Amount/Injection: 2.0ml per session 0.05-0.1ml | Result after 3 months



PolyPhil™ next

# Cases

## BEFORE



## AFTER

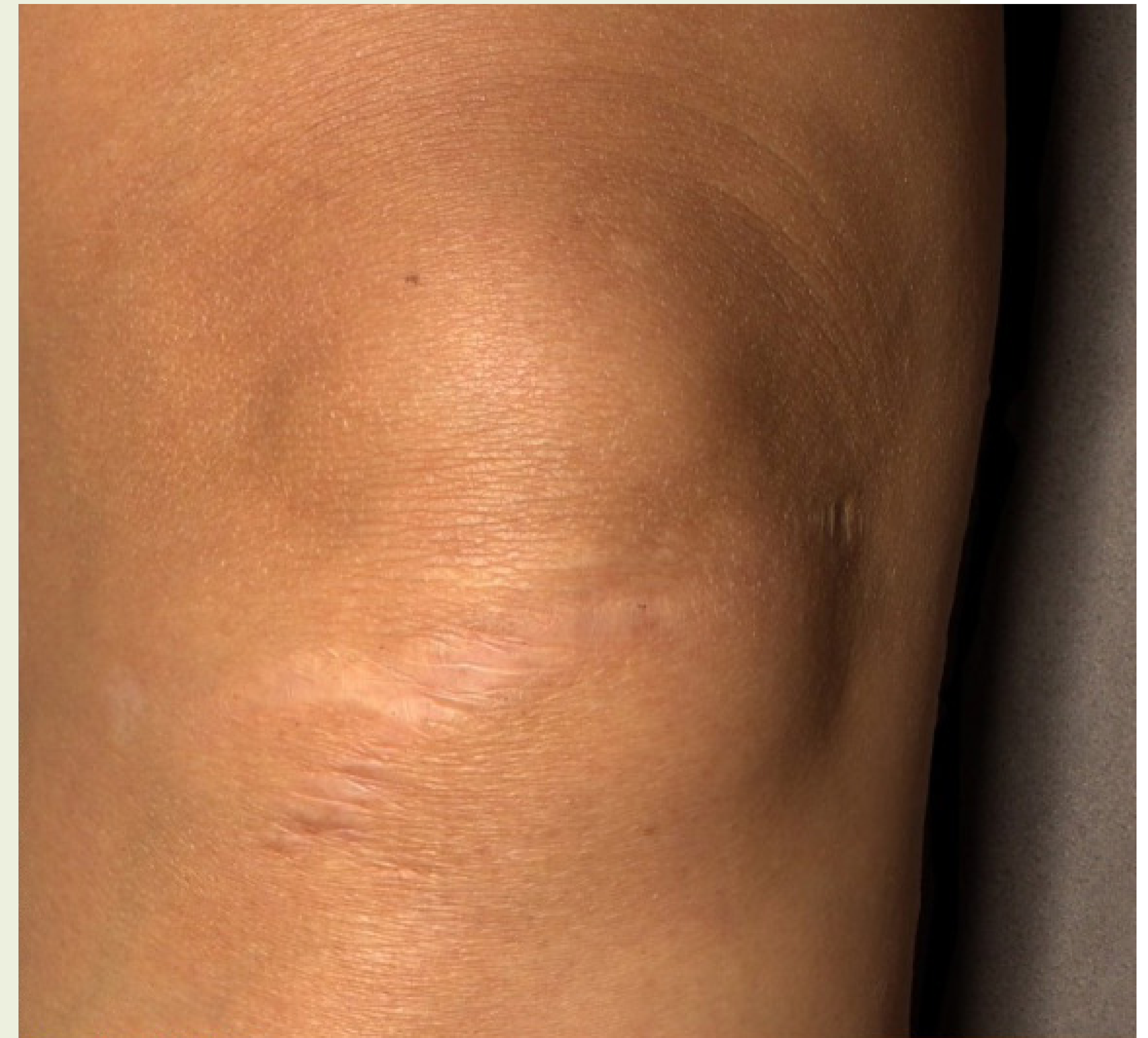


Image courtesy of Prof. Syed Haq

### HB 3D Baseline Pre & Post comparison knee scar

**Female, Problem: 35 year old knee scar** | Treatment with PolyPhil™ next | Frequency: 3 sessions every 2-3 weeks | Targeted area for treatment: Knee | Amount of product used/Total: 6.0 ml | Injection technique: Microdroplet | Injection depth (layer): Intradermal | Subcutaneous Amount/Injection: 2.0ml per session 0.05-0.1ml | Result after 3 months

*Since the introduction of **PolyPhil™ next** into my practice, I have found that the hybrid polynucleotide injectable allows me to help many of my patients with their common skin concerns. Examples of the benefit of using **PolyPhil™ next** include a significant reduction in skin redness and dryness, improved hydration, reduced skin sensitivity, improvement in rhytids and reduced brown spots.*

***PolyPhil™ next** is my go-to product with many of my patients who have all been highly satisfied by the positive improvements that it has made to their skin. Some of the comments that my patients make on a regular basis include how much better their skin looks overall with improved glow, a more even complexion, improvement in their pores and overall greater tightness.*



**Prof. Syed Haq**

# Continuous care at home: Our cromapharma skincare portfolio



With our Croma skincare portfolio we are offering a selected range of skincare products to continue skin journeys beyond the clinic.

\*Please note, that skincare products should only be used on fully healed, intact and undamaged skin.

## References

- 1 Collangelo MT, Govoni P, Beletti s, Squadrito F, Guizzardi S, Galli C. Polynucleotide biogel enhances tissue repair, matrix desposition and organization. J. of Biological Regulators & Homeostatic Agents. 2021;Vol35(1):355-362.
- 2 Bartoletti E, Cavallini M, Maioli L, Massirone A, Palmieri IP, Papagni M et al. Introduction to Polynucleotides Highly Purified Technology. Aesthetic Medicine.2020 Oct-Dec;Vol.7(1):43-47.
- 3 Cavallini M, Papagni M. Long Chain Polynucleotides Gel and Skin Biorevitalization. International Journal of Plastic Dermatology-ISPLAD. 2007; 3(3): 27-32

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The medical practitioner confirms having informed the patient of a likely risk associated with the use of the medical device in line with its intended use. For risks and adverse events associated with the use of the product consult the instructions of use.