

croma

PolyPhil

Injectable Polynucleotides

BEAUTY  
NEEDS  
NO FILTER

AND REJUVENATED SKIN  
WHEN IT COMES TO RADIANT

PolyPhil Aesthetic  
Mastery

▪ Celebrating Skin Radiance,  
▪ Rejuvenation and Glow



# Our commitment

At Croma-Pharma, we are continuously improving our portfolio to match our partners' expectations and stay in line with the ever-evolving market trends. We are offering comprehensive product solutions for skin treatments not only for the face but also for the scalp, hands, décolletage, and neck or even treating scars or striae on the body.

*In our dynamic field,  
staying ahead means  
**embracing innovation,**  
**understanding the**  
**evolving preferences**  
of both practitioners  
and patients, and  
**recognizing the**  
**trends** that shape  
our industry.*



# Skin booster injections

The biostimulator injections' market has rapidly risen to prominence, ranking among the top 3 minimally invasive aesthetic treatments that healthcare practitioners perform regularly.<sup>1</sup>

Skin booster injections are most frequently applied to enhance the skin of the **midface, lower face, décolletage, and hands**, reflecting their versatility in addressing various aesthetic concerns.<sup>1</sup>

MIDFACE

LOWER FACE

DÉCOLLETAGE



## 1 PolyPhil



PN-HPT™ 40mg/2ml; 1 syringe x 2ml; 2 x 30G x 1/2, 13mm

**Suggested applications:**

Young skin – face, neck, décolletage, hands, scars, acne scarring

**Depth of injection:** Intradermal

**Injection technique:** Microdroplet, linear or fan technique (needle)

CE 0373

## 2 PolyPhil eye



PN-HPT™ 15mg/2ml; 1 syringe x 2ml; 2 x 30G x 1/2, 13mm

**Suggested applications:** Eye contour, eyelids

**Depth of injection:** Intradermal

**Injection technique:** Microdroplet, linear or fan technique (needle)

CE 0373

## 3 PolyPhil hair



PN-HPT™ 15mg/2ml; 1 syringe x 2ml; 2 x 30G x 1/2, 13mm

**Suggested applications:** Hair, eyebrows

**Depth of injection:** Intradermal

**Injection technique:** Microdroplet or linear technique (needle)

CE 0373

## 4 PolyPhil next



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

1 syringe x 2ml; 2 x 30G x 1/2, 13mm

**Suggested applications:** Mature and dehydrated skin – face, neck, décolletage, hands, scars, acne scarring

**Depth of injection:** Intradermal

**Injection technique:** Microdroplet, linear or fan technique (needle)

CE 0373



# Understanding Age-Related Skin Changes

Age related changes can occur in all tissue layers of the skin. Aging is associated with a significant decrease in superficial midfacial fat tissue volume and thickness. Also the loss of bony support leads to a decrease of volume. Apart from the volume loss, these changes also lead to sagging.

The synthesis of elastin and collagen also decreases with time, causing surface roughness, possibly because of the decreased water and sebum content in the skin, leading to skin rhyditis, wrinkles and lines.<sup>2,3</sup>

Skin quality is important to human health and wellbeing and patients' perception for the need for aesthetic treatment<sup>2</sup>.

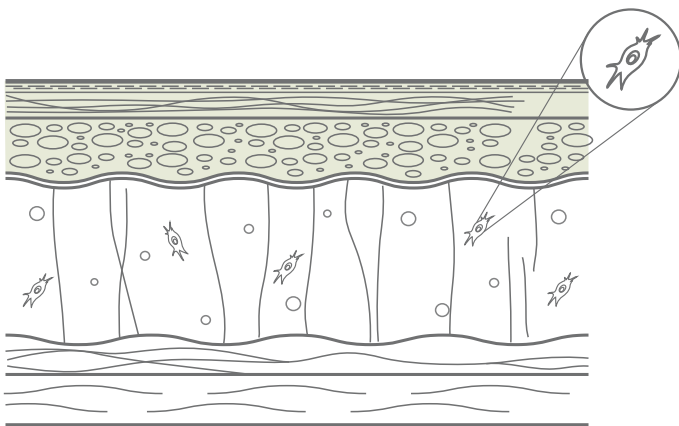


# Clinically proven technology for high safety and efficacy

## PN-HPT™ (POLYNUCLEOTIDES – HIGH PURIFICATION TECHNOLOGY)

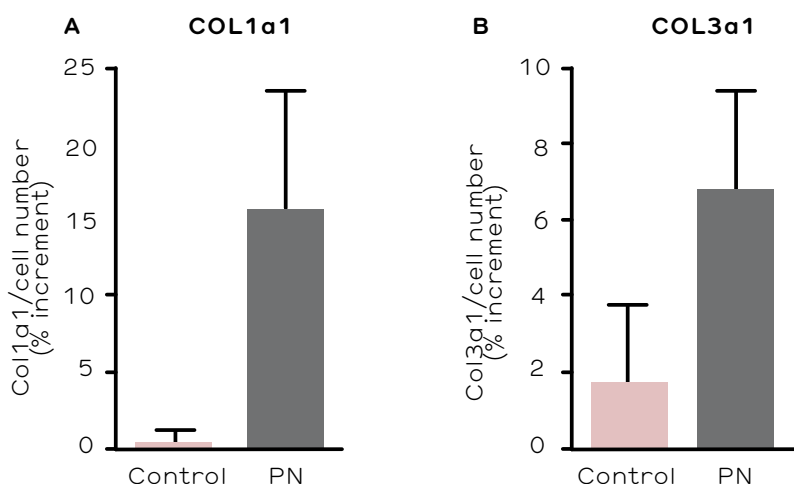
Derived from water sources in a fully controlled environment ensuring safety and quality through a unique high purification technology in a European-based production facility. Over 70 years of research and 100+ published studies presented at national and international congresses support the safety and efficacy of Polynucleotides.

### PN-HPT™ mode of action:



- promotes hydration<sup>1</sup>
- promotes free radical scavenging<sup>7</sup>
- increases viability & number of fibroblasts<sup>3</sup>
- increases collagen synthesis<sup>3</sup>

## PN STIMULATED A HIGHER EXPRESSION OF COLLAGEN 1A1 AND COLLAGEN 3A1 WITHOUT SHOWING SIGNS OF FIBROSIS



Expression of Collagen 1a1 (A) and Collagen 3a1 (B) in the culture supernatants of primary fibroblasts grown in the absence or in the presence of PN, as the ratio between the percent increase in Collagen production from 96 hours to 1 week of culture from stimulation and the percent increase in cell numbers during the same time span.



# Cases

## BEFORE

## AFTER



**Male, 46 years old: 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: 10.0 ml | Injection technique: Microdroplet | Injection depth (layer): Intradermal | Amount/Injection: 2.0ml per session | Result after 3 months

Image courtesy of Prof. Syed Haq



**Female, 74 years old: 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: 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

Image courtesy of Prof. Syed Haq

*“The 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.**”*



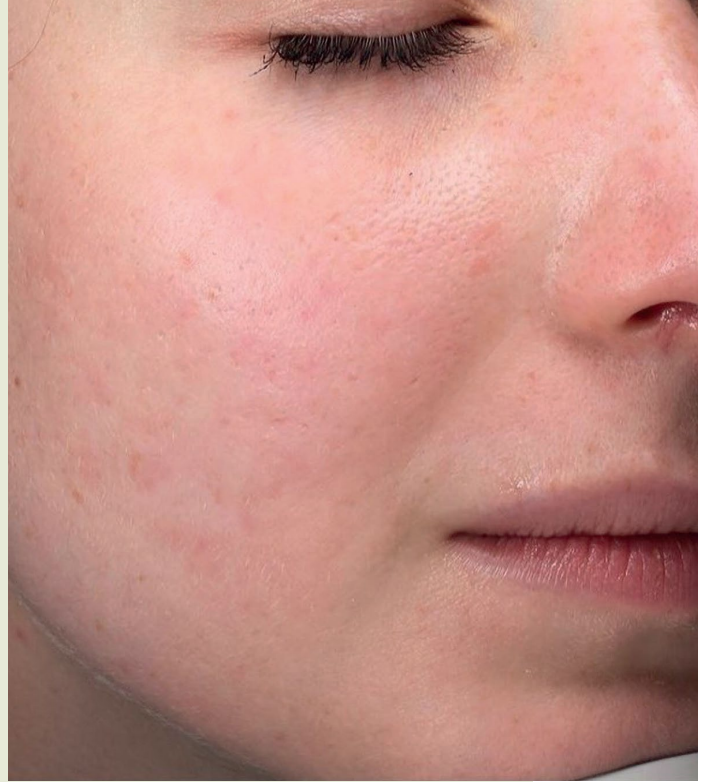
Prof. Syed Haq



# Cases

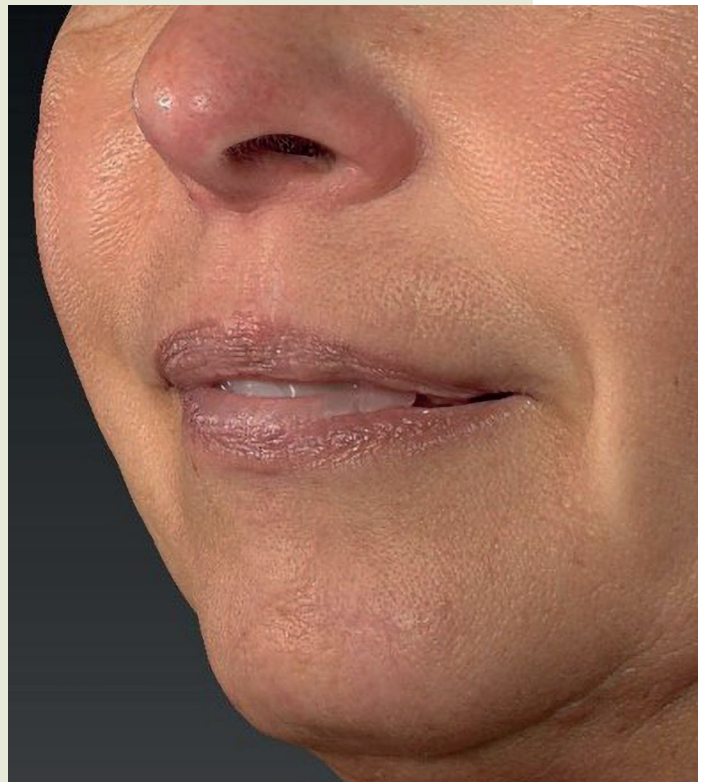
## BEFORE

## AFTER



**Female, 26 years old: 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 dept (layer): Intradermal | Amount/Injection: 1.0-0.3 ml | Result after 8 weeks

Image courtesy of Dr. Alexandra Ogilvie



**Female, 51 years old: 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 dept (layer): Intradermal | Amount/Injection: 1.0-0.3 ml

Image courtesy of Dr. Alexandra Ogilvie

*“The 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



# Skin Enhancement Technique (SET) as an added value

The PolyPhil Skin Enhancement Technique (SET) is the setting treatment enabling **natural restoration for optimal skin** conditions and therefore, enhancing other aesthetic procedures. Intradermal infiltration with polynucleotides can help restore **elasticity, hydration** and **trophism of the skin**, with high levels of patient and physician satisfaction.<sup>4,5</sup>

SET has an important role for the **SKIN QUALITY**, restoring radiance and youthfulness, promoting regeneration and reducing fine lines and laxity.<sup>4</sup>



PolyPhil gels are highly biocompatible with a very low risk of adverse effects.<sup>4</sup>

91%

Clinical improvement in the reduction of superficial fine lines and skin quality.<sup>6</sup>



PolyPhil helps improve skin structure and overall elasticity; by re-activating the “foundations” of dermal tissues, PolyPhil can improve the outcomes of other skin rejuvenation techniques.<sup>4</sup>







**croma**

PolyPhil

Injectable Polynucleotides

Sole Distributor:

**REDO**  
M A R K E T I N G  
Your Aesthetic Business Solutions Provider

22A, Jalan 22/5, Seksyen 22, Shah Alam,  
40300 Selangor Darul Ehsan.

**Tel : +603-5103 6651**

Email : [sales@redo.com.my](mailto:sales@redo.com.my)

Website : [www.redo.com.my](http://www.redo.com.my)

All right reserved by **Redo Marketing Sdn Bhd**