

FUTURE OF SKIN

Non-Invasive Treatments for
Ageless Beauty





ABOUT ME

GMC Qualified 2009

Fellow of the Royal Society of Medicine

Member of the British College of
Aesthetic Medicine

Intensive Care Doctor

AESTHETIC AND REGENERATIVE MEDICINE

Definition

- non-surgical procedures
- improve appearance
- treat overall wellbeing of the patient
- replacing tissues by stimulating own body's repair mechanisms

Traditional Modalities

- Toxins
- Fillers
- Topicals



Repair

Support the production of intracellular matrix; which is then replaced by normal, efficient tissue

Support

Stimulate fibroblasts which secrete collagen and contributes to the production of connective tissue

Hydrate

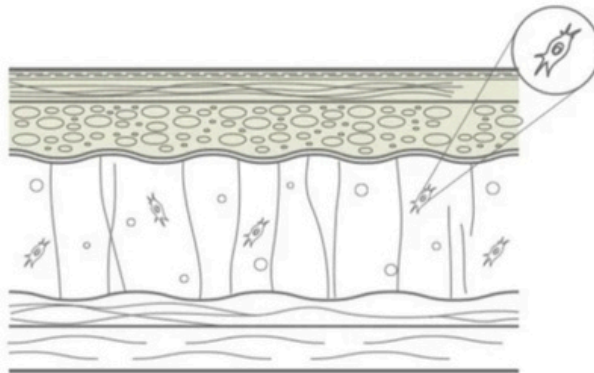
Increased dermis hydration via hydrophilic nature of the mole



POLYNUCLEOTIDES

Fractionated ultrapurified parts of DNA from salmon and trout

Mode of action:



- promotes hydration¹
- promotes free radical scavenging⁶
- increases viability & number of fibroblasts²
- increases collagen synthesis²

APPLICATIONS



Intense Repair

1. Face, neck, décolletage
2. Under-eye dark circles and crepeyness



Inflammation

1. Anti-inflammatory
2. atrophic scar revision



Hair Loss

1. Androgenetic hair loss
2. Thinning

Protection

- free radical scavenging
- improved cellular signalling
- inhibits hyperpigmentation

Elasticity

- affects gene of elastase inhibitor
- promotes tissue flexibility

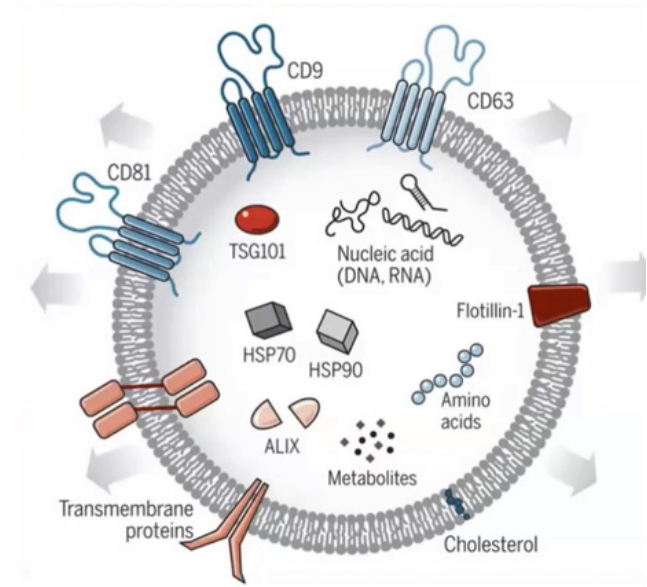
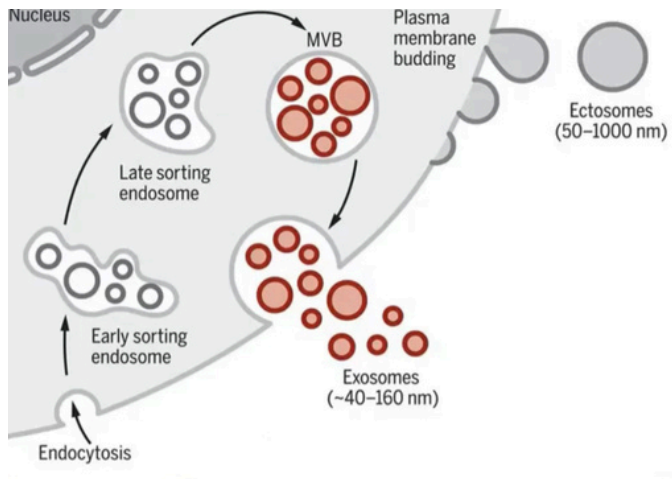
Hydrate

- promotes new blood vessel formation
- synergy with HA, peptides, and growth factors



EXOSOMES

Extracellular vesicle
Complex bilipid structure



APPLICATIONS



Restructure

1. Defined contour and firmer skin
2. More even tone



Repair

1. Mediates Intercellular communication
2. Amplifies cellular performance



Renourish

1. More efficient delivery of nourishing ingredients
2. amplifies regeneration

BEST TREATMENT FOR YOU

1. Mode of Delivery
2. Area of Interest
3. Reactivity to components

About Polynucleotide Injections

Polynucleotide (PN) injections are an innovative approach in skin revitalization, utilizing fragments of DNA that are biocompatible and derived from natural sources. These injections offer unique regenerative benefits for the skin, making them a powerful option in aesthetic medicine.

Polynucleotides stimulate collagen synthesis and enhance tissue regeneration, resulting in comprehensive skin rejuvenation.^{1,2}

Unlock innovation with PolyPhil™

1 PolyPhil™

PN-sPT™ 40mg/2ml, 1 syringe x 2ml, 2 x 300 x 1.3mm
Suggested applications: Young skin - face, neck, décolletage, hands, scars, acne scarring
Depth of injections: intradermal
Injection technique: Microdroplet, linear or fan technique (needle)

2 PolyPhil™ eye

PN-sPT™ 15mg/2ml, 1 syringe x 2ml, 2 x 300 x 1.3mm
Suggested applications: Eye contour, eyelids
Depth of injections: intradermal
Injection technique: Microdroplet, linear or fan technique (needle)

3 PolyPhil™ hair

PN-sPT™ 15mg/2ml, 1 syringe x 2ml, 2 x 300 x 1.3mm
Suggested applications: Hair, eyebrows
Depth of injections: intradermal
Injection technique: Microdroplet or linear technique (needle)

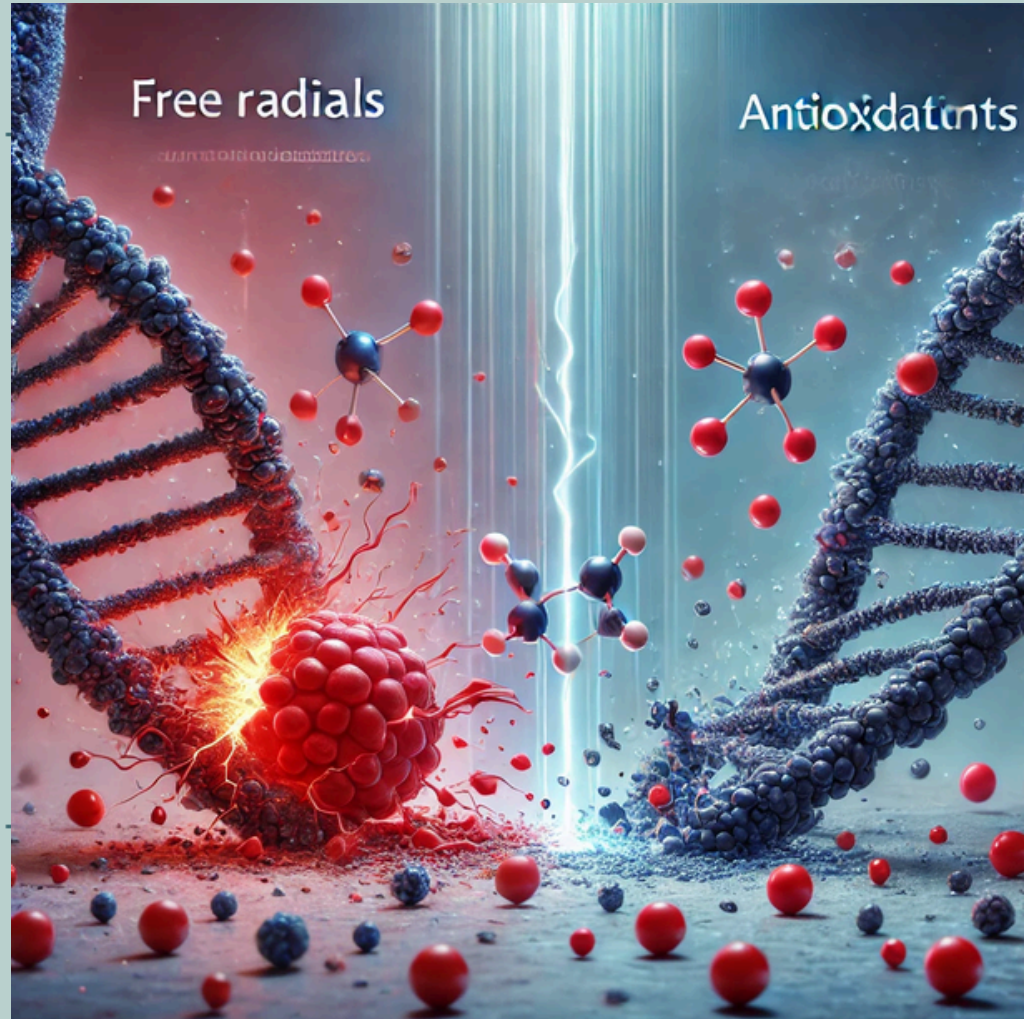
4 PolyPhil™ next

PN-sPT™ 20mg/2ml hyaluronic acid 20-mg/2ml, 1 syringe x 2ml, 2 x 300 x 1.3mm
Suggested applications: Hydration and dehydrated skin, neck, décolletage, hands, scars, acne scars
Depth of injections: intradermal
Injection technique: Microdroplet, linear or fan technique (needle)



Key Herbal Actions for Skin Health

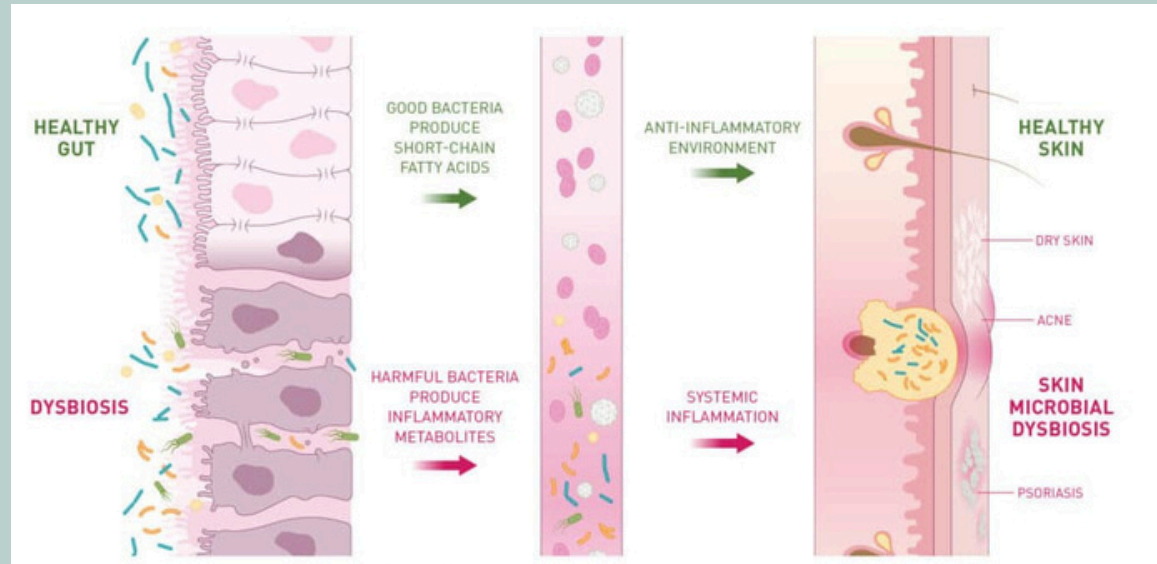
Antioxidant / anti-ageing
Immunomodulatory
Anti-inflammatory
Antimicrobial
Hormone balancers
Toxin elimination/circulation
Blood sugar regulation
Skin elasticity/Collagen production
Wound Healing



Skin Health = Gut Health

5R Gut Reset Protocol

Remove
Replace
Reinoculate
Repair
Rebalance



Burdock

Other names: Arctium Lappa, 'poor men's medicine', gobo, inspiration for Velcro

Part used: root, seed, leaf

Actions: rich in antioxidants such as quercetin, rutin, anti-inflammatory, antimicrobial, detoxifying, bitter, hypoglycaemic, enhances digestion and liver function, improves action of sebaceous glands (acne), promotes urination, stimulates lymphatic function, blood purifier



Barberry

Other names: Berberis Vulgaris

Part used: root, berry, bark

Actions: gut antimicrobial, cholagogue, cholaretic, anti-inflammatory, anti-parasitic, bitter, antioxidant, lowers blood sugar, helps reduce cholesterol, used for psoriasis, eczema, increases levels of collagen and hyaluronic acid



Marshmallow

Other names: Althea officinalis, altho 'heal', 'warrior herb', Gladiators herb

Part used: root, leaf, flower

Actions: vit A,C, B, Fe, Mg, Ca, pectin, mucilaginous, antiseptic, expectorant, demulcent, emollient, vulnerary, anti-inflammatory, used for ulcers, gastritis, ulcerative, colitis, leaky gut, prebiotic, soothes cough, relieves cystitis, topically for burns, insect bites, bee stings, acne, eczema, boils, abscesses, dry skin



Slippery Elm

Other names: Ulmus fulva

Part used: inner bark

Actions: demulcent, emollient, anti-inflammatory, used for acid reflux, ulcers, gastritis, IBS, diverticulitis, laxative for constipation, relieves dry cough, bronchitis, topically for boils, abscesses, varicose ulcers, pain, wounds



Goji Berries

Other names: Lycium barbarum

Part used: berry

Actions and therapeutic uses: antioxidant, rich in vitamin C, zeaxanthin, and carotenoids immunomodulatory, blood sugar regulation, supports eye health, protect against age-related eye conditions (macular degeneration, glaucoma), may help lower heart disease risk by decreasing triglycerides and increasing HDL cholesterol.



Gotu Kola

Other names: Centella Asiatica, 'fountain of life' in Ayurvedic medicine

Part used: leaf

Actions: tissue healer, nerve tonic, alterative, hair tonic, anxiolytic, antibacterial

Therapeutic uses: stimulates collagen production, enhances scar and wound healing, clears acne and ulcers, improves memory and concentration, calms stress, recommended for ADHD, prevention of Alzheimer's, enhances production of superoxide dismutase



Schisandra

Other names: Schisandra chinensis, five-flavour berry

Part used: berry

Actions and therapeutic uses: antioxidant, adaptogen, enhance the body's resilience to physical, environmental, and emotional stressors, hepatoprotective, liver phase 1 and 2 detox, anti-inflammatory, menopausal symptom relief, Schisandra's bioactive compounds are also moisturizing, toning, soothing irritation, and promoting wound healing.

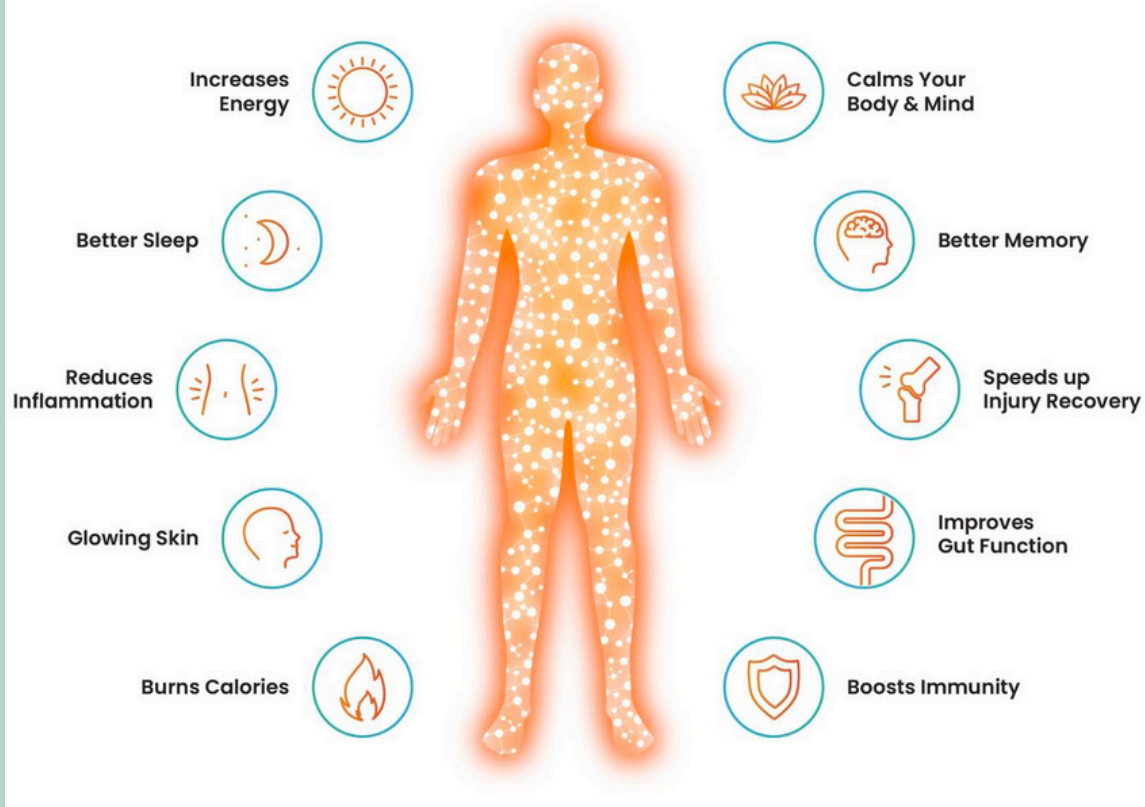


Infrared Light for Skin Health

- More ATP → Better cell replication, DNA repair, and anti-aging effects
- Boosts SOD (Superoxide Dismutase), Catalase, & Glutathione
- Indirectly increases NAD⁺ a key coenzyme that fuels sirtuins (SIRT1, SIRT3) and PARP enzymes, which repair oxidative damage
- Stimulates mitophagy, a process where damaged mitochondria are removed and replaced with healthier ones.
- may support the body's natural detoxification mechanisms



The Benefits of Infrared Light Therapy



The Cocoon FIR Go System The Blanket NIR



Hydrogen Water

Powerful Antioxidant – Fights free radicals & slows aging

Boosts Energy – Natural cellular fuel

Supports Brain Function – Sharper focus & mental clarity

Aids Muscle Recovery – Perfect for post-workout

Reduces Inflammation, improves circulation & overall wellness





THANK YOU



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