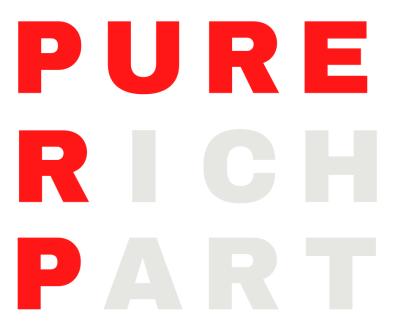
PRP & PRF

Face & Hair

Rejuvenation

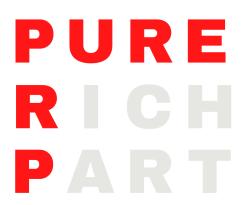
Advanced Module



**March 2025** 

#### Who are we:

- \* In UK and Ireland since 2016
- \* Over 20 years of combines experience on PRP
- \* The only UK manufacturer registered with MHRA with Article 12 UK / EU regulations
- \* Comprehensive and cost effective PRP Kit
- \* Well recognised brand with presence in UK and Ireland
- \* Lifetime support
- \* Marketing support
- \* 5-star Google Reviews













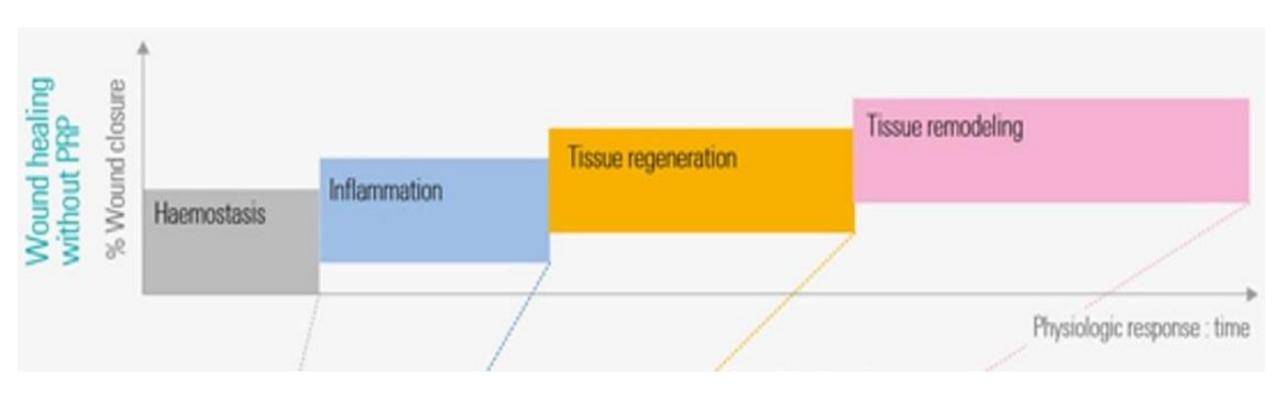








### Healing cascade



# PRP –Platelets Rich Plasma Wide Range of Applications

#### **CLINICAL:**

- Sports medicine
- Traumatology
- Plasma treatments Covid 19
- Ophthalmic
- Wound healing diabetic foot
- Dentistry- sinus lift
- Tooth implants

#### **AESTHETIC:**

- Skin rejuvenation
- Hair restoration
- Post laser
- Acne & Rosacea
- Acne scars
- Tissue Volumisation alternative of HA fillers
- Aesthetic gynecology /urology

### **Current Injection Options**

Correction

**Dermal fillers/Botox** 

• FILLERS

Mechanical volume correction

- Botulinum toxins leads to Muscular relaxation
- Short term effect

**Therapy** 

Collagen Induction therapy - microneedling

- Biological Cellular action
- Therapy and prevention
- Progressive global action to all tissue
- Long term- enhancement of appearance

### PRP mechanism of action

- Tissue trauma
- Hemostasis Platelets + Leucocytes form 3D mesh → release of GF
- Chemo attraction and migration of macrophages and stem cells into area of trauma
- Stem cells proliferate by mitosis
- Stem cells undergo differentiation process into the specific tissues that were originally injured.

### Role of GF

### PLATELET—



PDGF
Platelet Derived
Growth Factor

Cell Growth, new generation and repair of blood vessels, collagen production



VEGF
Vascular Endothelial
Growth Factor

Growth and new generation of vascular endothelial cells



FGF
Fibroblast
Growth Factor

Tissue repair, cell growth, collagen production, hyaluronic acid production



EGF
Epithelial
Growth Factor

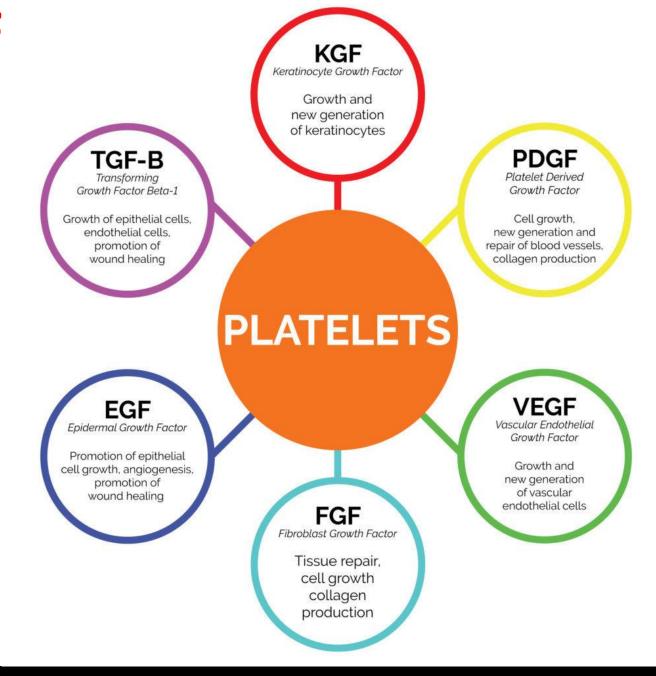
Promotion of epithelial cell growth, angiogenesis, promotion of wound healing



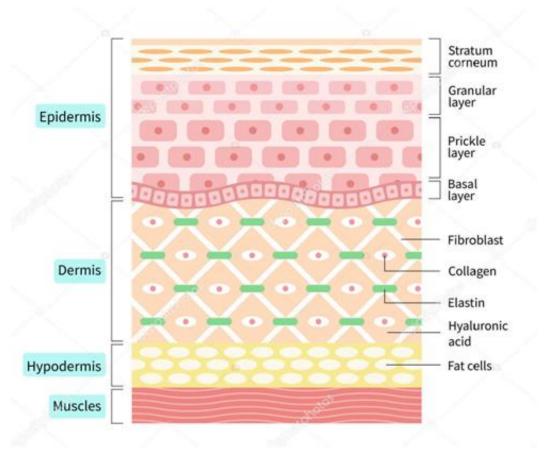
TGF-B Transforming Growth Factor

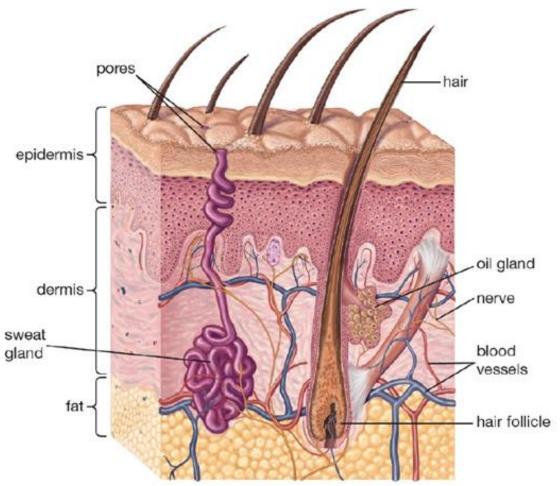
Growth and neogenesis of epithelial cells and vascular endothelial cells, promotion of wound healing

### Role of GF



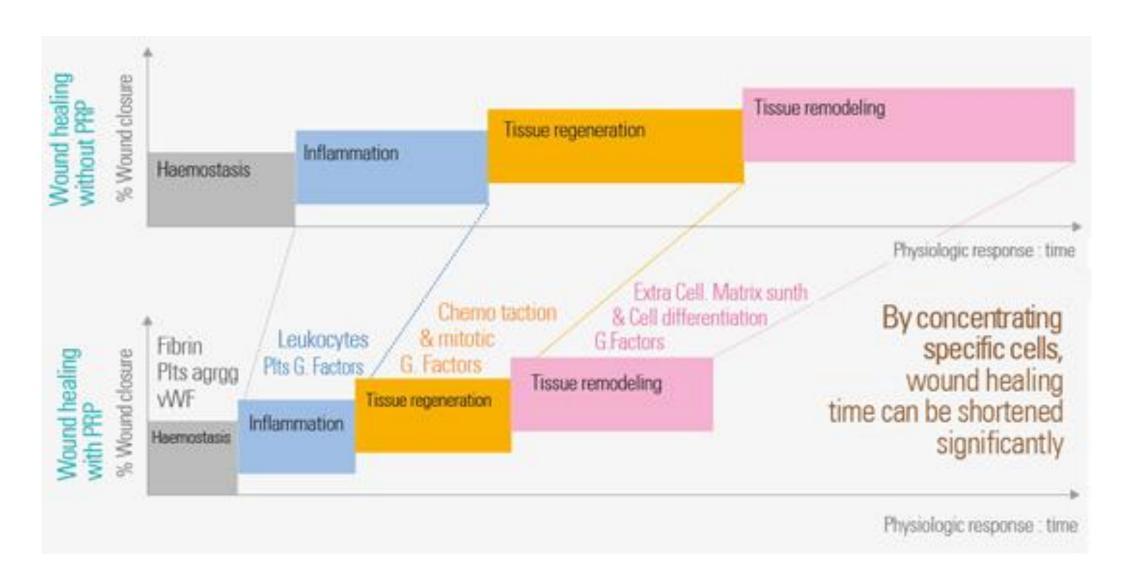
### Skin Anatomy:



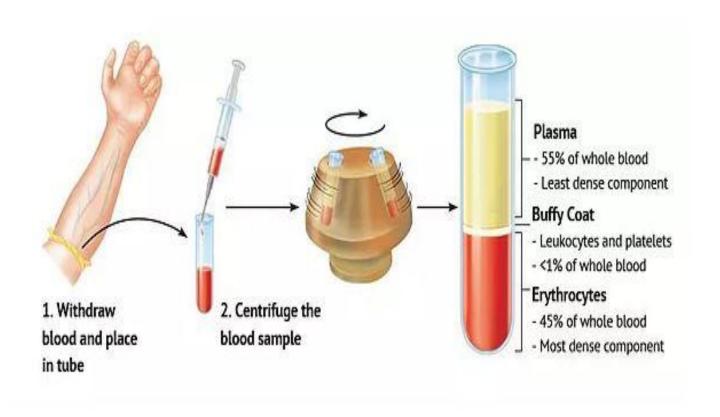


© 2013 Encyclopædia Britannica, Inc.

### PRP accelerates of healing cascade



### **Process of PRP Therapy**



### PRP –Where works?

- Skin rejuvenation- facial resurfacing
- ✓ application- injection alone
- ✓ Micro needling
- ✓ Combination with HA, peeling
- √ Hair restoration
- ✓ Multiple protocols with positive results
- ✓ Improvement of AGA hair loss

### Benefits of PRP

- Autologous own blood, GF-natural substances
- Free from disease transmission and no hypersensitivity
- Enhances wound healing regulate mitosis, proliferation & differentiation
- Augment tissue Fibrin collagen& elastin, HA
- Angiogenesis leads to improved tissue oxygenation and nutrition flow
- Adipocyte and Keratinocyte Generation( fat and skin rejuvenation)

## PRP and PRF kits Strict European manufacturing procedures

CE mark – medical device class II

**Patented European producer** 

One spin preparation

Easy to perform

Safe: ONE step close system

Pure AUTOLOGOUS - No additives, activators or GEL

**Individually sterile tubes** 

**COST EFFECTIVE - 6 X 10ml tubes with accessories** 

Full range of tubes (PRP & PRF)

£100





#### **PRP PURE Tubes**

- Single spin
- Anticoagulant Sodium citrate
- 95% PLT harvesting
- No additives for PTL activation
- Activation Tissue coagulation proteins
- Stem cells bio stimulation

### PRP PURE Centrifuge

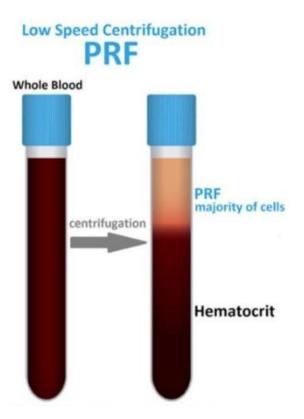


- European model
- FDA Approved, CE marked, UKCA
- Desktop model, designed for small batch application, 4.5kg
- Capacity 6 nests
- Speed range 300 4500 RPM
- Timer from 30sec to 99min run
- Brushless DC motor
- Gentle acceleration and gentle braking
- 3 years WARRANTY
- £550

### PRF – Platelets Rich Fibrin Matrix

- Lower platelets concentration, lower in volume, includes proteins and plasma
- Fibrin is included and develops a matrix which binds Platelets and GF
- Acts as natural clot with lower level of GF" time released " over a longer period
- Give more stricture to the tissue

• PRF KIT – 4 X 10ml tubes - £40 per set + accessories





#### **PRF**



- PLT + WBC **fibrin clot**
- complex fibrin matrix
- Fibrin clot containing the majority of the platelets and white blood cells
- Accelerate the healing of soft and hard tissue
- Tissue-engineering scaffold

#### Indications:

#### Dentistry:

oral surgery, implants, bone grafting, periodontal, surgery, extractions

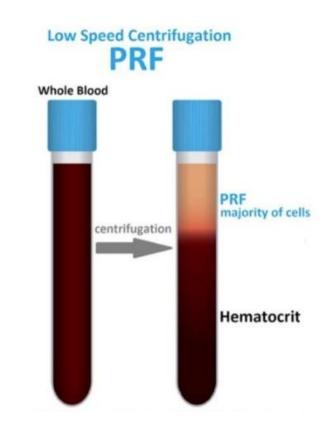
#### **Aesthetics:**

Topical + Microneedling

### PRF – Platelets Rich Fibrin / IPRF

### Pros

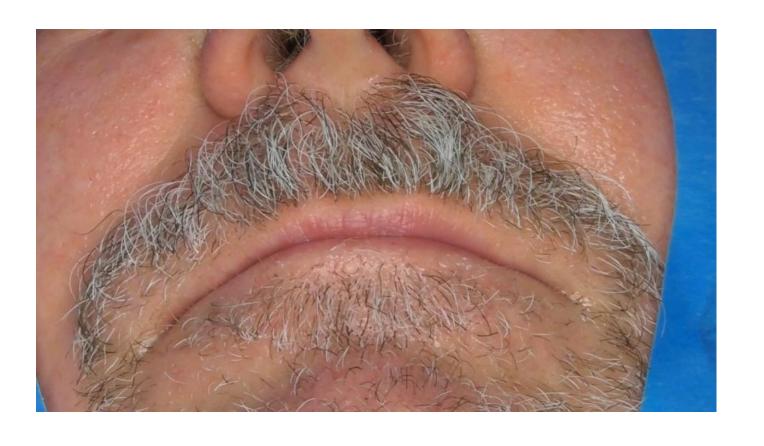
- Autologous
- Slower GF release
- Forms a scaffold
- Benefits Dental work
- Benefits Microneedling

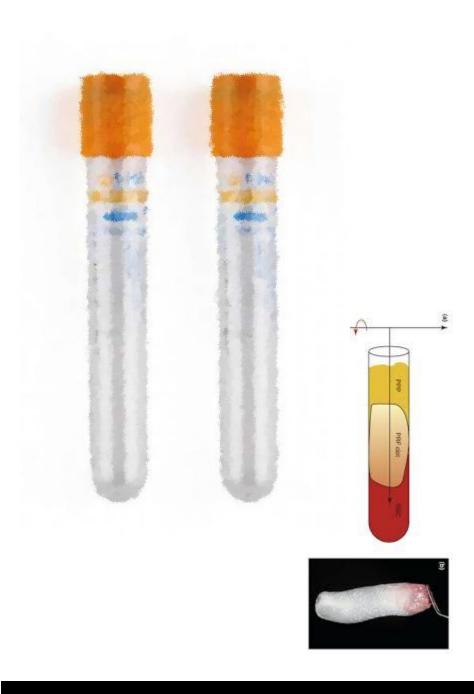


#### Cons

- Low in volume
- Clots quickly, fast work needed
- More expensive than PRP
- Massive Inflammatory reaction
- Doesn't last long
- Potential Risk of thrombosis if used incorrectly

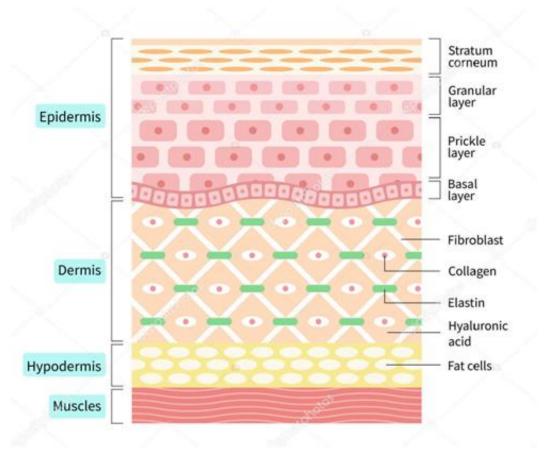


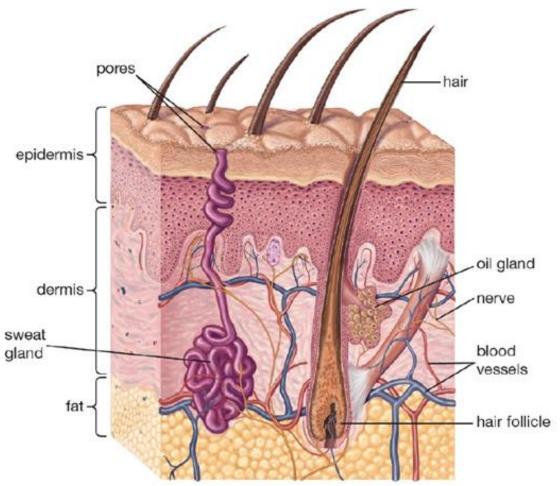






### Skin Anatomy:

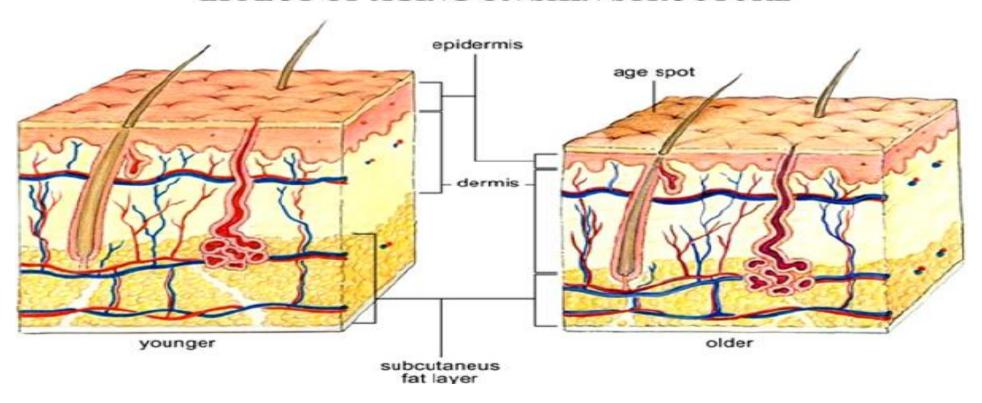




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### Age related skin structure deformation

#### EFFECT OF AGING ON SKIN STRUCTURE



### Skin Protocol

#### **TREATENT PROTOCOL: 3 SESSIONS**

Maintenance Protocol – 1x 12/mo



#### IN ONE PROCEDURE

face, neck and décolleté

disinfect with an aqueous solution

inject **PRP** – papulae and nappage OR USE ROLLER

#### **BENEFITS**

- -TIRED ,PHOTO DAMAGED SKIN
- IMPROVE HYDRATATION,
- DARK SPOTS AND CAPILIARS
- -RADIANCE
- LIFTING

# Face and skin rejuvenation

With stem cell therapy



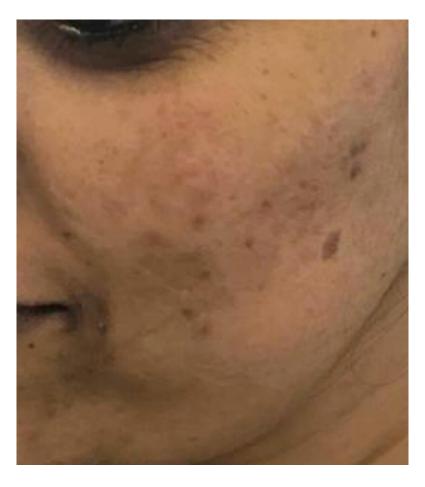
### EXELLENT NATURAL RESULTS





### EXELLENT NATURAL RESULTS

#### Acne scar





PRP treatment - 1 session



























## **EXELLENT NATURAL RESULTS HAND REJUVENATION**



## **SLAPPY ENDING**

Baldness cure on the way after scientists use stem cells to grow 'unlimited' hair

## seen in National Press, June 2019

MILLIONS of slapheads could be cured of baldness after scientists used stem cells to develop a way of making "unlimited" hair.

Replacement locks could be grown from a person's blood sample. One researcher told a summit: "This is a critical breakthrough."



UK hair loss expert David Fenton said: "This research is very interesting."

Currently only two drugs, minoxidil and finasteride, are available to treat the condition.





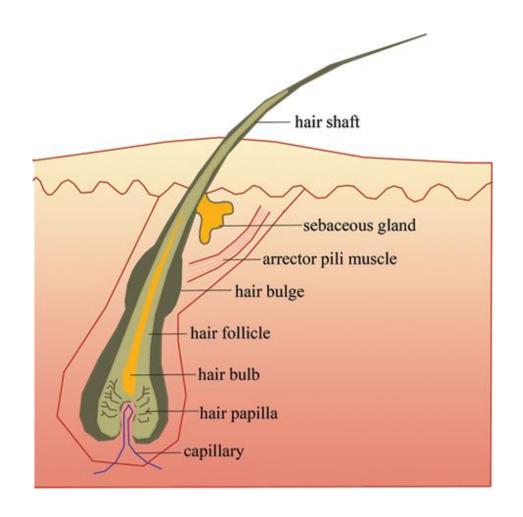


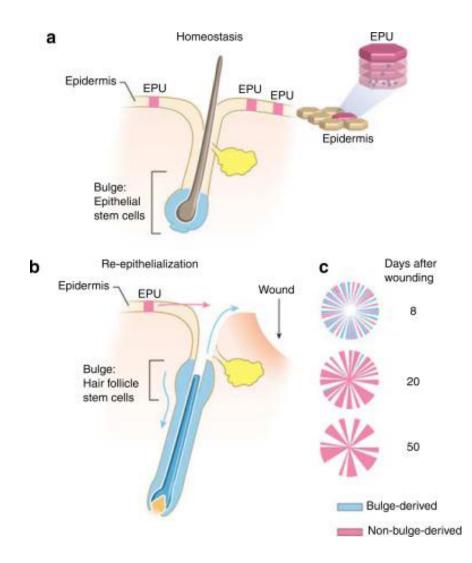


## Stem Cells + PRP

- Concentration of Stem Cells, examples
- Bone Marrow
- Fatty tissues
- Hair Follicle

## Hair anatomy





## Role of GF

## PLATELET—



PDGF
Platelet Derived
Growth Factor

Cell Growth, new generation and repair of blood vessels, collagen production



VEGF
Vascular Endothelial
Growth Factor

Growth and new generation of vascular endothelial cells



FGF
Fibroblast
Growth Factor

Tissue repair, cell growth, collagen production, hyaluronic acid production



EGF
Epithelial
Growth Factor

Promotion of epithelial cell growth, angiogenesis, promotion of wound healing



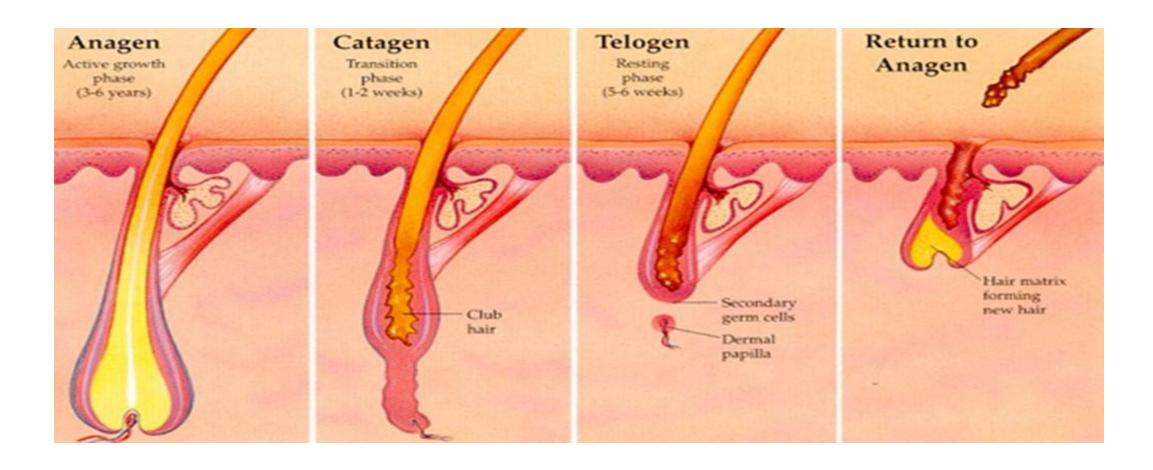
TGF-B Transforming Growth Factor

Growth and neogenesis of epithelial cells and vascular endothelial cells, promotion of wound healing

# Hair Restoration Hope Guardian 07/2022



## Hair cycle



## Alopecia types

#### Androgenetic Alopecia (Pattern Hair Loss)

Male pattern hair loss and female pattern hair loss. Hairs falls out in a well-defined pattern in men, whereas in women, the hair usually becomes thinner all over the head rather than receding from the temples.

#### Frontal Fibrosing Alopecia (Scarring Alopecia)

Frontal Fibrosing Alopecia (FFA) is a type of Scarring Alopecia, where the hair follicle is destroyed and replaced with scar tissue. In Frontal Fibrosing Alopecia, hair falls out across the front of the scalp. Hair loss can also affect the eyebrows.

#### • Chemotherapy Induced Alopecia (Anagen Effluvium)

Chemotherapy-Induced Alopecia (CIA) is when the hair falls out following chemotherapy. It is one of the most visibly distressing side effects of commonly administered chemotherapeutic drugs.

#### Telogen Effluvium

With Telogen Effluvium more hairs than usual move into the telogen (resting) phase and shed, so you may notice more hair falling out than usual. Telogen Effluvium is often caused by a physical or psychological trigger and often resolves itself spontaneously.

#### Alopecia Areata

Alopecia Areata is thought to be an autoimmune condition that causes hair to fall out, usually in usually in round or oval patches on the scalp or other places on the body that grow hair, such as the beard, eyebrows or eyelashes. Types of Alopecia Areata include Patchy Alopecia Areata, Alopecia Totalis, Alopecia Universalis, Alopecia Barbae, Diffuse Alopecia Areata and Alopecia Ophiasis.

#### Traction Alopecia (hair loss)

Traction Alopecia is when hair falls out because it has been pulled in the same way for a long time. This condition is often caused by tight hairstyles, relaxers or extensions.

## Treatment protocol: Alopecia

3 sessions 3 sessions Top up YERLY

1 session every 4 wks

1 session every 12 wks

1 -2 session every 8-12 months

MESURE THE HAIR GROWTH / EVERY 2-3 MONTHS

#### **ONE SESSION**

#### PRP

Might be combined with

- -Bepanten
- -Biotine
- -minoxidile
- -LED

#### **BENEFITS**

- REVITALIZATION OF HAIR FOLICUL
- STIMULATE MICROCIRCULATION

Hair restoration





## Hair regrow





## Hair regrow





## Hair regrow



#### CONTRA INDICATION FOR PRP THERAPY

- Active inflammation process
- Low platelets number
- Coagulation factors deficiency
- Anti coagulation therapy
- Carcinomas -5 years diseases free
- Autoimmune diseases
- Pregnancy
- Hyper cholesterolemia



## PRP Pure has partnered with Pabau

The Clinic Management Software trusted by over 2000 clinics worldwide to run their entire business from one easy-to-use system.



#### **Key Features**



Paperless Medical Forms



Payments & Accounting



Online Bookings



Before and After Photos



**Automatic Reminders** 



No Show Protection



As part of our partnership with Pabau, our PRP consent form and aftercare information are digitally available within the system, ready to be used in your clinic.

Need to reorder your PRP Pure Kit? Use the stock management feature and seamlessly place an order when the stock goes low.



## Scan the code and enjoy this offer available exclusively through our partnership

Enjoy free use of the software until you reach 50 clients

Or

Have more clients?

**Enjoy a 3-month free trial** 



**Limited offer**: Earn a £200 voucher to spend on live 1-to-1 training when you activate your free trial.





#### **COMPANY INTRODUCTION**

Pharma Hermetic is one of the pioneers in hair biotechnology products from Barcelona, Spain.

It's a specialty pharmaceutical company producing hair care and cosmetic products.

Pharma Hermetic was born after an extensive experience of more than 20 years in the cosmetic and pharmaceutical world, Pharma Hermetic founders decided to combine their knowledge and the acquired know-how to establish a company that focuses its activity on the hair care.

Family run business with more than 20 years bioscience and pharmacology background and history.

Presence in over 40 countries.



#### Company objetives:

Pharma Hermetic manufactures abiding pharmaceutical standards using 100% sterile, organic ingredients.

With competitor products, ingredients like seawater, or growth factors, peptides, come from biotechnological procedures, giving Pharma Hermetic the added value, differentiating us in regard to other companies within the industry.

Our products are manufactured under strict GMP standards, with EU approval, registered with the CPNC.

#### Pharma Hermetic products are:

- Dermatologically tested
- Clinically tested
- Intolerance tested



#### AS FEATURED IN

## Men's Health Daily Mail











**COSMOPOLITAN** 





Pharma Hermetic UK
Health Beauty and Wellness Awards 2021

**WINNER** 



- The Hair Recovery Program SP55 is a cosmetic topical solution designed for people suffering with hair loss that works from scalp level to support the stem cells in the follicle.
- Our products increase life length of hair stem cells and also balance scalp nutrition.
- The products also reduce inflammation of the hair follicle and provide a better supply of key ingredients for a healthy hair growth.



Inflammation to be treated for effective results in AGA

#### INFLAMMATION

- Restricts follicle growth
- Decrease oxygen and nutrient supply to AGA-prone tissues
- Leads to tissue degradation
- Speeds up hair follicle miniaturization
- Eventually AGA speeds up



# Minoxidil, and 5α reductase inhibitors



#### The drawbacks of medical choices:



Every hair loss patient is not the right candidate



Life time dedication



Re-bound effects after stopping the treatment



Side effects not always welcomed



Injectable methods are sometimes painfull

# HAIR RECOVERY PROGRAM SP55 KEY INGREDIENTS

- Chain of 8 Peptides
- 150 + amino acids
- 100% sterile, organic natural ingredients Biotin, Caffeine, Vitamins +++
- The mechanism of action of HRP SP55 ingredients is to block the DHT + increase the activity of the Telomerase in the stem cells of the hair.

#### TO:

- Control and decrease inflammation
- Activating anti- oxidant activity
- Remove free radicals
- Relax blood vessels for more oxygen and nutrients
- Shorten the delayed growth of hair follicles



#### **How Do Peptides Work for Hair Growth?**

Peptides are involved in many physiological processes. Their acceptance as natural molecules, relatively high stability and well-defined actions have made them attractive for many skin and hair related indications, most notably in anti-aging and anti-hair loss therapy.

Peptides of course occur in every cell in the human body, have links to every organ, including those responsible for the hair growth cycle, especially the hair follicles. The follicles need protein to produce hair. Without the presence of adequate protein in the body, it will be difficult to achieve a balanced hair growth cycle.

Peptides, being "smaller proteins," when applied, cause changes in cell behavior, stimulate follicle growth, and promote natural hair production and sometimes improvement of hair color.



The biological activity of HRP key ingredients have been analyzed in depth. HRP SP55 ingredients prevent telomerase inhibition mediated by different chemotherapeutic agents and decreases oxidative stress protecting cells from DNA damage and delaying the induction of cellular senescence.

These findings support the certainty that the treatment with HRP SP55 ingredients could prolong the lifespan of cells in hair and skin.



#### HAIR RECOVERY PROGRAM SP55



Increases the TELOMORASE activity



Enhances the growth of new hair



Activates dormant follicles



Repairs the weakened and brittle hair



Thickens and strengthens the existing hair



Blocks DHT formation



#### HAIR RECOVERY PROFFESIONAL LINE





- Suitable for home / professional use
- Once every 4 10 days
- Topical application / roller
- Home / salon / clinic treatment



#### Vials (5ml)

- Suitable for clinic use
- Ideally once every 10 days
- Topical application
- At least half vial every 7-10 days applied with roller



# HAIR RECOVERY HOME USE





#### Hair Mask (250ml)

- For dry and damaged hair
- Home Treatment
- Improves hair quality
- HA + Natural Butters & Oils



#### Hermetic Shampoo (200ml)

- Support the treatment
- Natural DHT blockers
- Home Treatment
- Improve hair quality
- Strengthen hair condition



#### Hermetic Lotion (50 ml)

- Daily use
- Complements vials & Amps
- Home treatment





#### Our experience:

HRP SP55 topical solution helped our patients to

- Reduce scalp inflammation
- Boost better quality hair growth
- Stimulate hair production
- Thicken the existing hair
- No side effect
- No rebound effect



## REAL CASES – Thricoscope 8 weeks treatment



























#### **Product Prices**



- HRP Vials 5 X 5ml
- £75 cost
- 5-10 Treatments
- £80-120 per treatment



- Derma Roller
- £5 cost
- Single use



- Pharma Hermetic Shampoo
- £26 cost
- RRP £44



- Scalp Analyser
- £150 cost



- HRP Home Lotion
- £75 cost





- PHARMA HERMETIC

  NOURISHING HAIR MASK
  - PRINCIPAL HERMETE

    VOLUMENT HIGH MASK

    CONTROL AND MASK

    CONTROL A
- Mask
- £22 cost
- RRP £42

- HRP Ampules 10 X 2ml
- £70 cost
- RRP £199

## Support



**POSTER** 



# CLIENT LEAFLET With application protocol

- All stock images
- Description
- Before / After
- SEO words
- ETC.



# Contact details for training and further info

- Contact Pharma Hermetic
- info@pharmahermetic.co.uk
- 0208 680 2323

- Contact PRP PURE
- info@prppure.com
- 0208 680 2323