




PN CELL

WHITENING

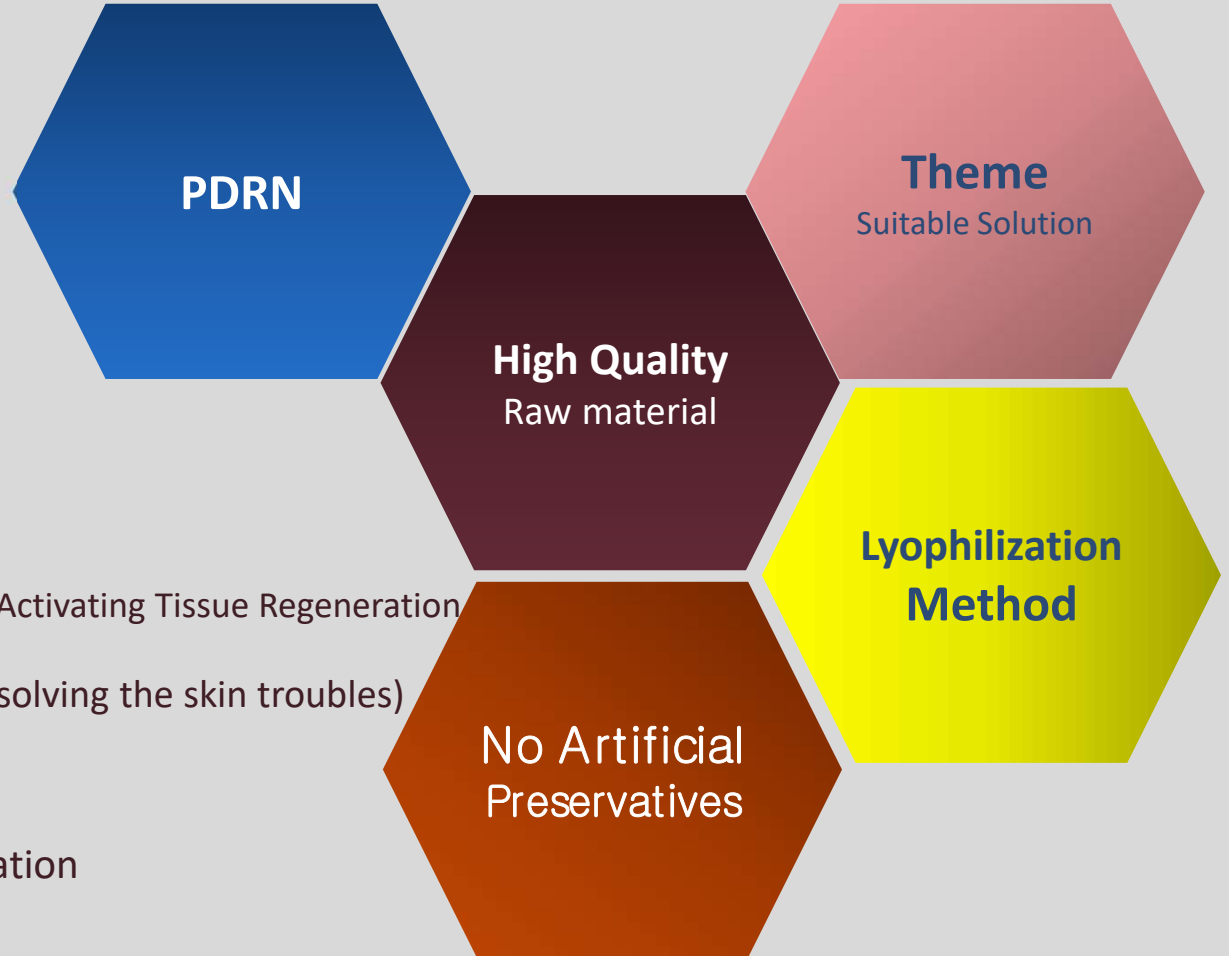
PDRN - Tissue regeneration active ingredient,
and various active ingredients are selected.
Freeze & dried at below -40°C without preservative
Prevented strictly to exposure from bacteria and alteration
By preserving the efficacy of the ingredients for skin activity.

It is designed for solving skin trouble and the problems of the skin in a short time.
It is a unique solution manufactured by BR Pharm.



Skin barrier Enhancement Solution
PDRN BASIC LINE

Product Specification



- ✓ Contain **PDRN (polydeoxyribonucleotide)**: Activating Tissue Regeneration
- ✓ Contain high efficacy & quality ingredients(solving the skin troubles)
- ✓ The Best Solution with 5 Themes
- ✓ Increase Efficacy of contents with Lyophilization
- ✓ No add Artificial Preservatives

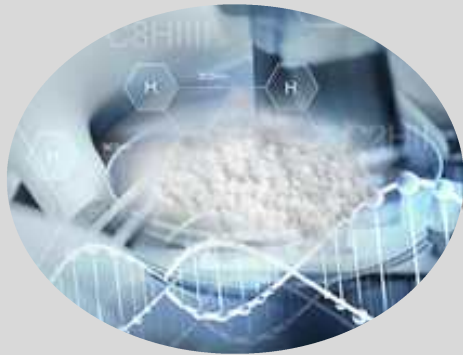


Product Specification

1. No preservatives - No irritation skin.
2. Freeze & Dried formulations make all ingredients keep fresh more effective
(including all small amount of ingredients)
3. Long term storage without going bad of ingredient
4. Contains PDRN ingredient extracted from BR Pharm's fish farm
5. Available combination treatment with Vitamin C
6. Each Freeze-Dried solution and combination available
7. No need to purchase Saline water Separately

Product Specification

Good base



PDRN+Selected Raw materials



Suitable Solution of diverse 5 Themes



Lyophilization ampule Series
0.5gx5vials

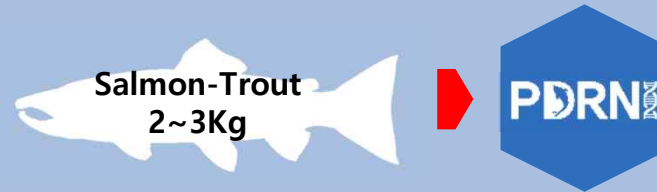


BR Pharm's "Lyophilization System"

Product Specification

Main raw materials BR Pharm “PDRN(PolyDeoxyRiboNucleotide)

PDRN^{BR} BR Salmon -Trout Using Safety and Trust raw material of PDRN
It gains through BR Pharm’s own fish farm



Fishery products record registration
environment-friendly Salmon-Trout

PDRN^{BR} PDRN Extraction Process

BRPHARM adopts environment friendly and safety process
Unique PDRN extraction Technology. Extract low molecular PDRN
from Salmon-trout sperm



Product Specification

Main raw materials BR Pharm “PDRN(PolyDeoxyRiboNucleotide)”

What is PDRN?

PDRN is from Salmon-Trout sperm.

By Using our own extraction technology, it is low-molecular weight DNA complexes produced by fractionated DNA polymer for its application to suitable size in order to work pharmacological action.



Various growth factors activation

EGF, VEGF, FGF, and activate other growth factors, regenerate damaged tissue.



Anti inflammation

Anti inflammation effects by selectively binds to the A2A receptor.



Rapid DNA synthesis

Though Salvage pathway, it leads to rapid DNA synthesis and tissue regeneration with little energy.

Product specification

- Productivity through automated systems-

Through international certification high tech production facilities systems
Improved product's superiority suitable for perfect solution by Freeze-dried at below - 40°C





제 142 호

우수화장품 제조 및 품질관리기준 적합업소 증명서

1. 업소명 [Redacted]

2. 대표자 김석 [Redacted]

3. 소재지 강원도 원주시 지정면 신항로 13, 1층 [시험실] 강원도 원주시 지정면 신항로

4. 신청분류 전 공정

위의 화장품 제조업소는 「우수화장품 제조 및 품질관리기준」 제30조에 따라 우수화장품 제조 및 품질관리기준 적합업소로 인정되었습니다.

2017년 12월 6일

식품의약품안전처장

인정번호 (No.) : KTC-AM-160000

의료기기 제조 및 품질관리 기준 적합인정서 (Certificate of GMP)

1. 신청자 / 허가번호 (Company name of Applicant / License No.)
 (사)비엘비 / 제 142 호
 BRPHARM CO., LTD

2. 대표자 (Representative)
 서용환 (Pyoung Soon, Seo)

3. 영업소명 (Company address of Applicant)
 강원도 원주시 지정면 신항로 200, 1층 [시험실, 의료기기품질시험센터]
 807, 200, Gyeongwae-ro, Jirong-myeon, Wonju-si, Gangwon-do, 26354, Rep. of KOREA

4. 제조소명 (Name of Manufacturer)
 (사)비엘비
 BRPHARM CO., LTD

5. 주소 (Address of Manufacturer)
 강원도 원주시 지정면 신항로 200, 1층 [시험실, 의료기기품질시험센터]
 807, 200, Gyeongwae-ro, Jirong-myeon, Wonju-si, Gangwon-do, 26354, Rep. of KOREA

6. 품목명 (Category)
 의료기기 제조 및 품질관리기준에 적합함을 인정함. LLC
 (We hereby certify that the above manufacturer complies with Korea Good Manufacturing Practices (GMP) for the product(s) listed above)

발행일자 (Date of Issue) : 2016. 02. 04
 유효기간 (Date of Expiration) : 2019. 02. 03

서울지방식품의약품안전청
 SEKOL JI-GYM-4 OFFICE OF FOOD AND DRUG SAFETY

한국기계전기전자시험연구원
 Korea Testing Certification

CERTIFICATE

No. 820083

This is to certify that the Quality Management System of Medical Devices of

BRPHARM CO., LTD. (applicant no. 200, Jirong-myeon, Wonju-si, Gangwon-do Korea)

has been assessed and found to be in compliance with the standard

EN ISO 13485:2012

applicable to

Development, Manufacture of Hyaluronic Acid Gel

EN Code: 13

This certificate has been issued under No. 820083 for the registration period from 14th December 2015 to 12th December 2016.

Approved by [Signatures]

Printed by [Signature]

www.llc.net

CERTIFICATE

No. 820219

This is to certify that the Good Manufacturing Practices (GMP) of

BRPHARM CO., LTD. (applicant no. 200, Jirong-myeon, Wonju-si, Gangwon-do Korea)

has been assessed and found to be in compliance with the standard

EN ISO 22716:2007

applicable to

Manufacture of mask pack, lotions, creams and essences.

This certificate has been issued under No. 820219 for the registration period from 27th September 2015 to 4th September 2016.

Approved by [Signatures]

Printed by [Signature]

www.llc.net

의료기기 제조업 허가증

제 호

업소명 : [Redacted]

소재지 : 강원 원주시 지정면 기업도시로 200, 807호 (가곡의 의료기기 종합지원센터)

대표자 : 서용환

생년월일 : 1954년 01월 17일

허가조건 : 없음

의료기기법 제6조 및 동법시행규칙 제30조의 규정에 따라 허가된 것입니다.

2014년 08월 08일

서울지방식품의약품안전청

中国卫生许可 (CFDA)

碧妍 帕恩莎 莹透精华P

N CELL White



国家食品药品监督管理总局
进口非特殊用途化妆品备案凭证

国妆备进字J20185390

碧妍:

根据《化妆品卫生监督条例》及其实施细则有关规定, 对你单位的以下产品予以备案, 备案有效期至2022年4月12日。

产品名称	中文 碧妍 帕恩莎 莹透精华 英文 Phyto Barrier PN CELL White
生产企业	中文 碧妍 英文 BR PHARM Co., Ltd.
生产国(地区)	韩国 地址 26354, 811 Medical Device Complex Center, 200 Giupdosiro, Jijeong-Myeon, Wonjoo-si Gangwon-do, Korea
在华申报责任单位	名称 上海碧妍贸易有限公司 地址 上海市闵行区吴中路1050号6幢510室
备注	

请于批件有效期届满4个月前提出延续申请

国家食品药品监督管理总局未组织对本产品卫生安全性进行技术审核, 本备案凭证不作为对产品卫生安全质量的认可。



2018年10月24日

国家食品药品监督管理总局 化妆品产品技术要求		
中文名称: 碧妍 帕恩莎 莹透精华 汉语拼音名: BI YAN PA EN SHA YING TOU JING HUA		
【配方成分】		
表1 液相		
序	原料中文名称 使用目的	
1	水 溶剂	
2	氯化钠 增稠剂	
表2 粉末		
序	原料中文名称 使用目的	
1	甘露糖醇 保湿剂	
2	DNA 钠 皮肤调理剂	
3	透明质酸钠 皮肤调理剂	
4	DNA 钾 皮肤调理剂	
5	三聚-1-醇 皮肤调理剂	
备注: 原研国家有关规定, 配方中的某些成分可以不同原料的组成表示。		
【生产工艺】		
概述: 1.称量原料与水混合, 加热至40℃, 混合20分钟 2.灌装 3.真空包装 4.检验 5.包装 液体: 1.室温, 将全部原料混合10分钟 2.搅拌, 检验 3.灌装, 包装 4.检验 5.包装 6.后包装		
【感官指标】		
粉末: 颜色: 极浅灰色; 性状: 粉末; 气味: 原料特征气味; 膏体: 颜色: 白色; 性状: 凝胶膏体; 气味: 原料特征气味。		
【卫生化学指标】		
表3 卫生化学指标		
检验项目	指标(粉末)	指标(液体)
汞	≤1 mg/kg	≤1 mg/kg
铅(以铅计)	≤10 mg/kg	≤10 mg/kg
砷	≤5 mg/kg	≤5 mg/kg
【微生物指标】		
表4 微生物指标		
检验项目	指标(粉末)	指标(液体)
菌落总数	≤1000 CFU/g	≤1000 CFU/g
霉菌和酵母菌总数	≤100 CFU/g	≤100 CFU/g
耐热大肠菌群	不得检出/g	不得检出/g
金黄色葡萄球菌	不得检出/g	不得检出/g
【检测方法】		
表5 检测方法		
检验项目	检测方法	
卫生化学指标	汞	《化妆品安全技术规范》(2015年版)“理化检验方法”中汞的检验方法第一法: 氧化石墨子密光度法
	铅(以铅计)	《化妆品安全技术规范》(2015年版)“理化检验方法”中铅的检验方法第一法: 氧化石墨子密光度法
微生物指标	菌落总数	《化妆品安全技术规范》(2015年版)“微生物检验方法”中菌落总数的方法: 涂布法或倾注培养法
	霉菌和酵母菌总数	《化妆品安全技术规范》(2015年版)“微生物检验方法”中霉菌和酵母菌总数的方法: 倾注培养法
【使用方法】		
将粉末与液体混合, 待粉末充分溶解后, 均匀地涂抹于肌肤。		
注意事项: 1.使用时避免用手直接接触出现红点、痒、刺痛、红肿等异常症状或副作用, 需停用几天, 2.在有效期内使用, 3.避免与使用时的注意事项1) 保管在阴凉、通风干燥的地方, 2) 避免长时间直射光照。		
【贮存条件】		
密闭于避光直射光照		
【保质期】		
本产品保质期为1年, 标注形式为: 生产批号和限期使用日期		
备注: 标签或说明书中有关使用方法, 贮存条件或保质期的详细规定以国家有关规定为准。		



Making Whitening from the internal original skin !!

High performance Whitening Complex mechanism,
Reach step by step to the pigmentation induce
place in mechanism, reacting and improving the
dullness skin tone and blemish & Melasma.

Besides,
It is Multi-Whitening solution!
To Strengthen the skin barrier and able to see
whitening and brightening effectiveness at the
same time.



PN CELL WHITE

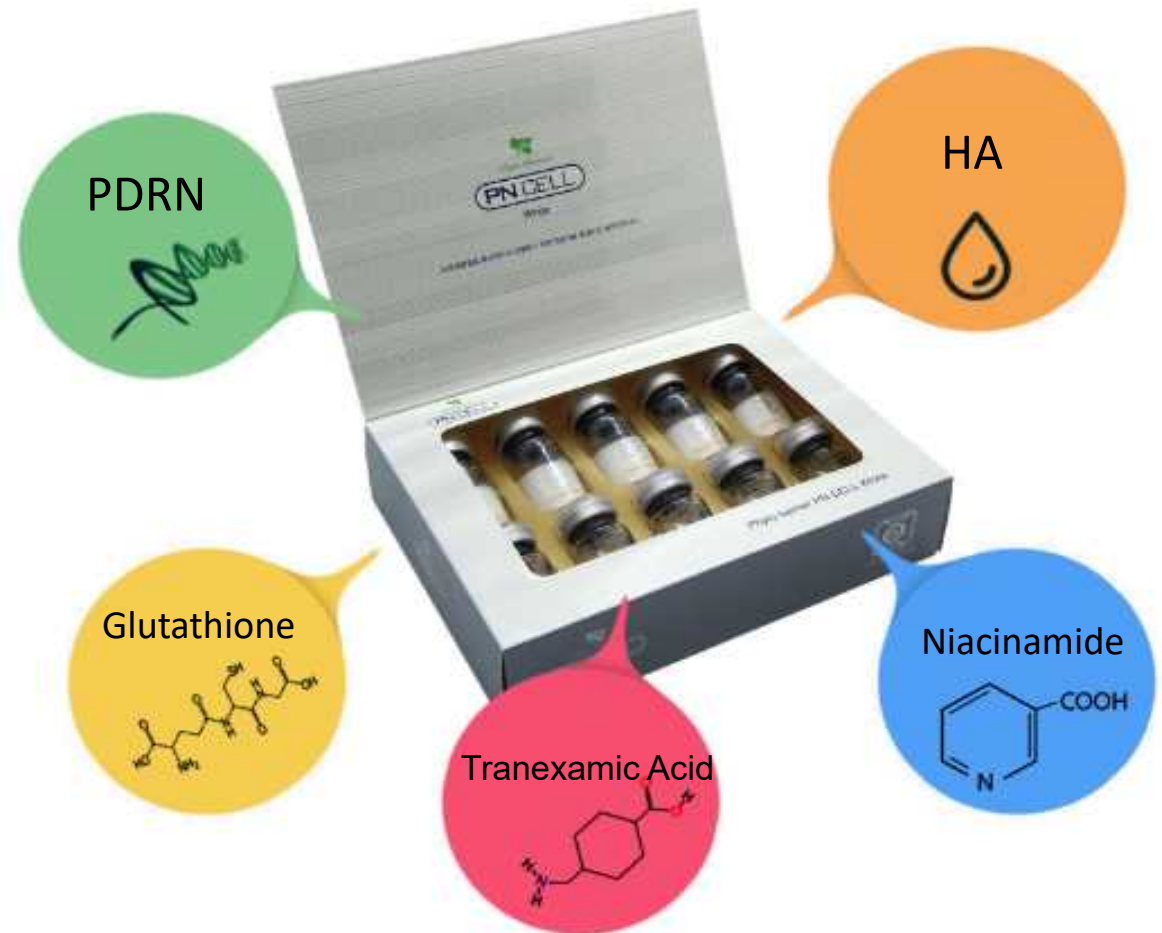
PN CELL White

✓ Application

1. Epidermal pigment disease
2. Pigmentation after inflammation
3. Acne scar, black or red marks
5. Dull and dark skin
6. Pigmented skin by UV exposure

✓ Effectiveness

1. Anti-Pigmentation
2. Whitening
3. Anti-PIH



P N C E L L W H I T E
D E S C R I P T I O N

1.Products & Size : 0.5g×5vials/5mL ×5vials [1set]

2.Dosage : Main ampoule + Pure water

3.Ingredient : Glutathione, Sodium DNA, Niacinamide, Sodium Hyaluronate

4.How to use : Using various skin care devices and absorb product to the treatment area.

(MTS roller/Multi Injector)

5.Expiration date : 2Years

6.Storage Temperature : 2~30°C

7.Country of origin : KOREA

8.Manufacture : BRPHARM

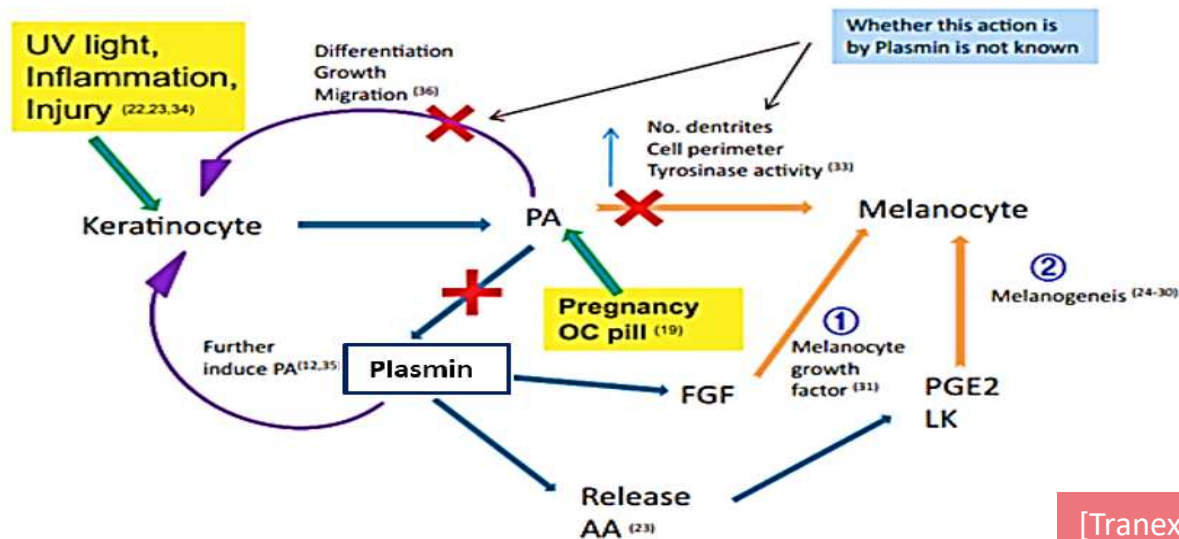
Pigmentation process

When PA(plasminogen activator) is stimulated by Keratinocyte which is generated by UV, Tumor, Wound, Pregnancy or taking oral contraceptive, it can

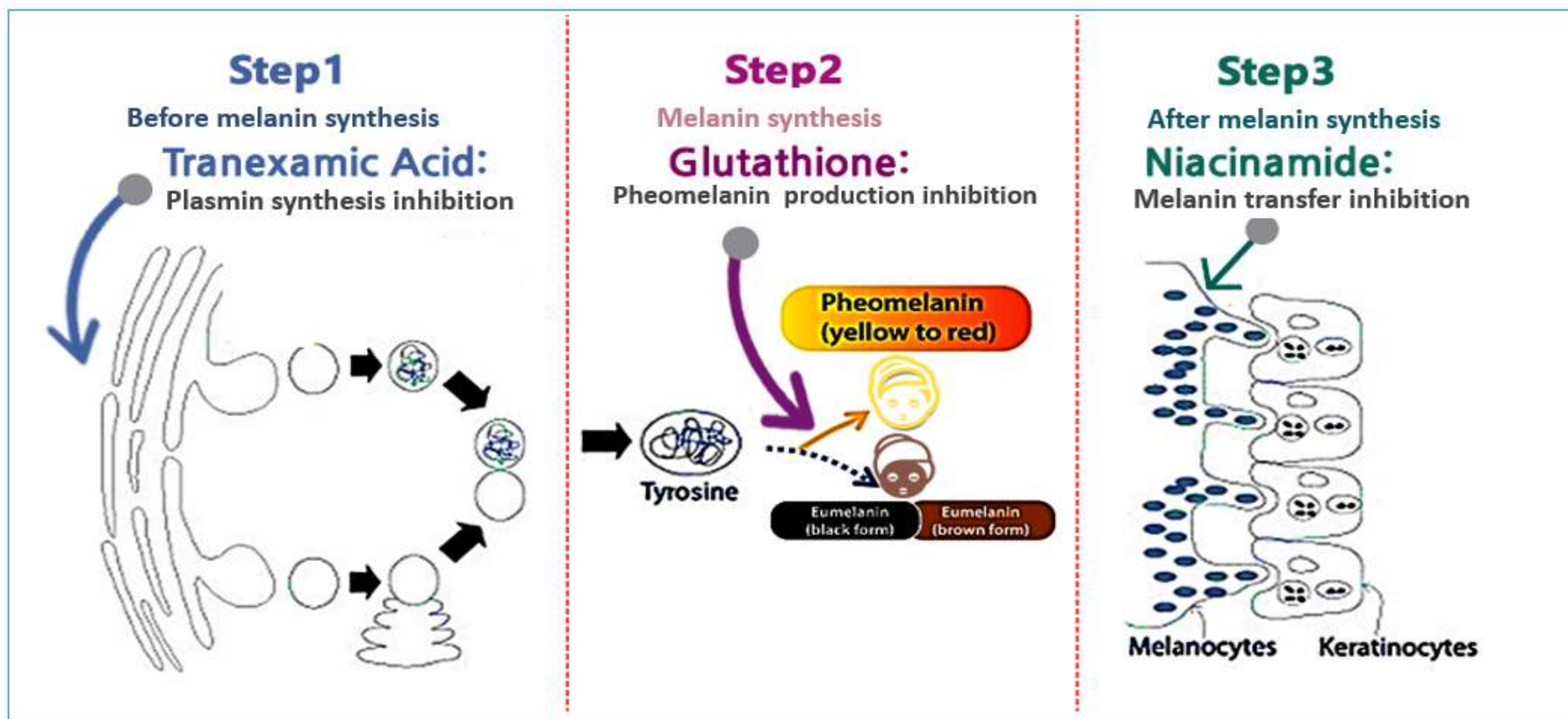
1. Increase pigmentation as acting pigment tissue directly
2. Stimulate pigment cell by activating Fibroblast Growth Factor(FGF)
3. Promotes production of melanin promotes the production of Arachidonic Acid which is precursors of Prostaglandin and Leukotrienes

Preventing pigmentation caused by this process in advance

Tranexamic Acid inhibits in advance **PA(Plasminogen activator) synthesis which induces production of Melanin.**



Tranexamic acid cuts off PA(plasminogen activator) relating to Melanin Pigmentation in advance.



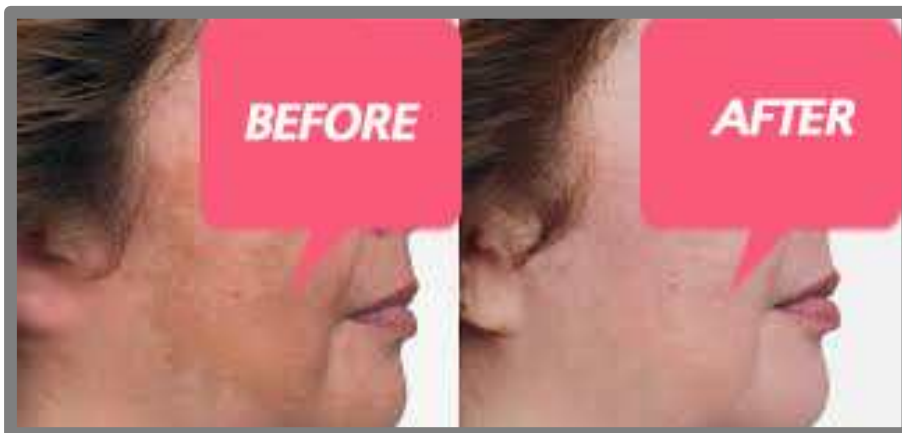
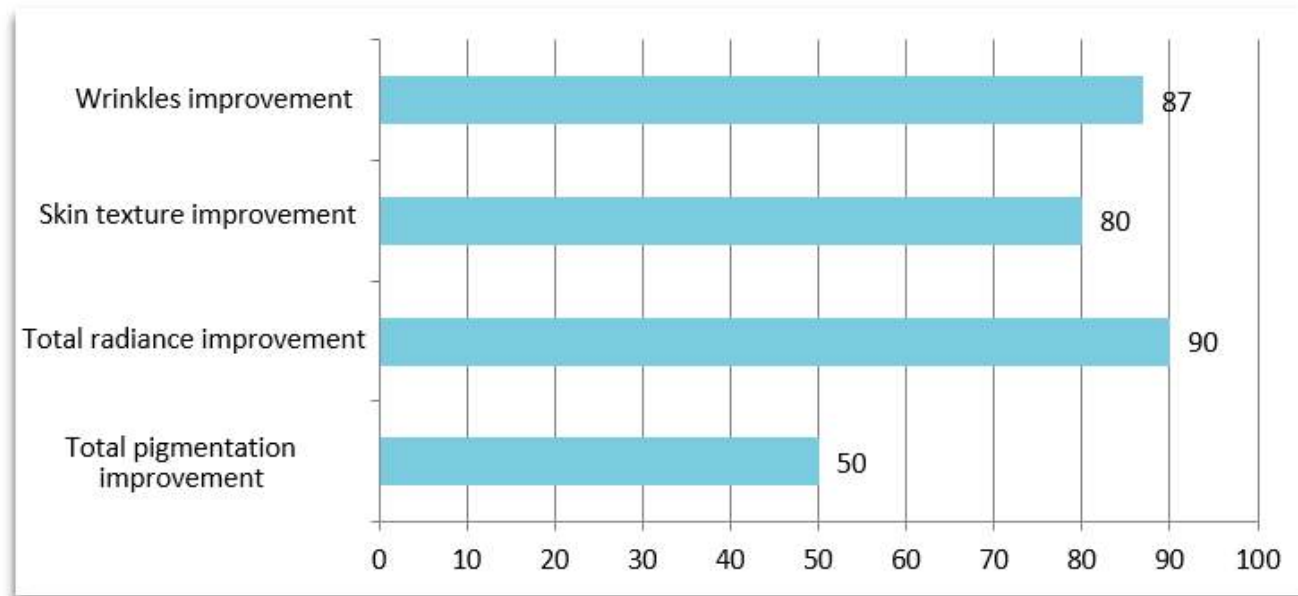
STEP1: Tranexamic acid blocks the production of prostaglandin which promotes the activity of melanin pigment, and inhibits the activation of Tyrosinase which is a melanin synthesis enzyme, and melanin. Therefore resulting in a whitening effect

STEP2: Glutathione binds to Tyrosine in melanin synthesis, inducing the Pheomelanin synthesis which is reddish from yellow, resulting in relatively light color melanin synthesis. Therefore resulting in a whitening effect

STEP3: Niacinamide shrinks tentacles that transfer melanin from the melanocyte to the stratum corneum(Keratinocytes). So that it shows whitening effect.

PN CELL WHITE CLINICAL DATA

12-week Dr. Evaluation † Study results for PN CELL White normal to all skin.



1. Treatment Cycle

- 7~10 interval 5times treatment recommend, it can be adjustable depending on skin condition.

2. 1time Dosage

- 0.5g/ 1vial+ 5cc/Saline water



3. Treatment method

- ① Mesotherapy, ② AMTS device (0.2~1.5mm Needle), ③ Multi Injector
- ④ Ion (+)(-) No ionizing action. Use with neutral

4. Product expiry date

- ① Before open: 2years ② after open : sealed Use all within 7days

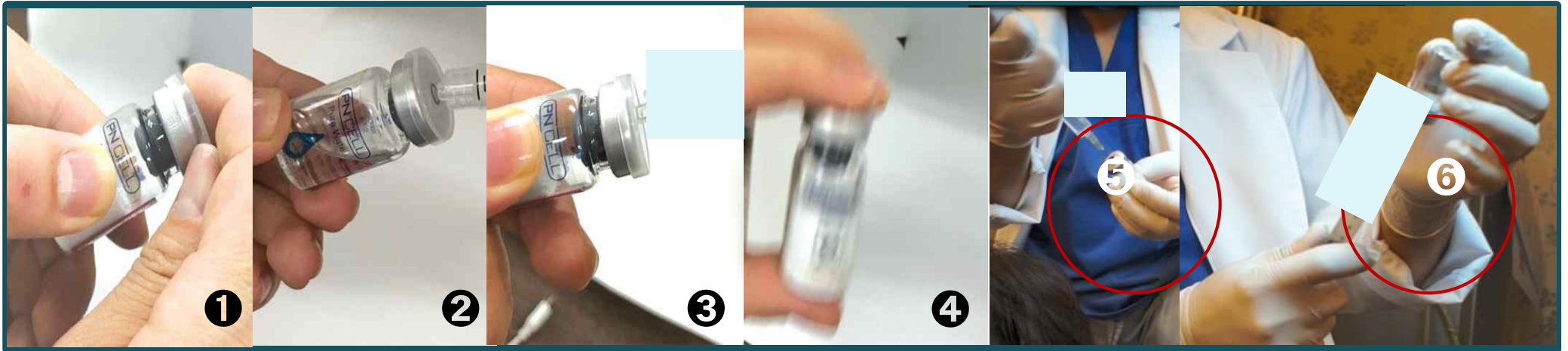
5. Specification

- Can be mixed with vitamin ampoule and same model, PN CELL products(Lyophilization).

6. Precautions after the procedure

- Cleansing softly after the treatment day.
- After 2~3days, do not exercise, no hard physical activities, no sauna etc.
- The treatment area should be carefully cared by UV protection
- Apply home care products every morning and night for skin regeneration.

P N C E L L W H I T E T R E A T M E N T



How to Use:

1. Remove cap of “Lyophilization ampoule”.
2. Remove cap of “Saline ampoule” and pull out Saline by syringe.
3. Put Saline water into Lyophilization powder
4. Mixing together and dissolve lyophilization powder.
5. Pull out 5ml(total) by syringe and start to the treatment (from inside to out).



The treatment is based on 5 times per week, and it can be increased or decreased depending on the skin condition, and can be performed in parallel with other treatment.

1 Pretreatment



STEP 1. Cleansing

- Cleansing before the treatment
(The process of eliminating wastes in the skin and pores
in order to increase the absorption of substances)

2 Pretreatment



STEP 2. Skin Scaling

- To help increasing the absorption (10~15minutes)

3

Main Treatment



STEP 4. Main Treatment

- Using the MTS or meso device and absorbing ampule to the treatment area

4

Calming Care



STEP 4. Calming Care

- Mask pack or using device of calming

5

Completion



STEP 5. Completion

- Softly apply the regeneration cream and sun block cream

P N CELL WHITE A F T E R T R E A T M E N T

PN CELL
Meso solution

Phyto Barrier Centila Cream

Recovery cream to help repair damaged skin !!

[Key word] For all skin, recovery cream, moisturizing, hypoallergenic, sensitive, itching, acne skin, essential cream after surgery

Intensive care after wounds and traces

Increase skin density

Skin care & protection



Moisturizing without stickiness

No antibiotics & No Steroid

Uneven skin tone care

30g