

Lavieen



BB Laser Lavieen

1927nm Thulium Laser

- Skin Resurfacing
- Pigmentation Removal
- Fine Wrinkles Improvement
- Scar Treatment

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The background of the image features several irregular, brown, liquid-like splashes or smears arranged around the central text, creating a textured, organic frame.

ALL IN ONE Laser without BB cream

BB Laser Lavieen

01 Specification

BB Laser Lavieen Specification

Product	Lavieen
Irradiation Type	Thulium
Wavelength	1927nm
Out Put	1 ~ 120mJ(Energy per Pulse)
Max Energy	10W
Pulse Width	0.1 ~ 10ms
Scan Size	1X1 ~ 30X30 mm (1X1mm step)
Scan Area	0.1 ~ 2.0mm (0.1mm step)
Demension	279(W) * 687(D) * 766(H)mm
Weight	30kg
Tip	10, 20, 30mm



10mm Tip



20mm Tip



30mm Tip

02 Main features of Lavieen

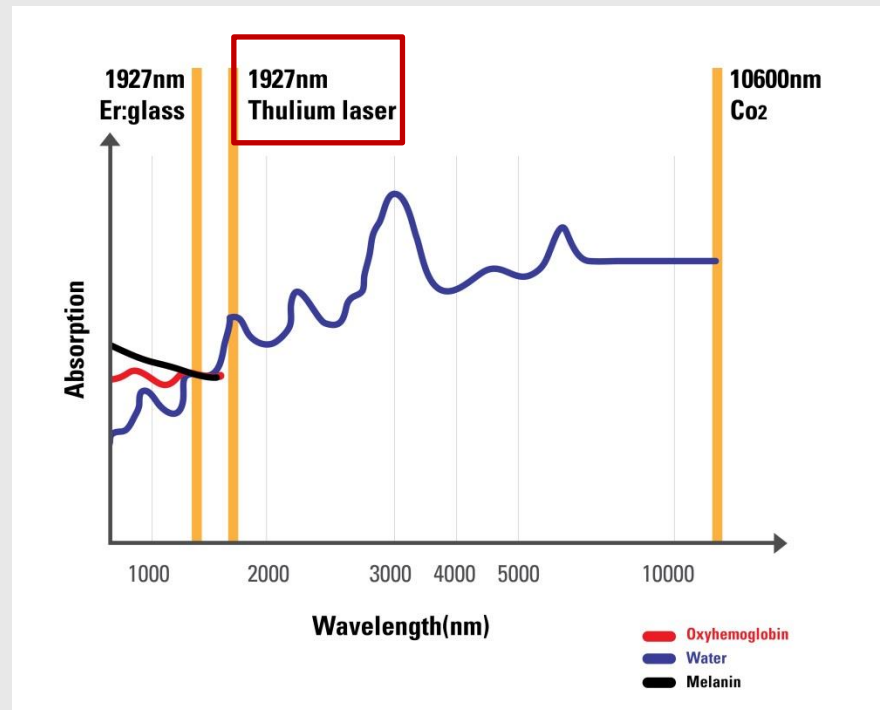
Lavieen

- ▶ Deliver the heat to epidermis and upper part of dermis with **preservation of stratum corneum** due to the feature of 1927nmthulium laser reacting well to moisture
- ▶ **Non-ablation procedure and Ablation procedure** according to parameter setting
- ▶ Fast return to the routine after **short downtime**
- ▶ **Various indications** not only brightening but also pore, elasticity and fine lines.



03 Lavieen treatment principle

Lavieen of wavelength that reacts well to moisture



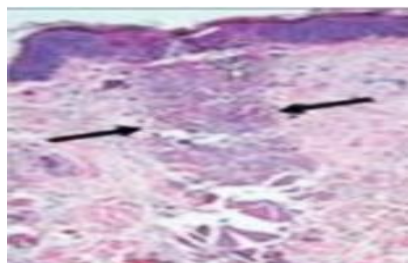
1927nm Thulium laser

- ▶ Water absorption about 10 times higher than Er:Glass
- ▶ It is used for destruction or vaporization of tissue due to high affinity to moisture
- ▶ **Remove melanin pigmentation from the basal layer** by vaporizing the skin's moisture, which temperature rises sharply to absorb the laser energy
- ▶ After causing heat damage, **melanin in epidermis is removed and bring brightening effect** at the same time while micro crust is fell off.

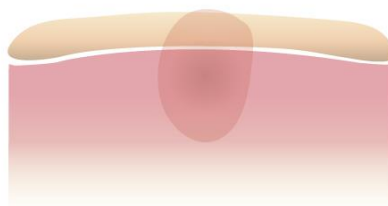
03 Lavieen treatment principle

Lavieen

Lavieen has both feature of Er:Glass and Co2 laser

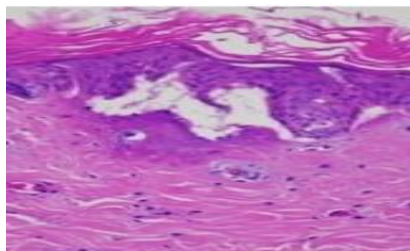


1550nm



✓ Non-ablative

Due to the low water absorption, depth is deep, but there is only denaturation which does not give a definite effect on pigment treatment



1927nm



✓ Ablative / Non-ablative

Water absorption is between Er:glass and Co2, remaining stratum corneum intact. Penetration depth is 0.15~0.3mm, Ablation/Non-ablation is possible depending on the amount of energy



10600nm

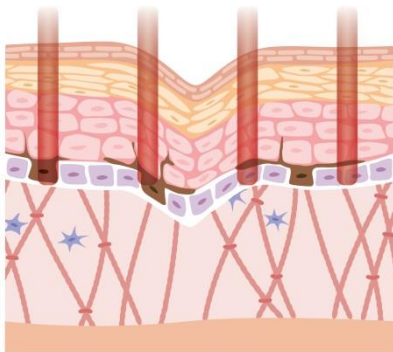


✓ Ablative

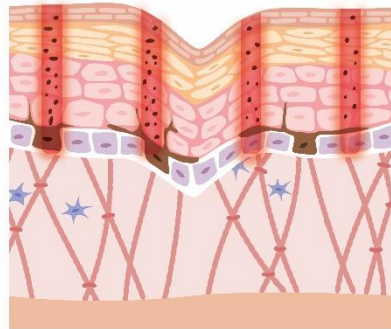
Damage to the skin barrier due to the ablation from stratum corneum. Longer downtime and high risk of PIH, erythema

03 Lavieen treatment principle

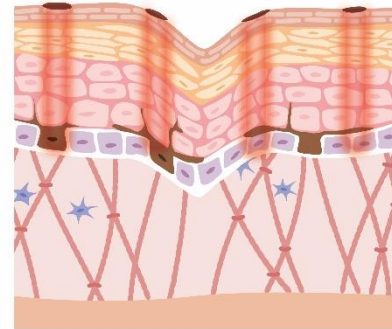
Removal epidermis pigmentation and dermis regeneration of Lavieen



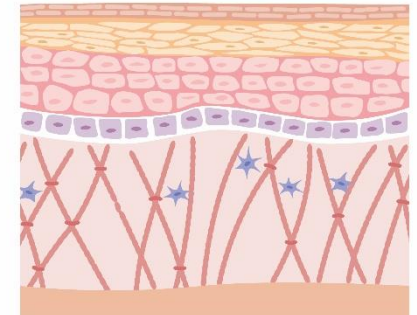
Fractional laser irradiation
Transfer thermal energy to the epidermis and upper dermis with **preserving stratum corneum**.



Melanocyte destruction of basal layer due to the vaporization of skin moisture by transferred heat energy and **wound healing mechanism** in epidermal-generated MTZ



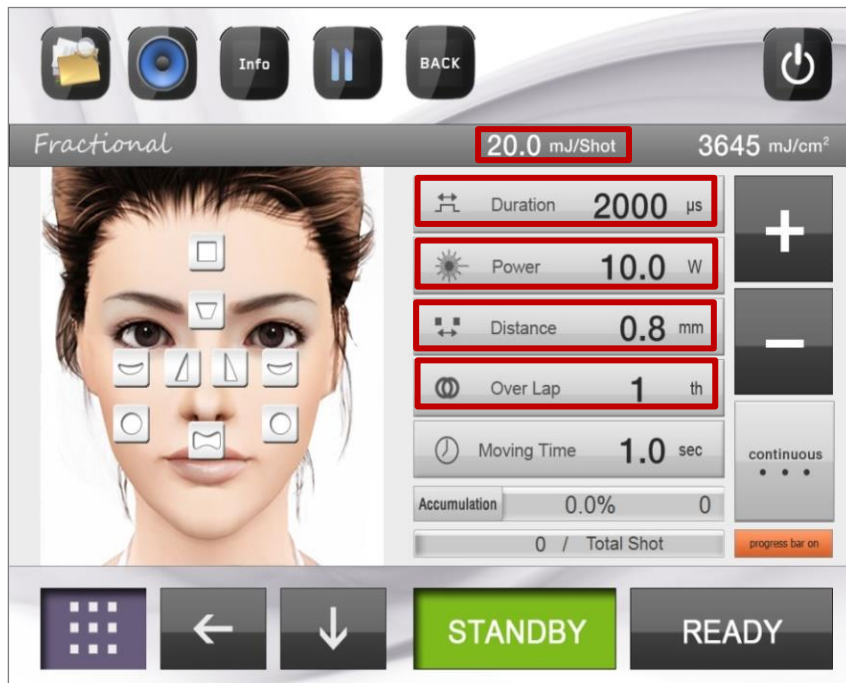
- ① Micro crust formation within 2-3 days
- ② Melanocyte-removed basal layer is elevated to the stratum corneum by **faster cell regeneration cycle** due to the effect of MTZ.
- ③ 3 ~ 7 days of micro crust and keratin being fell off → **pigmentation lesion treatment with brightening effect**



The thermal energy delivered to the upper part of the dermis is used to regenerate the skin by **collagen contraction and collagen regeneration**, thus **reducing pores, removing fine lines, and improving skin elasticity and skin texture**.

04 Adjust Ablation according to parameter setting

Adjust Ablation according to parameter setting



Adjust the energy density per unit area
with power and duration setting

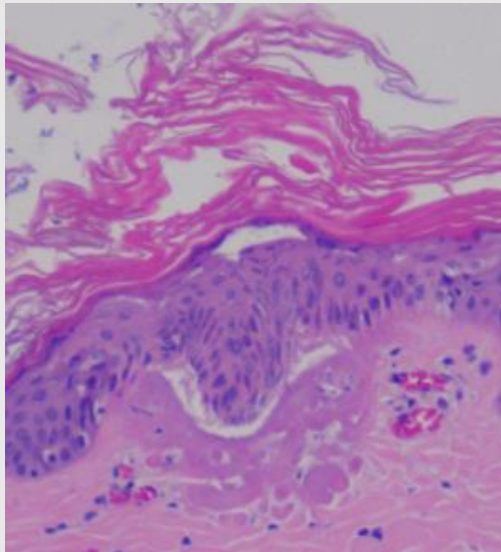


Set Distance
& Over Lap (stacking)

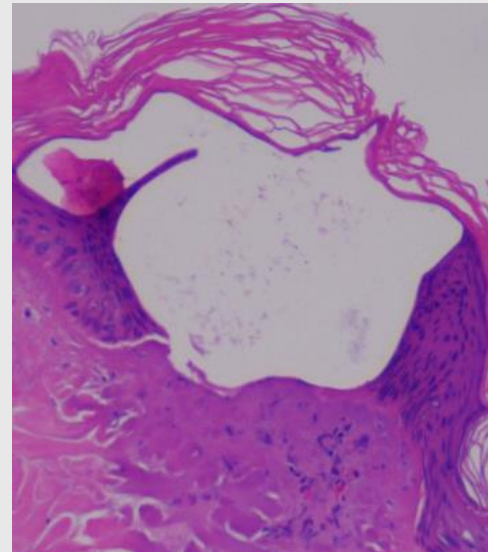
Customized procedure according to the lesion
with controlling the degree of ablation.

Adjust the Ablation with setting parameter

Customized procedure according to the lesion
with controlling the degree of ablation



<Non-ablation>



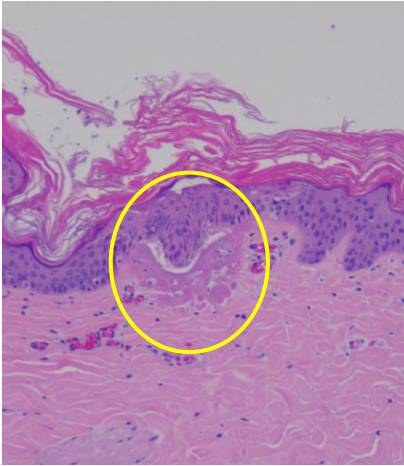
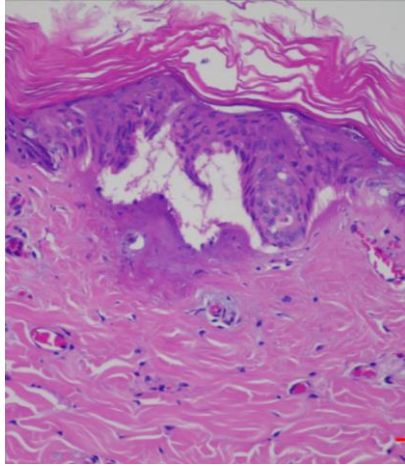
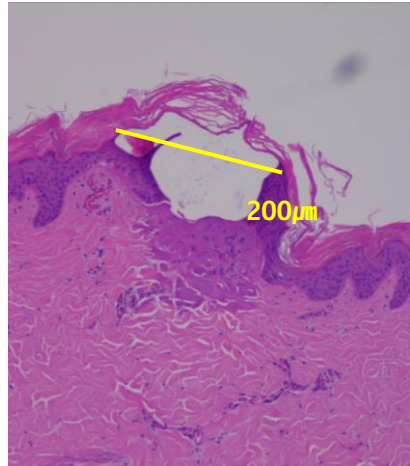
<ablation>

05 Various indications



06 Prove efficacy through pre clinical

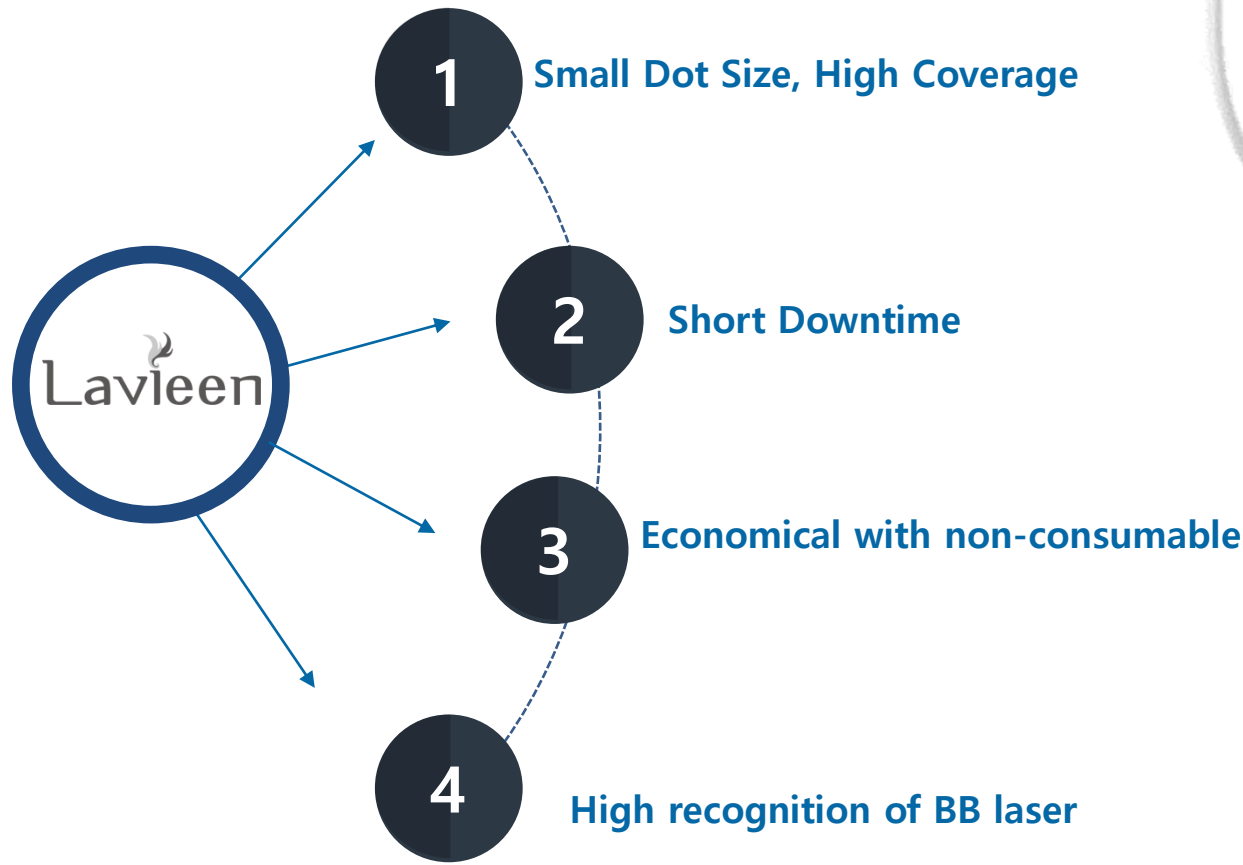
Prove efficacy through pre clinical (Pig)

parameter	1.2ms / 10W / 1pulse	4ms / 5W / 1pulse	2ms / 10W / 2pulse
Energy	12mJ	20mJ	40mJ
Effect			
	<ul style="list-style-type: none"> • Remains epithelial cells • The basal layer and upper dermis are slightly away • Coagulation effect on upper dermis • Epidermal tissues are slightly denaturalized 	<ul style="list-style-type: none"> • Remains epithelial cells • The basal layer and upper dermis are fully away each other • Ablation effect • Thermal effect on upper dermis 	<ul style="list-style-type: none"> • Destroyed epithelial cells • Fully ablation • Thermal effect on dermis

07 Advantages of Lavieen

Lavieen

Benefit of Lavieen



Small Dot Size, high Coverage



✓ Advantage during procedure

- ▶ Maximize the efficacy for coverage area with sophisticated procedure using small dot size
- ▶ Reduce the pain during procedure for small dot size



✓ Advantage after procedure

- ▶ Downtime becomes shorter due to the formation of micro crust created by small Dot size
- ▶ Micro crust is less noticeable, possible for daily life

07 Advantages of Lavieen

Lavieen

Short Downtime



After treatment

Erythema, Edema



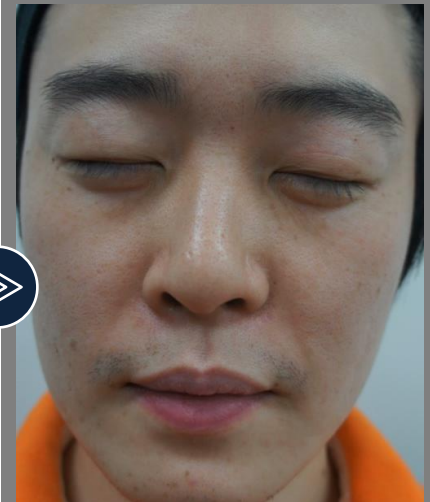
The next day of procedure

Formation of micro crust



After 3days of procedure

Crust eliminated



After 5 days of procedure

Completion of the treatment

07 Advantages of Lavieen

Lavieen

Economical with non-consumable



FRX Dual

There is a consumable(tip), so steady maintenance cost is required



Lavieen

There is no consumable(tip), economical with no maintenance cost

07 Advantages of Lavieen

Lavieen

High recognition of BB Laser



Lavieen
뷰티 파워블로거들의 극찬을 받은 비비레이저

About Device
레이저는 1927nm Thulium Laser를 이용하여 상처의 손상 없이 기미, 잡티 등의 색소성 병변을 치료하고 콜라겐을 수축시켜 탄력, 모공, 주름 등의 효과도 동시에 경험할 수 있는 새로운 개념의 레이저이다. Thulium Laser는 Er:Glass와 비메 수분 흡수도가 약 10배 정도 높고, CO2 레이저는 낮은 수분 흡수도를 갖고 있다. Er:Glass와 CO2 두 레이저의 특성을 모두 가지고 있다. 여러 번의 레이저 토닝 또는 PRF 토닝을 거치지 않는 단회성 색소를 치료하고 얼굴 전체의 화이트닝 효과와 함께 모공, 주름 및 탄력 개선을 동시에 달성할 수 있다.

Device Information
문의처: 070-7836-6933
www.won-tech.com

- Melanin에 직접적인 beams는 rebound side-effect 최소화
- 적응성 parameter 조절로 시술 후 통증 최소화
- Stacking mode로 집중 비침출성 시술 선택가능
- Dataunt 기능으로 단위면적당 도수율에 따라 시술

Clinical Cases / Specifications

Device Name	Thulium Laser
Laser Wavelength	1927nm, 2010nm
Wave length	1927nm, Thulium Laser

Before After

연관검색어 ? 라비앙레이저후기 라비앙 효과 라비앙 딱지 비비레이저 비비레이저 가격 비비레이저 라비앙



(아비주 노원) 비비레이저 라비앙~ 2017.03.30. | [G](#)
여러분 안녕하세요~ 오늘은 라비앙(비비레이저) 를 소개할게요! 말만들어도 피부가 깨끗해 질거 같은 비비를 바른것같은 효과를 줍니다 굿굿비비레이저는! 기미,잡티 색소성... ☆노원썬썬비비주리 blog.naver.com/wynno... | 블로그 내 검색 | 약도 >



비비레이저 생생후기 *여름철 피부고민... 2016.07.19. | [G](#)
라비앙 비비레이저 생생후기 요새 한동안 찌지 않던 셀카를 마구 찍어대고 있어요! 왜? 얼마전에 시술한 비비레이저 라비앙 덕분이예요 :D 병원정보에 대해서 궁금해하시는... 로즈말레 주인공의 ... blog.naver.com/rbstyle2014/220766046207 | 블로그 내 검색



알구정피부과:)기미잡티레이저 비비레이저라비... 2016.09.27. | [G](#)
알구정피부과:)기미잡티레이저 비비레이저라비앙 일주일후 추적때 얼굴에 비비레이저 하고 나서 일주일후에 관리받으러 고고!! 레이저치료는 항상 관리가 더더 중요해요... 맘엘케이 blog.naver.com/momik... | 약도 > **SmartEditor (3.0)**



"라비앙 비비 레이저" 수원역 피부과... 22시간 전 | [G](#)
하하하 바로바로 ~~~ "라비앙 비비 레이저" 인데요. 다른 화이트닝 레이저에 비해서 효과가 빠르고, 비교적 통증이 적다고 하여 바로 "수원역 피부과 수메디의원" 으로 GO! GO... 지방흡입의사 수메디 blog.naver.com/leehg67/221014036391 **SmartEditor (3.0)**



비비레이저 라비앙 청주미담클리닉에서 만나세요 2017.03.06. | [G](#)
비비레이저 라비앙 청주미담클리닉에서 만나세요 피부손상없이 비비크림을 바른 듯 깨끗하고 완벽한 피부로의 재탄생 할 수 있는 청주미담클리닉의 비비레이저 라비앙... 미를담하는여자 ♡ blog.daum.net/lmk2045/5924246 | 블로그 내 검색



화이트닝 비비레이저 : 라비앙레이저... 2016.06.07. | [G](#)
화이트닝 비비레이저 : 라비앙 레이저, 모공관리에 좋은 레이저 :) 지난 주 라비앙 레이저 시술을 받으러 피부과에 다녀왔어요 :) 라비앙 레이저는 '비비레이저' 라는 애칭이... :: 달달한 오후의 레... blog.naver.com/yuop1193/220730192812 | 블로그 내 검색



비비레이저
비비크림을 바른듯 깨끗하고 완벽한 피부!

자신있는 행보를 한다면!

비비크림 바른듯 깨끗하고 완벽한 피부 Whitening LASER

비비레이저 라비앙

한 번의 시술로도 만족스러운 화이트닝 효과
비비크림 바른듯! 결정없는 피부로 재탄생!

화이트닝, 잔주름제거, 모공축소, 탄력개선

색소병변, 화이트닝, 모공, 주름, 탄력을 한번에!!
1회 시술만으로 뛰어난효과!!
비파괴성 시술의 빠른 회복기간!!

얼굴에 비비크림
얹듯 바르면
자주 자주
화장이 지우고 싶어!
민낯 자신감 UP!

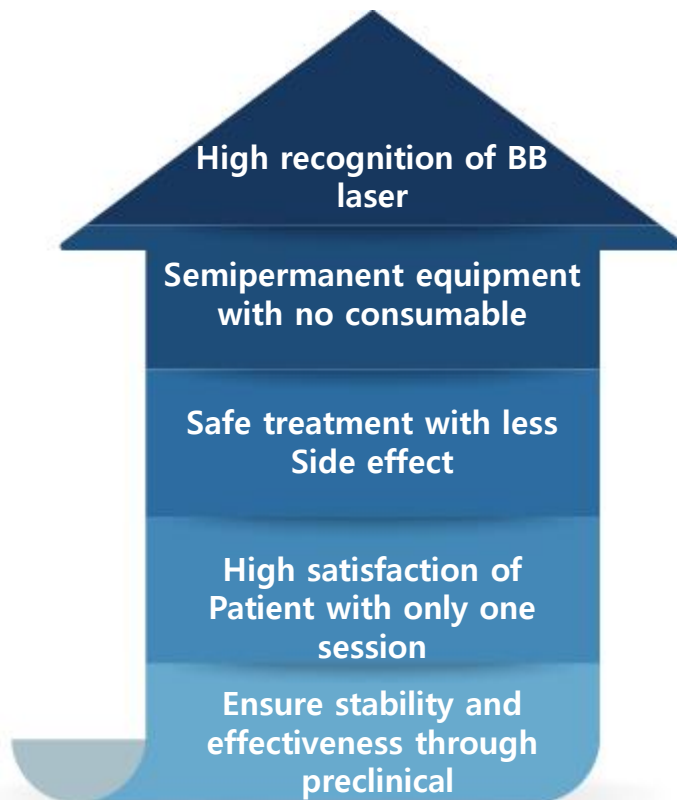
• MedicalS 2016. 5월호

07 Advantages of Lavieen

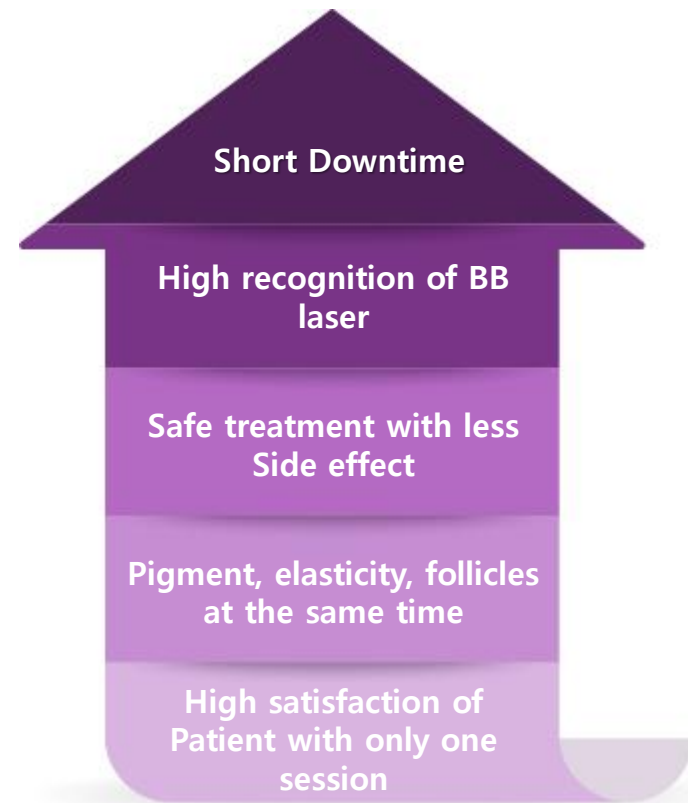
Lavieen

High satisfaction of doctor and patient

High satisfaction of doctor(practitioner)



High satisfaction of customer(subjective)



Lavieen procedure



Cleansing

Cleanse skin waste before procedure

Anesthesia

Apply anesthesia cream about 20-30 minutes for reducing patient's pain (Apply wrap for absorption of anesthetic cream)

Procedure

Proceed procedure after drying water (Cryo for pain relief at the same time)

Post treatment

Calming care after applying Ampoule. Apply moisturizing or regenerating cream on dried skin after procedure

08 Procedure program

Q&A

01 How painful is the procedure?

Anesthesia cream is applied for 20-30 minutes before the procedure to relieve pain and is accompanied by a tingling pain during the procedure.

03 When can a patient expect to see the results?

Depending on the strength of the procedure, crust is usually created within 2 to 3 days, and it is fell over 3 to 7 days. Patient experience brightness without crust.

05 What is the precautions after procedure?

On the day of procedure, there will be redness and burning sensation on the treated area. And redness can be last until next day.

Avoid the day's cleansing, cooling and calming care will be required to relieve the heat. And skin becomes dry due to the laser treatment, **so apply moisturizing and regenerating cream from time to time.**

Apply sunblock every 2-3 hours to protect the skin from ultraviolet rays.

Redness disappears over the time and **do not take off the scabs intentionally.**

Avoid heavy exercise, sauna or hot bath for about 5 days

02 How long does the procedure take?

It takes 30 minutes for anesthesia and 10 minutes for an entire procedure.

04 What is the procedure interval?

Every 4weeks are recommended.

You can experience outstand efficacy with only one session. You can remain the efficacy by periodic procedure.

Lavieen + Lavijue Program

“ Manage with Lavijue after Lavieen treatment! ”

Continuous care after laser treatment is important.

If post treatment care is neglected, problems such as hyperpigmentation may occur.

So Follow-up care is more important than anything else.

What is Lavijue?

- Solution which maximize the moisturizing, brightening, regeneration care.
- EGF, FGF, PDRN, Glutathione and other ingredients that can give moisturizing and whitening effects are liposomized to increase penetration of the skin

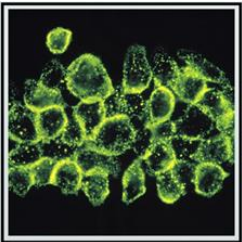
***Liposomalization**

Capsulize the surrounding of the raw material, so it does not break down the raw material form as it is, but it is transferred into the skin as it is originally, enabling immediate whitening and moisture supply.



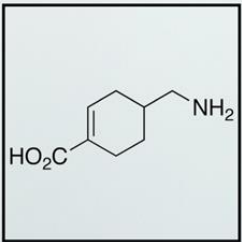
Components of Lavijue Ampoule

공통성분



EGF/FGF

EGF which returns skin age such as overall skin tone, pore, elasticity
FGF, which works on collagen, elastin and hyaluronic acid, which are the three major components in the skin, to improve wrinkles and skin laxity.



TXA(Tranexamic Acid)

Improvement of blemish and effective ingredient to treat melasma for giving help to recover damaged skin and skin barrier with skin convergence effect.



PDRN(Polydeoxyribonucleotide)

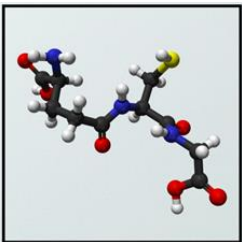
A piece of DNA that is extracted from salmon and serves as the basis for the cell. A component that promotes DNA synthesis and promotes regeneration of damaged skin tissue when administered into living tissue



γ-PGA(Polyglutamic Acid)

Ingredients extracted from Cheonggukjang. It is a mucilage material that has a very high skin compatibility and a high water-solubility. Next generation moisturizing ingredients with five times higher moisture than HA

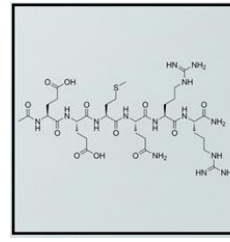
Brightening



Glutathione

It is well-known as a porcelain injecting agent. It has the most similar components to the skin and has antioxidant properties. It gives vitality to the skin and helps to brighten

Wrinkle Care



Acetylene Hexapeptide

It is well known for Botox applied. It has a small molecular structure and high stability, which helps to improvement of wrinkle caused by aging and contract the skin muscle



LIPOSOME

Make raw materials into nano-sized capsules. A method for quickly and effectively absorbing raw materials

08 Procedure program

Components of Lavijue Ampoule

[Brightening Ampoule]



Glutathione with excellent whitening gives skin vitality to make skin bright and highly concentrated growth factors EGF, FGF and PDRN effective for regeneration and high-moisture γ -PGA make skin elastic and volume.

[Wrinkle Care Ampoule]



Acetyl Hexapeptide with a function of wrinkle-filling, smoothes the wrinkles of the face. Highly concentrated growth factors such as EGF, FGF, and PDRN, which are effective for regeneration, and high-moisture γ -PGA give skin with elasticity and volume.

08 Procedure program

Lavieen combination procedure and care



Dermaton

✓ Combination with Cryo Cooling

- Cryo Cooling combined with Lavieen treatment reduces pain and heat.
- Cools the surface of the skin to relieve pain and swelling. Cryo helps reduce pain and heat.



Lavijue Ampoule

✓ Ampoule Care after procedure

- It is effective to use Ampoule Care to maximize the effect of Lavieen treatment with MTZ formed on the skin after the procedure
- Drug delivery effect is realized through the clinical parameter value
- You can see the maximum effect of Lavieen and Ampoule



Premium Post-Laser Kit

✓ Calming and moisturizing care after treatment

- After procedure, the skin is extremely dry and sensitive, so strong calming / moisturizing is more important than anything else.
- Since skin regeneration occurs after the procedure, it is necessary to maintain a steady moisturizing treatment.
- When using Ampoule after the procedure, the Ampoule is fully absorbed, followed by calming and moisturizing care

08 Procedure program

Lavieen Combination program



Dermaton

✓ Cryo for regeneration

- A rejuvenating treatment that enhances and increases the delivery of drugs to the extreme dry and sensitive skin after the laser.
- The principle of cooling the skin surface to penetrate drug into the skin through current stimulation



AVVIO

PICO CARE 450

✓ Pigment treatment for epidermis and dermis

- **CO2 Laser** : The mole containing the pigment over the epidermis and dermis is treated by the combination of CO2 laser.
- **Dye Laser** : Severe epidermal pigment, a dark epidermal pigment can be treated by Lavieen with one or two sessions, or combined with a dye laser.
- **Laser Toning** : Dermal melasma can be treated by toning and brightening care.



Ultraskin

✓ Brightening and elasticity treatment at the same time

- **HIFU** : In case of fine wrinkles, decreased elasticity and skin sagging, lifting with HIFU is added to maximize lifting and tightening effect as well as brightening effect.
- **Botox** : Combining program that allows you to have efficacy of whitening and elasticity with Lavieen by having effect of elasticity and volume with Botox treatment

Clinical Data : Pigmentation & Wrinkles



Before



5days After 1 Tx Time

얼굴 전체 1000 μ s, 10watt, 0.7mm distance, 2 x overlap
색소 부분 3000 μ s, 5watt, 0.7mm distance, 2 x overlap

Clinical Data : Pigmentation & Scar & Wrinkles



Before



10days After 1 Tx Time

1100 μ s, 10watt, 0.7mm distance, 2 x overlap

Clinical Data : Pigmentation & Wrinkles

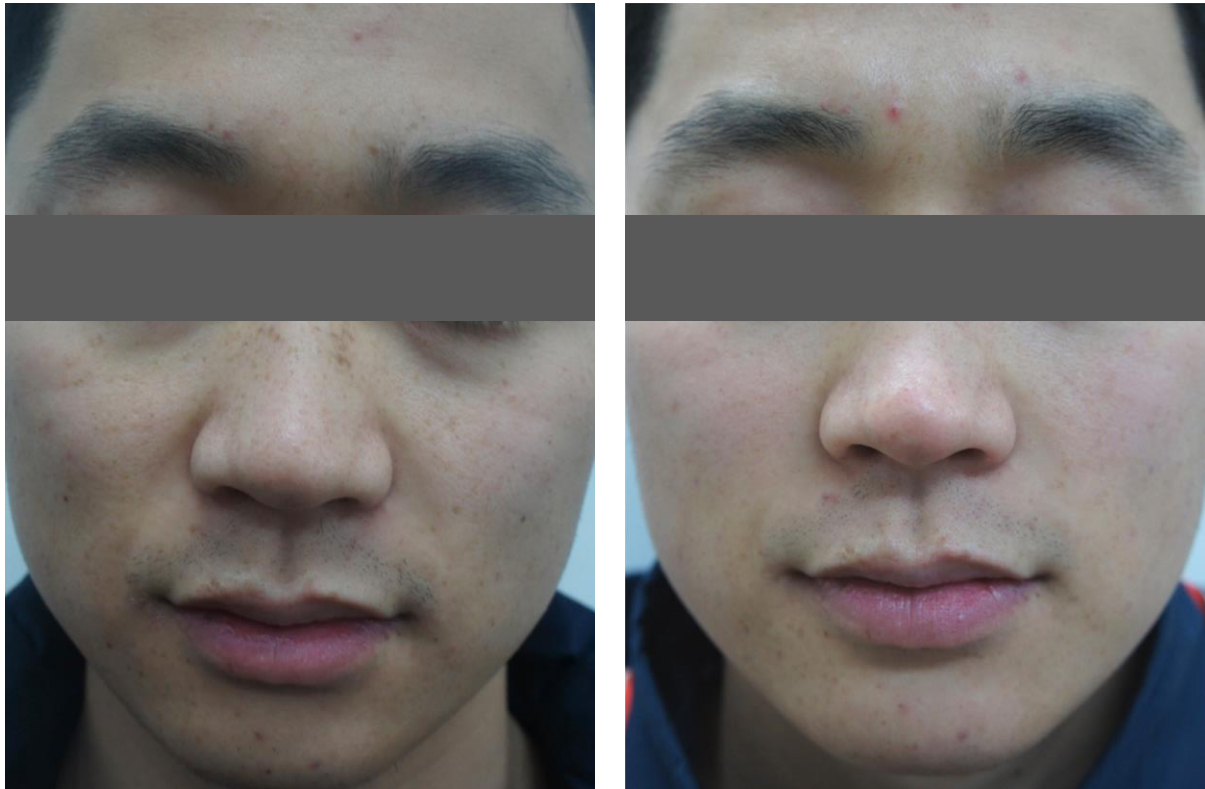


Before

7days After 1 Tx Time

1000 μ s, 10watt, 0.7mm distance, 2 x overlap

Clinical Data : Pigmentation & Resurfacing

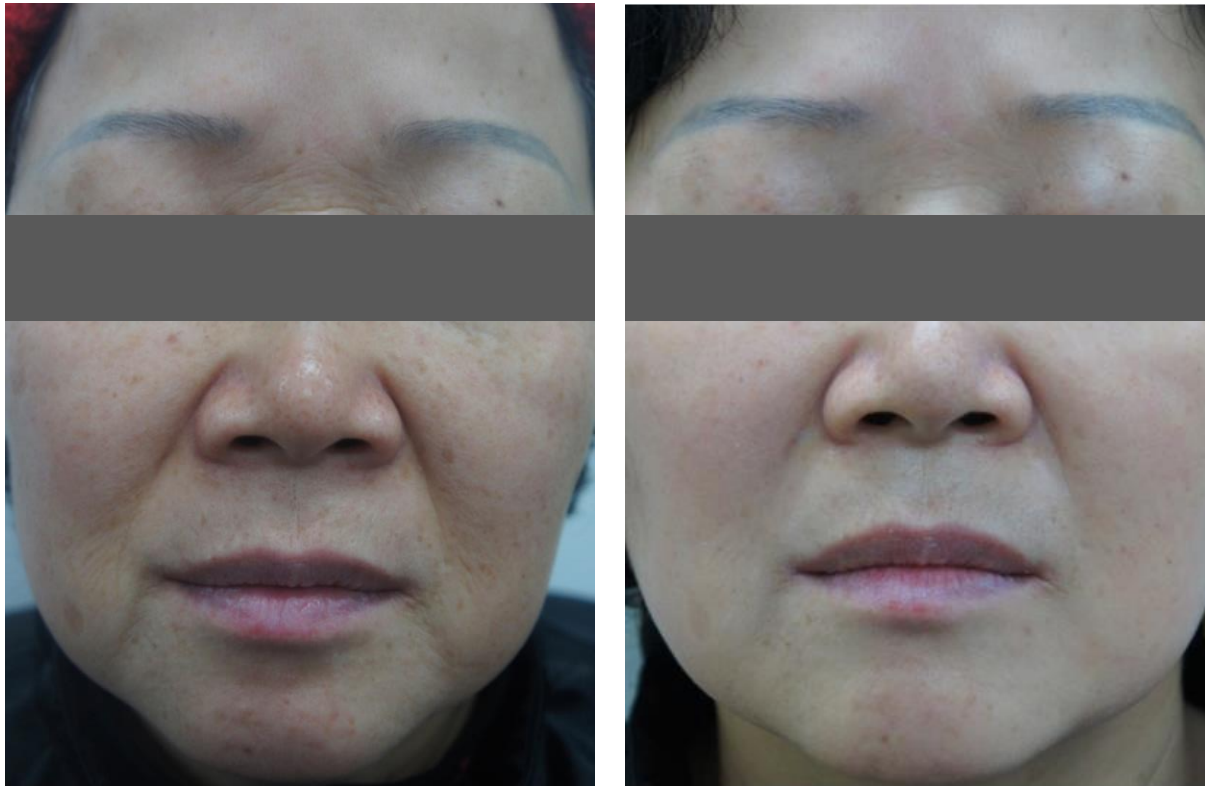


Before

7days After 1 Tx Time

1200 μ s, 10watt, 0.7mm distance, 2 x overlap

Clinical Data : Pigmentation & Resurfacing

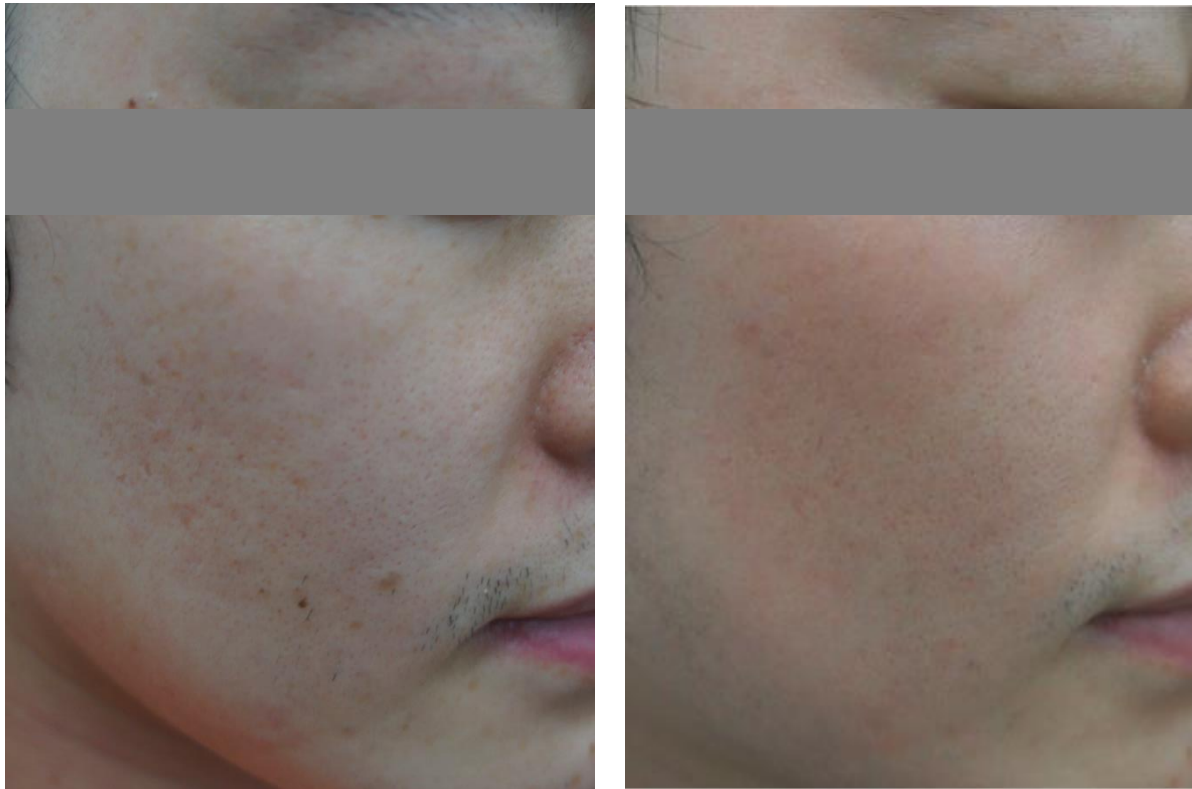


Before

10days After 1 Tx Time

900 μ s, 10watt, 0.7mm distance, 2 x overlap

Clinical Data : Pigmentation & Resurfacing



Before

10days After 1 Tx Time

1300 μ s, 10watt, 0.7mm distance, 3 x overlap

Clinical Data : Pores



Before



10days After 1 Tx Time

1100 μ s, 10watt, 0.7mm distance, 3 x overlap

Clinical Data : Acne Scars & Pigmentation



Before



7days After 1 Tx Time

1300 μ s, 10watt, 0.7mm distance, 2 x overlap

Clinical Data : Pores & Pigmentation



Before

7days After 1 Tx Time

1200 μ s, 10watt, 0.7mm distance, 3 x overlap

Clinical Data : Wrinkles



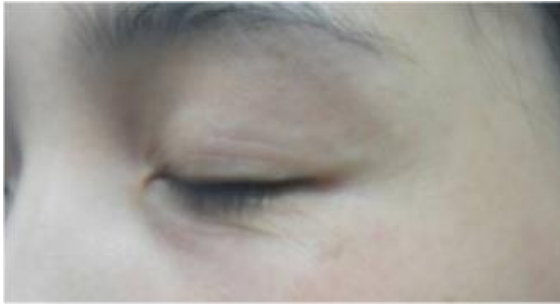
Before



6days After 1 Tx Time

1000 μ s, 10watt, 0.8mm distance, 2 x overlap

Clinical Data : Wrinkles



Before

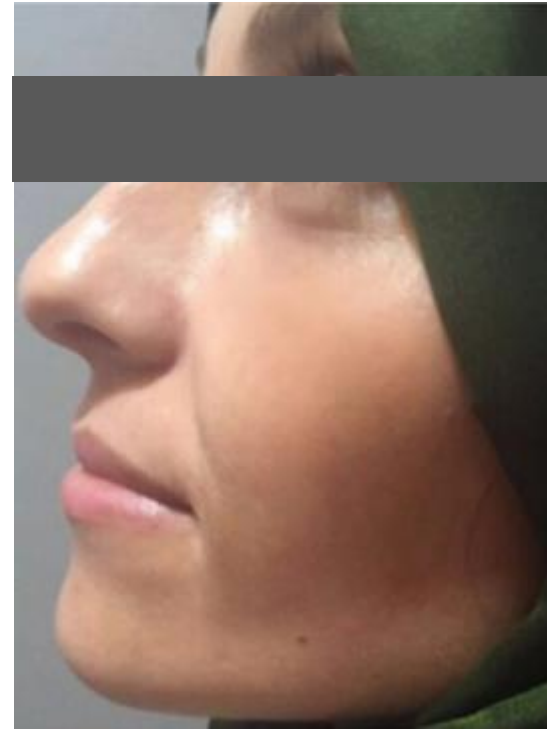
6days After 1 Tx Time

1000 μ s, 10watt, 0.7mm distance, 2 x overlap

Clinical Data : Pigmentation



Before



15days After 1 Tx Time

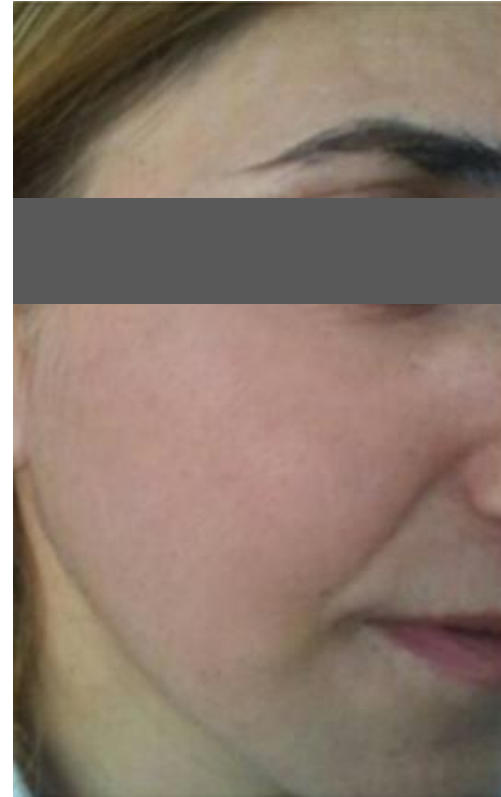
1500 μ s, 10watt, 1mm distance, 3 x overlap

Photographs Courtesy of Serkan Ozturk, MD, Turkey

Clinical Data : Pigmentation



Before



20days After 1 Tx Time

1300 μ s, 10watt, 1mm distance, 3 x overlap

Photographs Courtesy of Serkan Ozturk, MD, Turkey

Clinical Data : Pigmentation



Before



45days After 1 Tx Time

1500 μ s, 10watt, 1mm distance, 4 x overlap

Photographs Courtesy of Serkan Ozturk, MD, Turkey

09 Before & After

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Clinical Data : PIH



Before



6Months After 1 Tx Time

1200 μ s, 10watt, 1mm distance, 3 x overlap

Photographs Courtesy of Serkan Ozturk, MD, Turkey

09 Before & After

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Clinical Data : Large Pores



Before



10days After 1 Tx Time

1400 μ s, 10watt, 1mm distance, 3 x overlap

Photographs Courtesy of Serkan Ozturk, MD, Turkey

Clinical Data : Large Pores & Pigmentation



Before



10days After 1 Tx Time

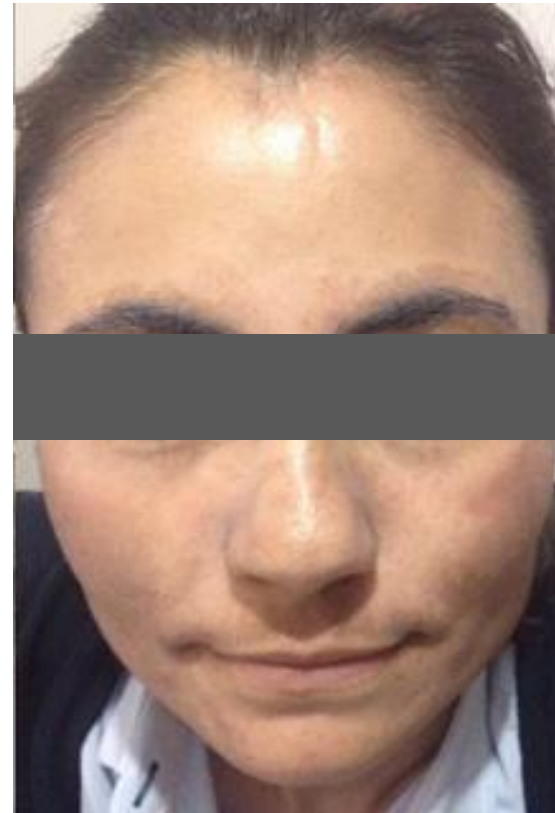
1400 μ s, 10watt, 1mm distance, 3 x overlap

Photographs Courtesy of Serkan Ozturk, MD, Turkey

Clinical Data : Burn Scar



Before



2Months After 1 Tx Time

1300 μ s, 10watt, 1mm distance, 3 x overlap

Photographs Courtesy of Serkan Ozturk, MD, Turkey

Clinical Data : Burn Scar



Before



1Months After 1 Tx Time

2000ms, 10watt, 1mm distance, 10 x overlap

Photographs Courtesy of Serkan Ozturk, MD, Turkey

Clinical Data : PIH



Before



1Month After 1 Tx Time

1.5ms ,10watt ,1mm distance, 4 x overlap

Photographs Courtesy of Serkan Ozturk, MD, Turkey



Lavleen

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