

SmartCure™

Single micro-needle
Thermo-coagulation technique

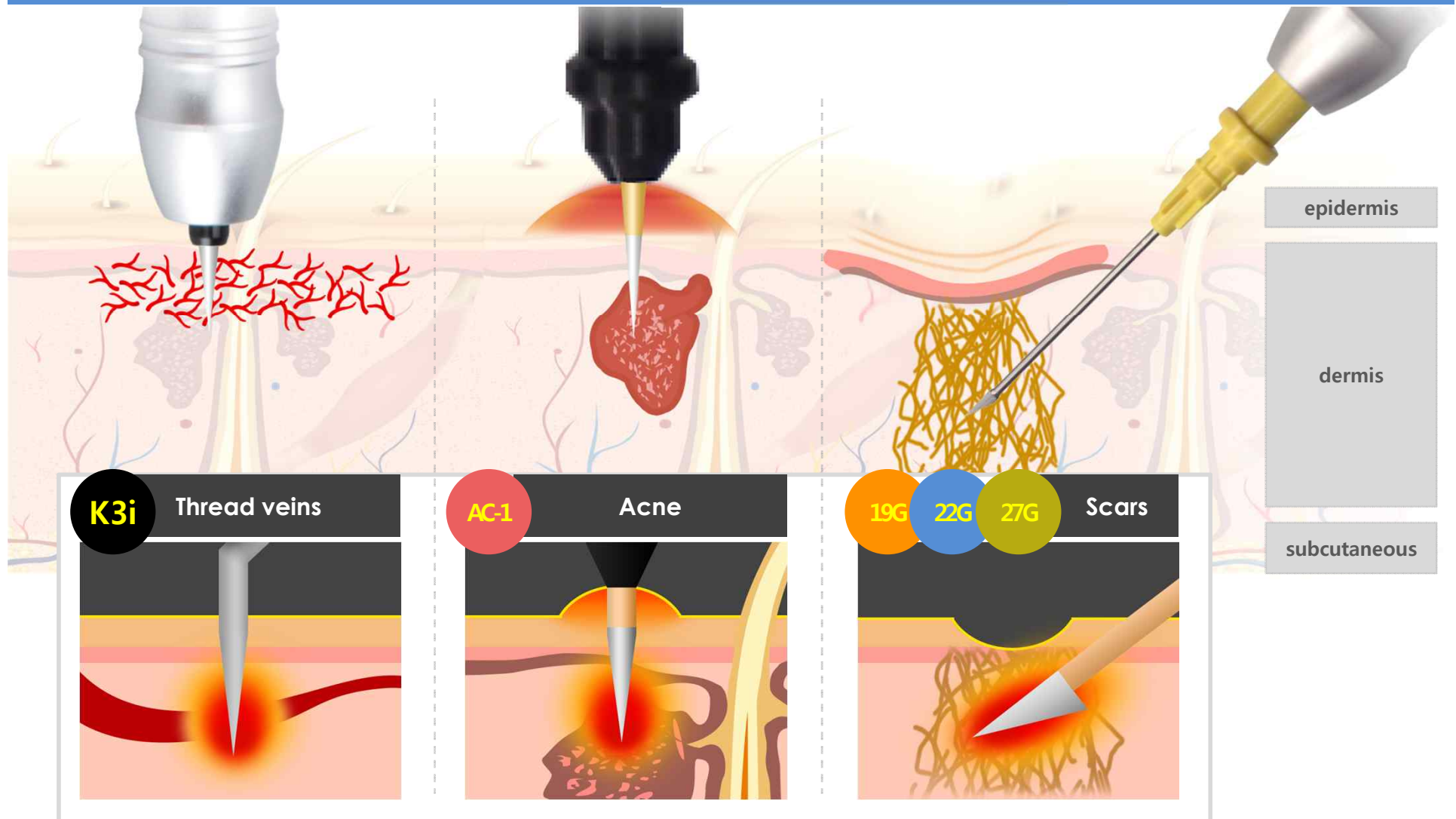


Guide tip for SmartCure™



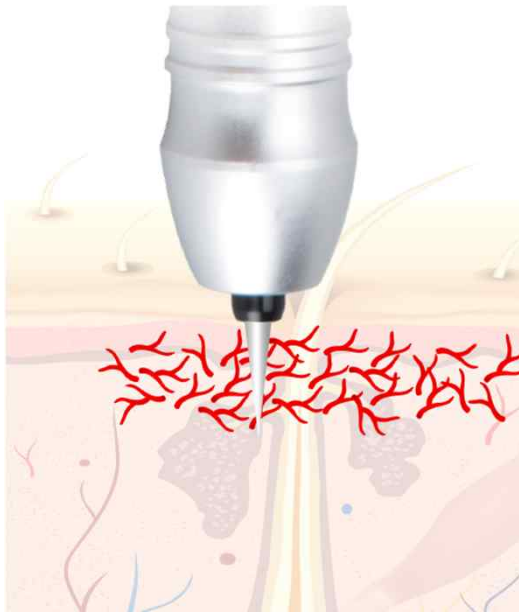
Creativeilooda

WHAT IS *New* SmartCure™

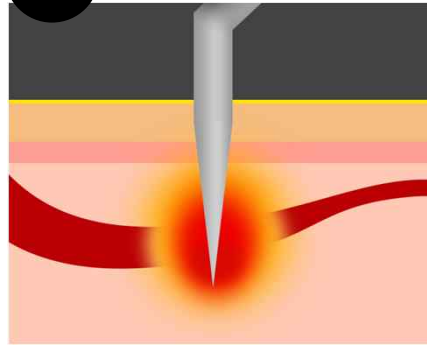


SmartCure™, smart electro pen permits various thermo-coagulation techniques combining with single electrolysis needle and various nokor needles to treat a larger range of applications from thread veins, wrinkles to ice-peak scars.

BENEFITS OF *New* K3i

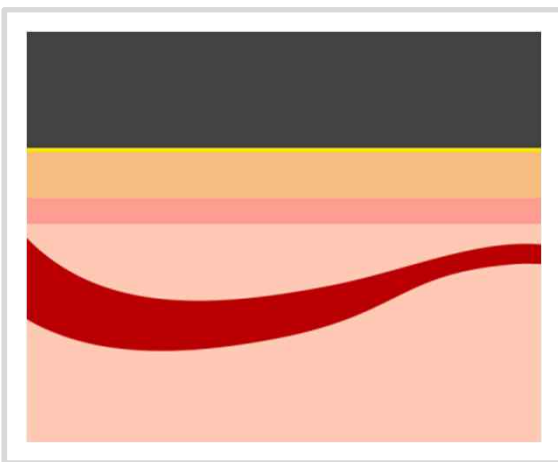


K3i For thread veins

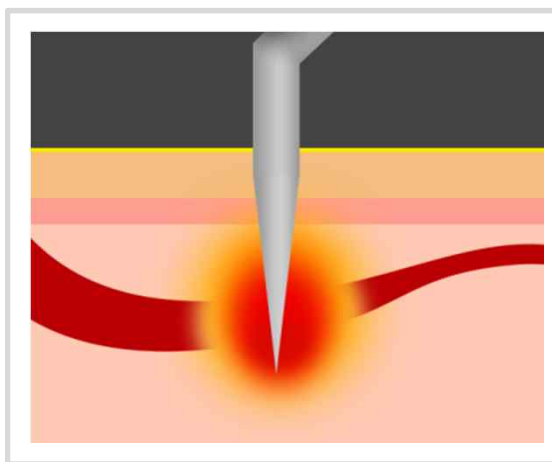


Insulated single electrolysis needle (0.075mm), K3i can treat undesirable thread and spider veins by delivering the heating only to the target vein without risks of damage in the epidermis and surrounding tissue.

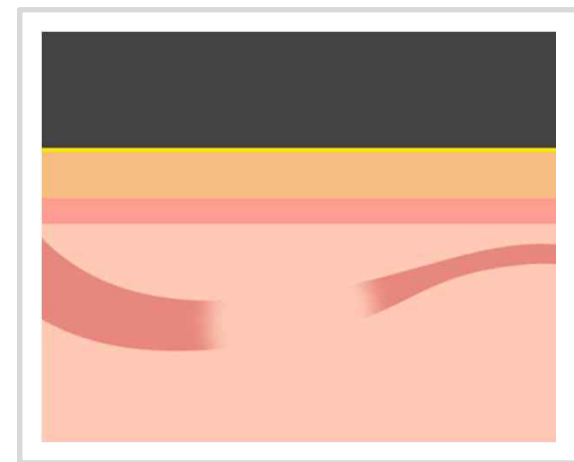
Undesirable veins are closed to the surface of the skin



Insert the end of the single needles into the target area and make it coagulate



Block the blood vessel supplying nutrients and finally the undesirable vein will disappear

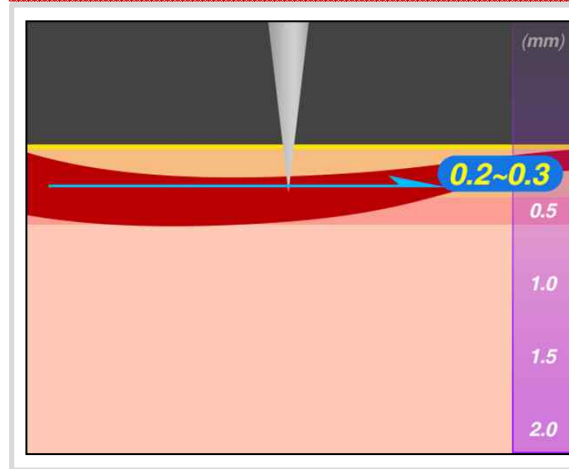


HOW TO USE *New* K3i

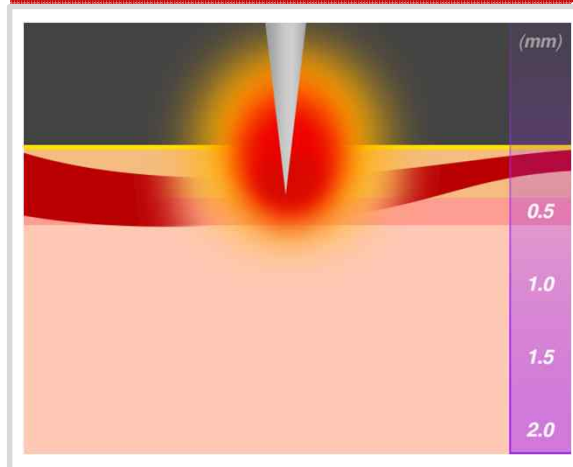
1 Set the intensity to 20% and RF to 30ms in GUI



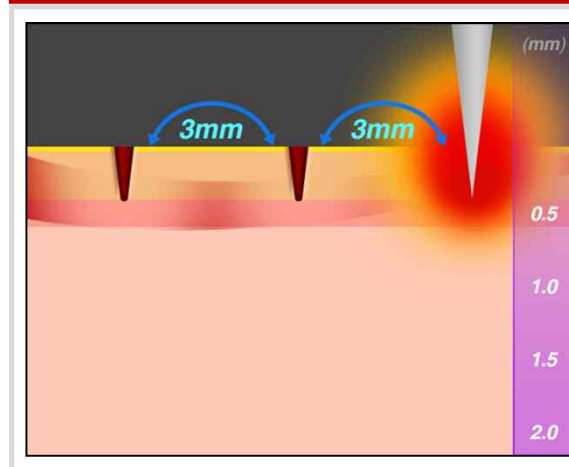
2 The K3i needle is just below the superficial skin.



3 Emit the RF energy shot by shot.



4 Operator emits the RF energy every 3~4mm.



FAQ

How long does a single treatment take?

- Normally one session takes 10 to 15 minutes.

Does it need the anesthesia?

- The patients could experience some minor discomfort during the treatment but we recommend not to be under anesthesia because the thread vein and capillary vessel can be disappeared after anesthesia.

How long does it take to recover after treatment?

- The patient may experience light erythema or fine scab on the treated area in following minutes after treatment. But the fine scabs will disappear in few weeks and the only result is disappearing of treated veins

What is the recommended treatment interval, and total number of sessions required?

- The typical interval between sessions is once every 3~4 weeks .
Depending on the lesion, it could vary but the most patient can see the optimal result after 2~3 sessions.

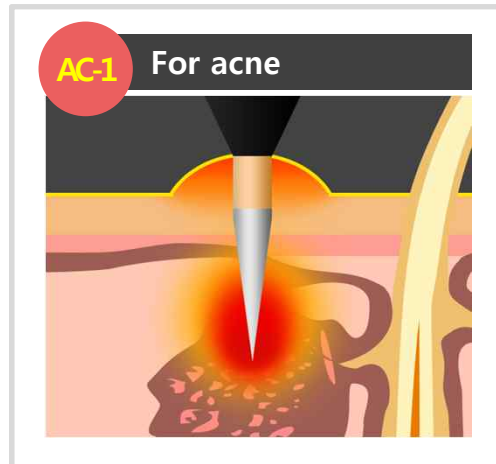
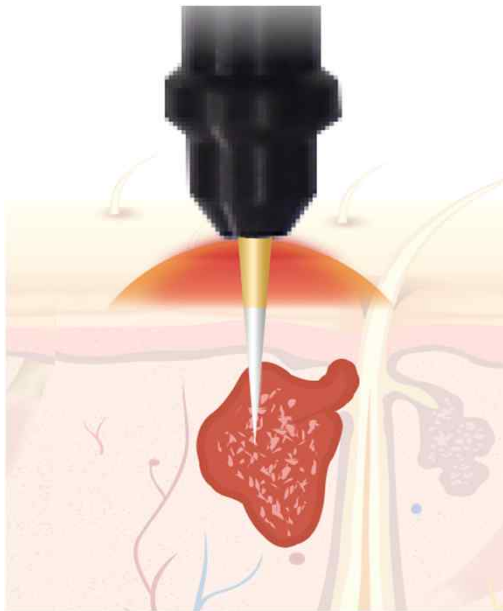
Does it have disposable part?

- The needle is disposable part so it can be used only one time for one patient.

Are there any precautions after treatment?

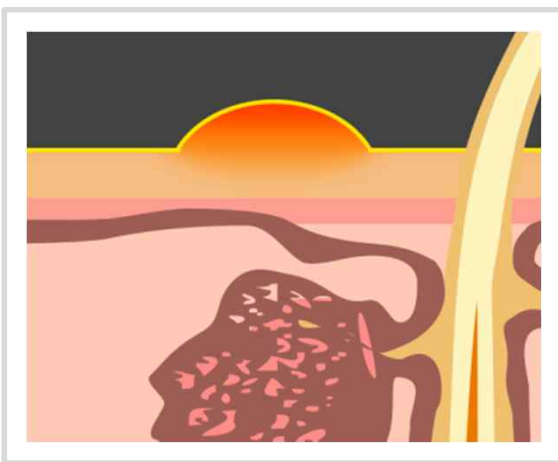
- Do not use the compression bandage.

BENEFITS OF *New* AC-1

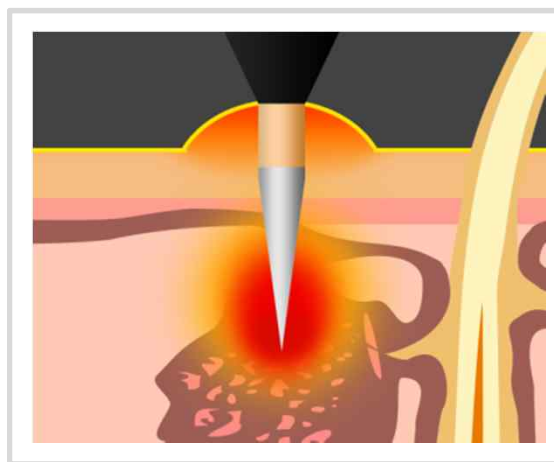


AC-1, insulated single needle is specially designed for treatment of acne and periorbital wrinkle. Its length of 1.5mm and insulated upper area can coagulate the sebaceous glands properly without damaging the epidermal layer.

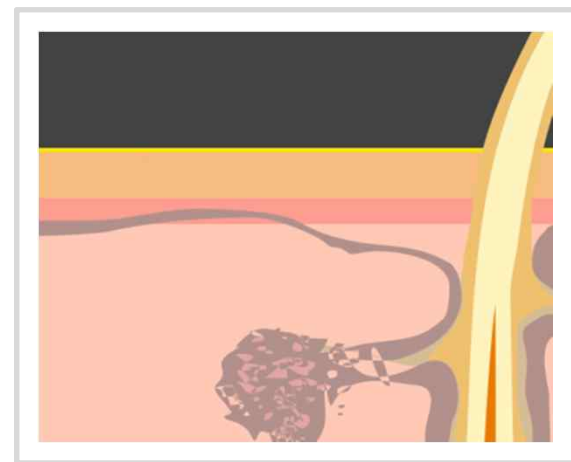
Acne appears and it cause blackheads, whiteheads and pimples etc...



Penetrate the special acne needle and deliver the proper heating into the sebaceous grand



Finally get shrinking the sebaceous glands and improve the condition of acne



HOW TO USE *New* AC-1

Patient should hold the neutral electro during treatment

1



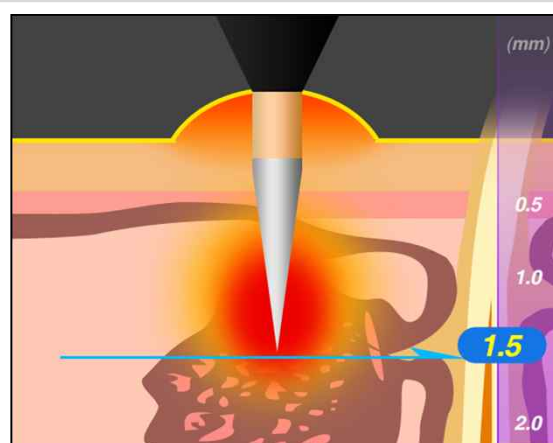
Set the intensity to 20~30% in GUI

2



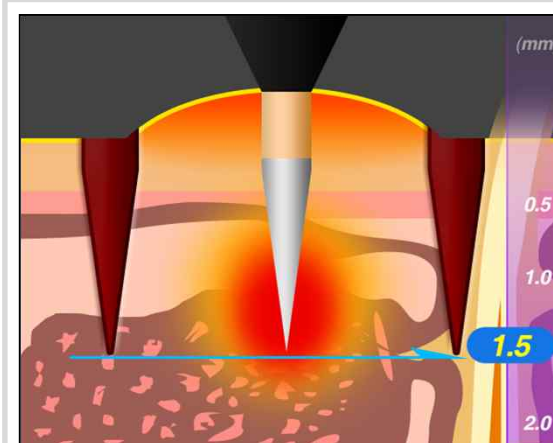
Insert the needle to acne and emit the RF energy shot by shot. In case of the small acne, 1~2 shots are recommendable

3



In case of the big acne, emit the RF energy 4~5 shots including the surrounding acne

4



FAQ

How long does a single treatment take?

- Depending on the number of acne, the treatment time may vary but normally in case of the facial treatment, it takes 10 to 15 minutes. Also it requires 20~30 minutes for anesthesia before treatment. So total treatment time including the anesthesia, treatment and aftercare would be about 1 hour.

Is the treatment painful?

- With the correct application of topical anesthesia, it is virtually painless.

How long does it take to recover after treatment?

- The patient may experience light erythema or fine scab on the treated area in following minutes after treatment. But they will be disappeared in a couple of days

What is the recommended treatment interval, and total number of sessions required?

- The typical interval between sessions is once every 3~4 weeks .
AC-1 can be used for coagulation of sebaceous glands. That's why AC-1 can prevent the recurrence of acne for a long time so it doesn't need to treat several times.

Does it have disposable part?

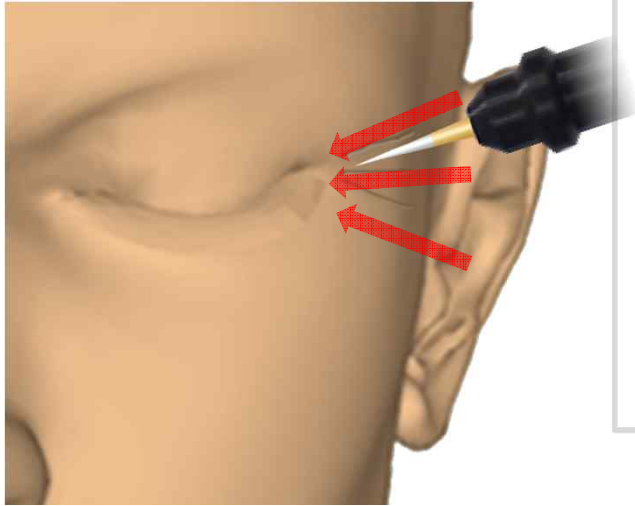
- The needle is disposable part so it can be used only one time for one patient.

Are there any precautions after treatment?

- Depending on the patient type, doctor can describe the medicine such as Doxycycline or Minocycline for 1 week after treatment .

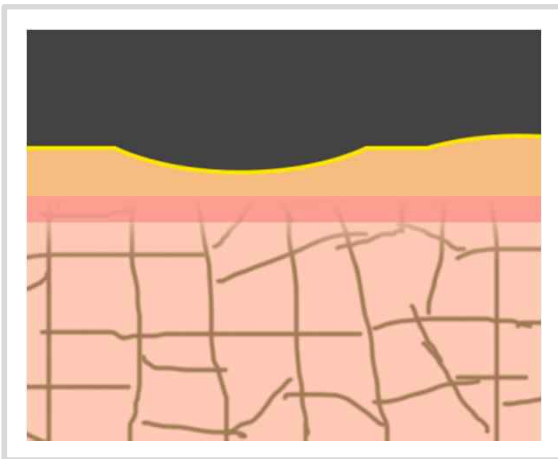
BENEFITS OF *New* AC-1

Undereye wrinkles

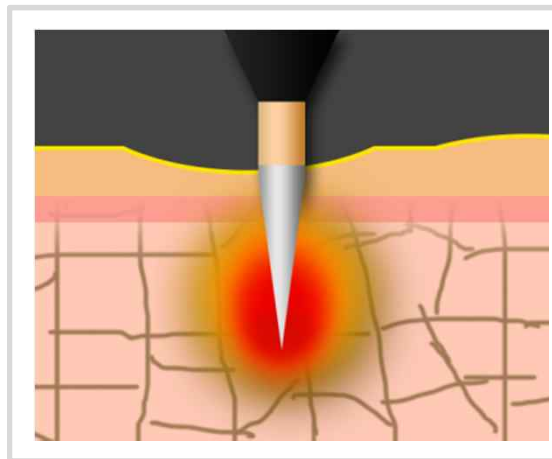


AC-1, insulated single needle will smoothly penetrate in the skin and generate the heating stimulation into the fibroblasts in order to improve wrinkles and skin texture by collagen regeneration and rearrangement.

Wrinkle caused by collapse of collagen



Delivering the thermo-stimulation into fibroblasts in order to create more collagen and elastin



Improvement in wrinkles and skin texture by collagen regeneration and rearrangement



HOW TO USE *New* AC-1

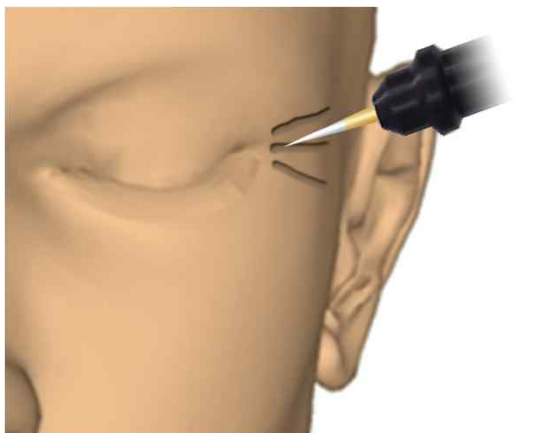
1 The patient should hold the neutral electro during treatment.



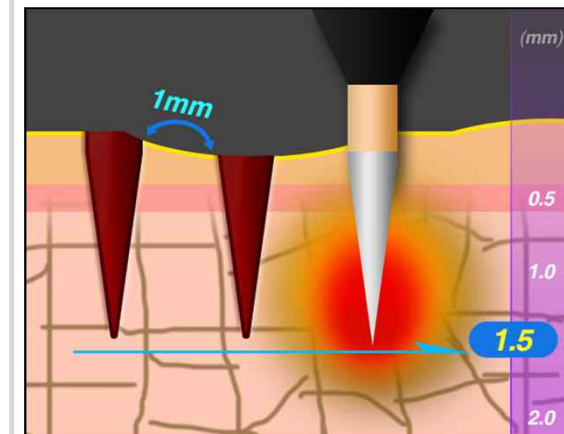
2 Set the intensity to 20~30% in GUI



3 Giving small pressure, insert needle vertically up to 1.5mm.



4 Emit the RF energy 1mm apart following the wrinkle line



FAQ

How long does a single treatment take?

- Depending on the patients, the treatment time could be vary but normally in case of the facial treatment, it takes 10 to 15 minutes and it requires 20~30 minutes for anesthesia before treatment. So total treatment time including the anesthesia, treatment and aftercare would be about 1 hour.

Is the treatment painful?

- With the correct application of topical anesthesia, it is virtually painless.

How long does it take to recover after treatment?

- The patient may experience the fine scab on the treated area in following days (2~3 days after treatment) but it will be disappeared naturally. Do not force to peel away the scab.

What is the recommended treatment interval, and total number of sessions required?

- The typical interval between sessions is once every 1 month.
Depending on the patient type and skin condition, the total session number may vary.
Usually we recommend 2~3 session for optimal result.

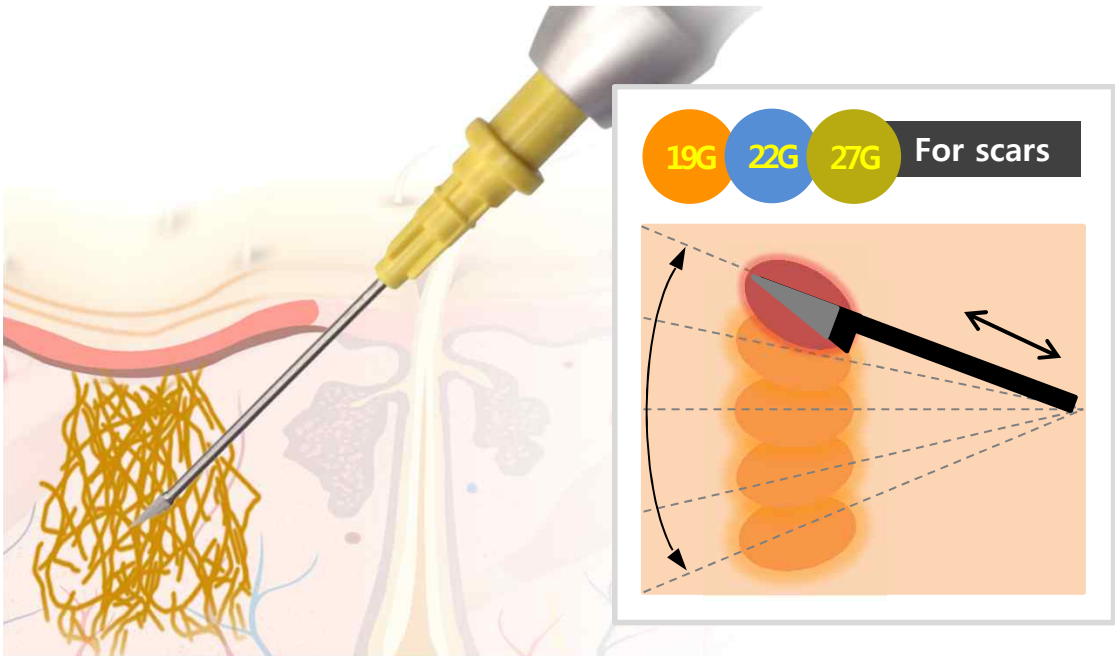
Does it have disposable part?

- The needle is disposable part so it can be used only one time for one patient.

Are there any precautions after treatment?

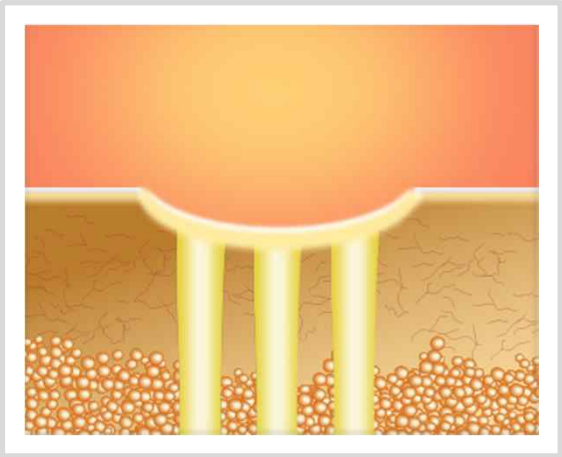
- Sunblock should be applied every 2~3 hour and we recommend to apply enough moisture cream on face. Non-smoking, non-drinking and sufficient sleep can be effective.

BENEFITS OF *New* Subcision

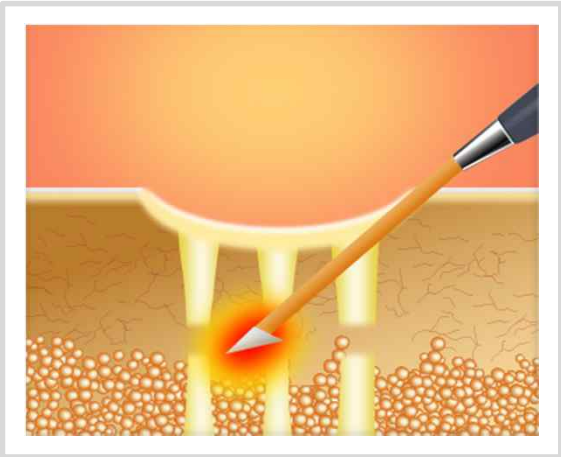


Subcision is one of the most common procedures a dermatologic surgeon performs the treatment for the depress scars caused by inflammatory acne. Its safe and easy technique combined with RF energy provides significant long-term improvement in scars by inserting a needle under the skin that is parallel to the skin surface and moving gently forth and back with RF thermo-coagulation between the dermis and subcutaneous tissue.

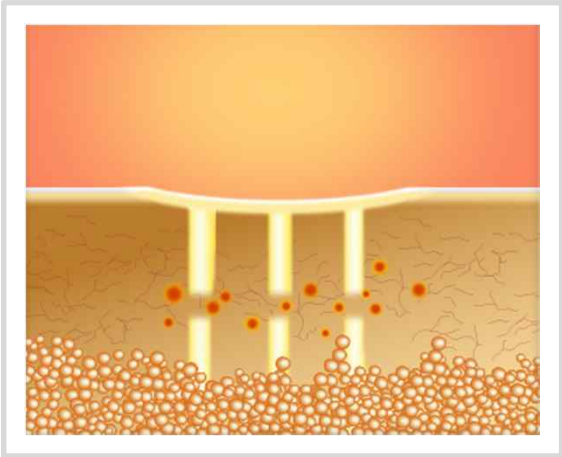
Depressed scars caused by inflammatory acne



Insert a nokor needle into the deep dermis under the scar and emits the RF energy shot by shot



Releasing / breaking up fibrous bands at dermal leads to improve the scar by rearrangement



HOW TO USE *New* Subcision

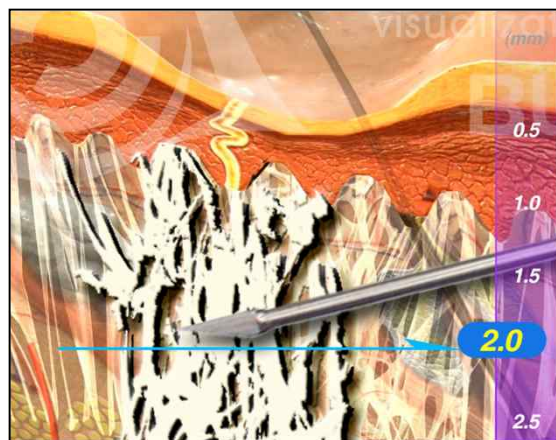
The patient should hold the neutral electro during treatment. **1**



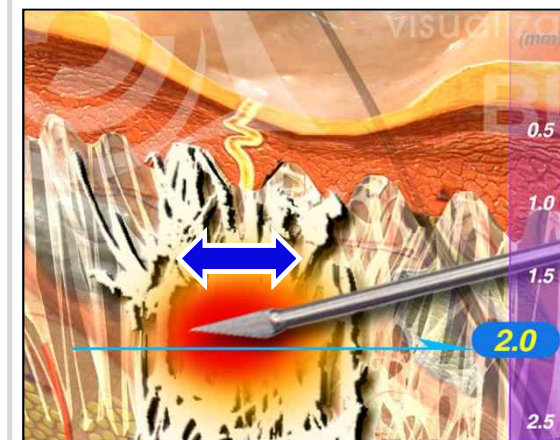
Set the intensity to 10% in GUI. **2**



Insert the needle horizontally up to the below of dermal subcutaneous plane **3**

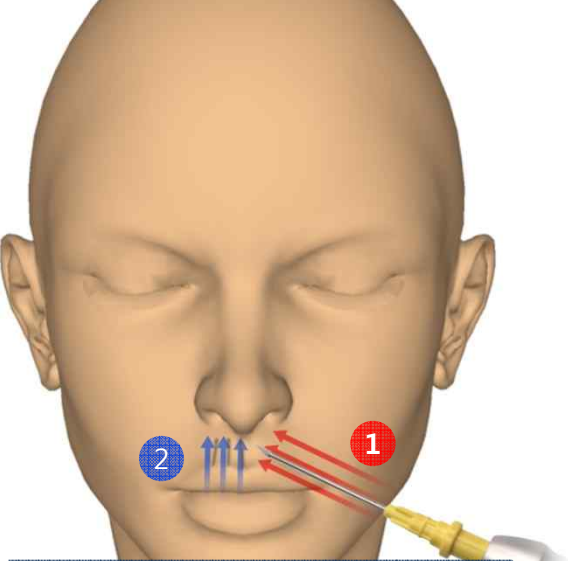


Move the needle back and forth under the scar in order to release the fibrous band. **4**



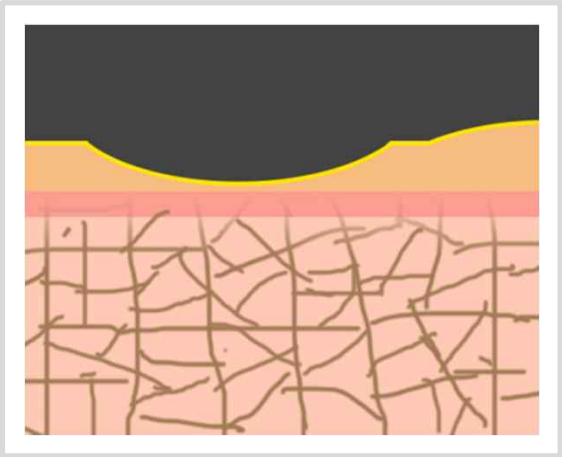
BENEFITS OF *New* Subcision

Nasolabial fold

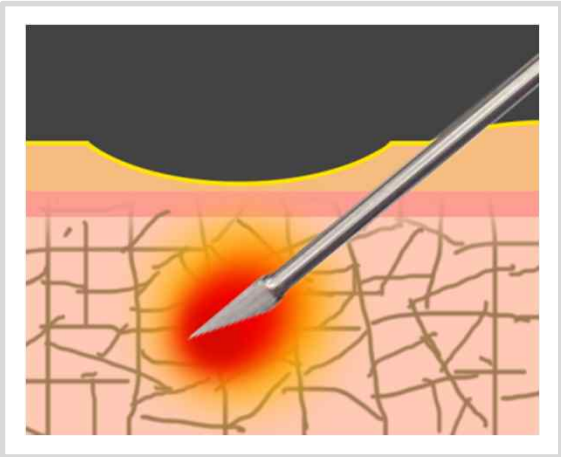


Subcision technique can be safely used to improve the nasolabial fold commonly known as smile lines. Simply insert the 27G nokor needle under the skin that is parallel to the wrinkle line and emit each thermo-coagulation about 1 mm apart in order to stimulate the fibroblasts and finally improve the wrinkles by collagen rearrangement.

Wrinkle caused by collapse of collagen



Penetrate a 27G nokor needle into the skin and emit the RF energy to stimulate fibroblasts



Improvement in wrinkles and skin texture by collagen regeneration and rearrangement



HOW TO USE *New* AC-1

1 The patient should hold the neutral electro during treatment.



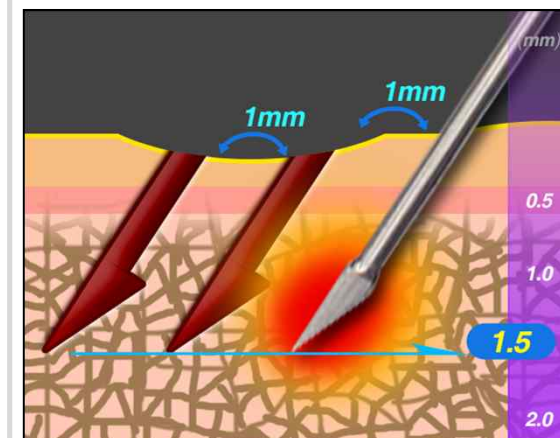
2 Set the intensity to 10% in GUI.



3 Insert the needle horizontally following the wrinkle line.



4 Emit the RF energy apart 1 mm following the wrinkle line.



FAQ

How long does a single treatment take?

- Depending on the patients, the treatment time could be different but normally it takes 5~10 minutes each scar and it requires 20~30 minutes for local anesthesia before treatment. So total treatment time including the anesthesia, treatment and aftercare would be about 1 hour.

Is the treatment painful?

- With the correct application of topical anesthesia, it is virtually painless. / minor comfort

How long does it take to recover after treatment?

- The patient may experience light erythema or bruise but bruise will disappear in following 1 week after treatment.

What is the recommended treatment interval, and total number of sessions required?

- The typical interval between sessions is once every 1~2 month and recommendable total number of session is 1~3 times.

Does it have disposable part?

- The needle is disposable part so it can be used only one time for one patient.

Are there any precautions after treatment?

- Apply antibiotic cream on the treated area and put the pressure hand.

COMMON CAUTION

! Be careful during treatment

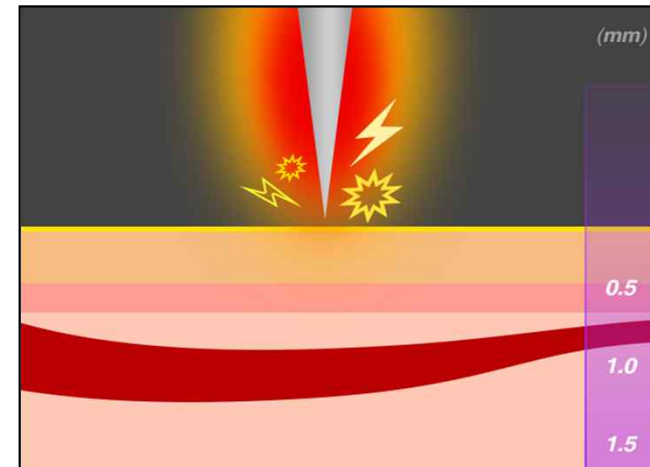
√ Continuous irradiation.

For every treatment by Smartcure, we recommend to emit the energy shot by shot and do not emit the energy overlapping to same area.
The RF energy continues emitting while the foot switch is pushed so please be cautious about the continuous irradiation during treatment.



√ Unexpected damage

Take out the inserted needle tip in unpressed foot switch in order to stop emitting the energy to surface of the skin and avoid unexpected damage on the skin.



TECHNICAL SPECIFICATION

Model	SECRET, MICRO-NEEDLE FRACTIONAL RF SYSTEM		
Applied Energy	Micro-needle electrode	Intensity	0 - 100 step, 10 step adjustable
		Radio Frequency	2MHz ± 20%
		Max. Power	20W
	Mono polar electrode	Intensity	0 – 100 step, 1 step adjustable
		Radio Frequency	2MHz
		Max. Power	50W
Operating Mode	Micro-needle electrode	Single, 0.2s, 0.5s, 1s, 2s	
	Mono polar electrode	Continuous wave	
Micro-needle Composition	Needle Thickness	0.3mm	
	Disposable needle tip Metrix	25 electrode needles (5x5), standard	
		10 electrode needles , optional single raw type	
	Treatment area	1cm x 1cm	
	Adjustable depth	0.5 ~ 3.5mm	
	Treatment Duration (RF emission)	50ms – 950ms	
MONO Polar RF	Round electrode	Φ15	
Operating method	Foot switch		
Display	10.4" color TFT LCD Panel (800*600)		
Dimension	(W)180 x (D)460 x (H)1,100mm		
Weight	30kgs		
Rated Voltage	100-240VAC, 50/60Hz, 220VA under		