

# **Updates for Cellec and IntraGen**

**Acne and Lifting treatment**

**Jeisys User Workshop**

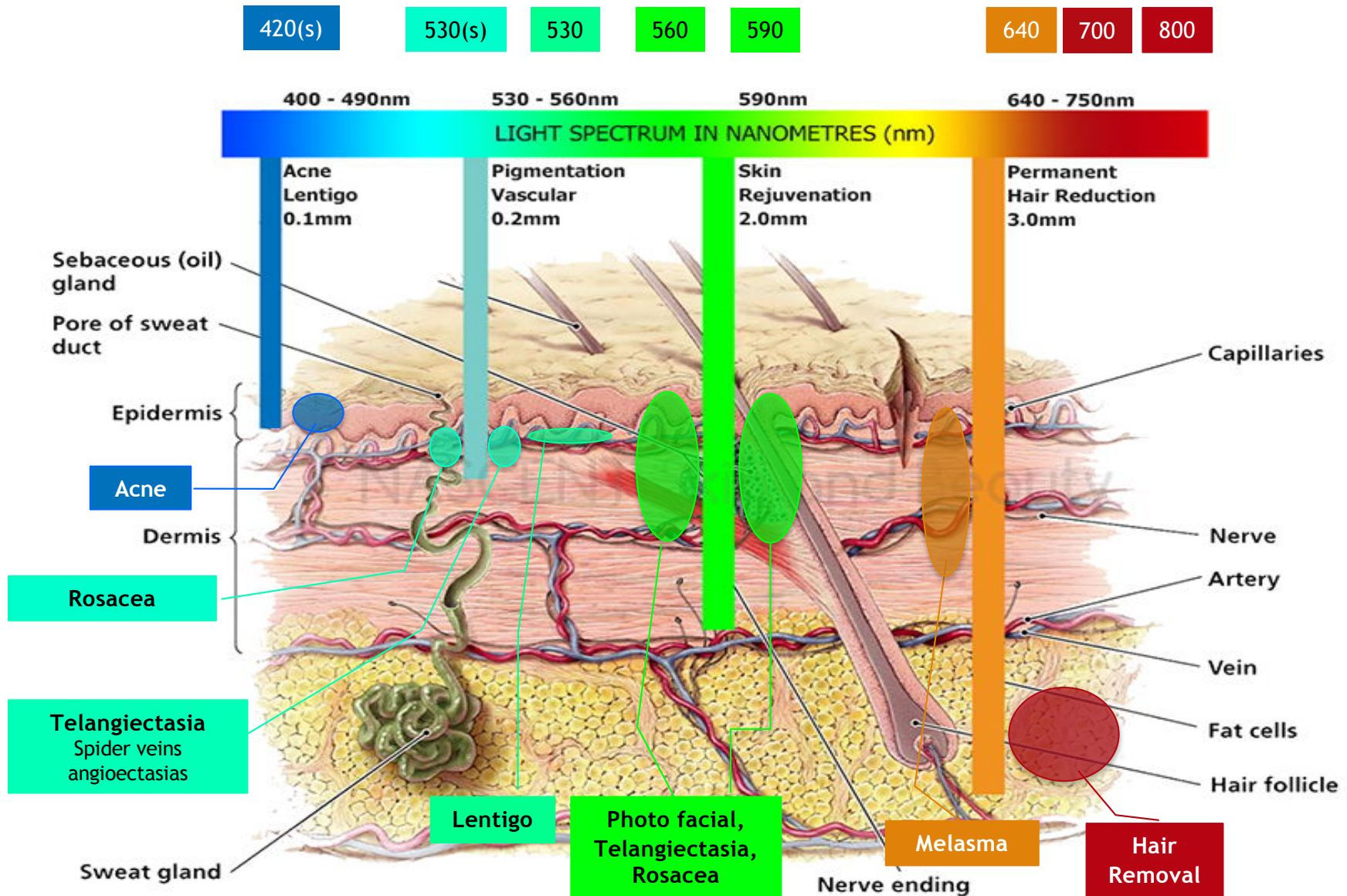


# cellec™

SOLUTION

**Control your light, with 8 filters.**

# Filtered light penetrate into the skin.



- Photoshower
  - ‘Hold the triggered button, continuous emission’
  - Rapid, and Stable treatment
  - 800 nm filter with Photoshower
    - : give enough heat to Dermis level
    - ; “skin-tightening”
- Cell-toning
  - Microsecond pulse duration
  - 560 filter; melasma treatment with less PIH



# Photo-Shower Mode

cellec™  
SOLUTION

30, Female



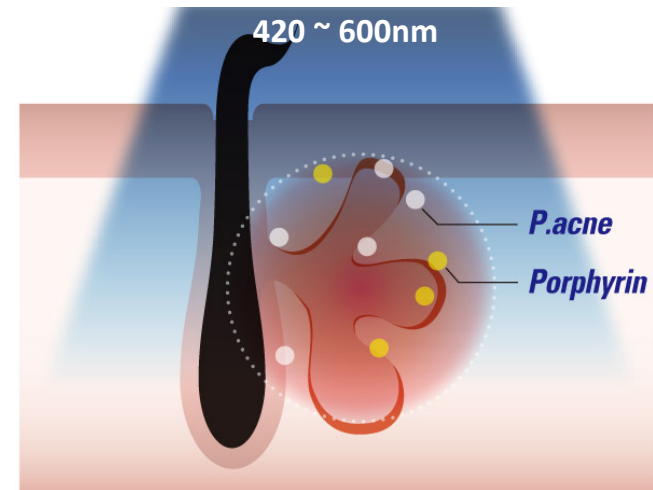
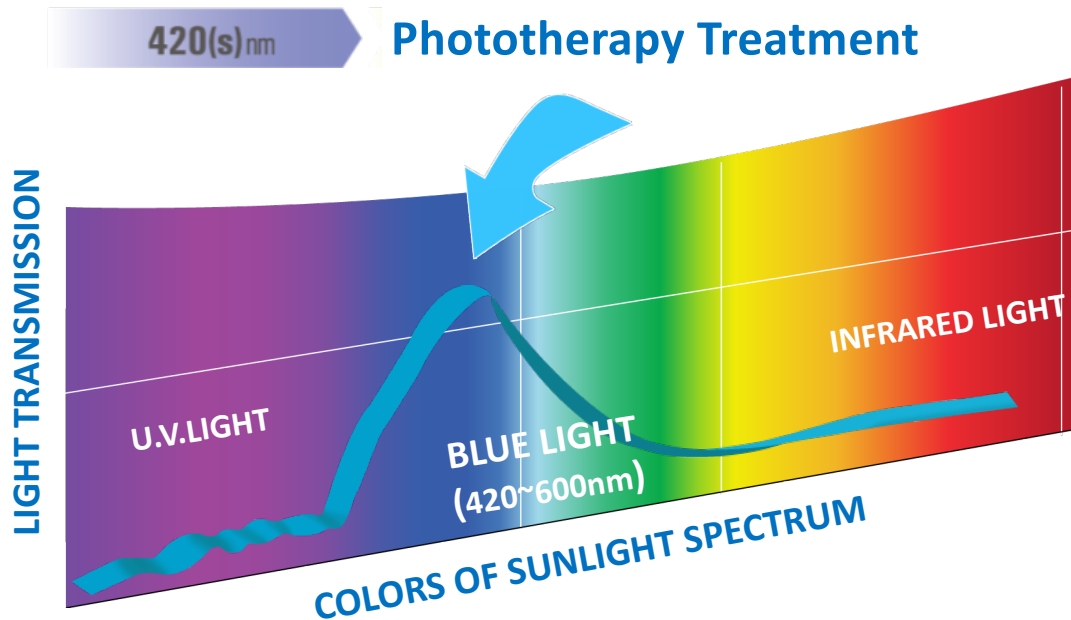
Before Treatment

Before 2<sup>nd</sup> Treatment

# Blue Filter (Photo Shower)

## Celtec PDT by Photo Shower

- Absorption rate of Porphyrin is high at 420nm which is suitable to treat acne.
- After absorbs photo-sensitizer such as ALA, uses short time irradiation to activate photo-sensitizer
  - Short treatment with maximized efficacy by couple of tens of pulses within 1minute
  - 420(s)nm for 1treatment improves acne and redness of acne



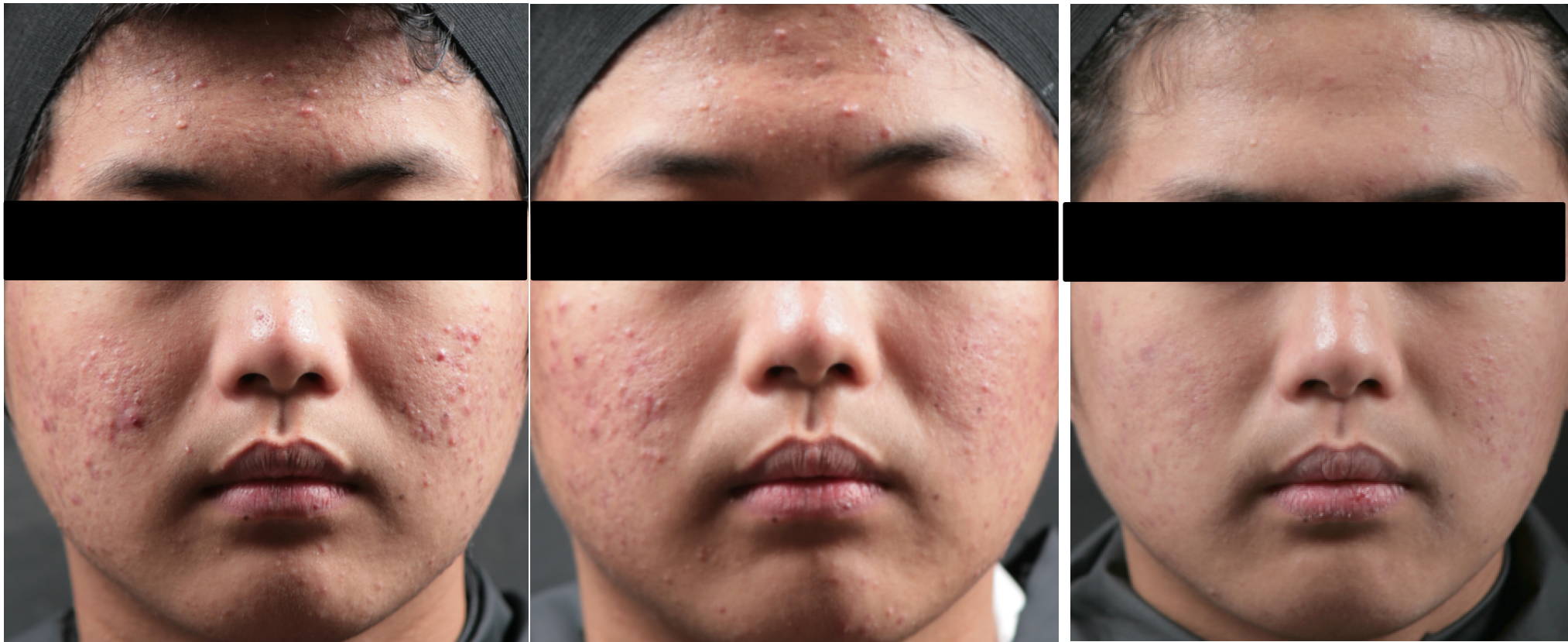
420nm Cut-off Filter reacts with Porphyrin which made by bacteria enducing acne, then it forms Singlet oxygen and kills the bacteria.

# Blue Filter (Photo Shower)

cellec™  
SOLUTION

## Cellec PDT by Photo Shower

16, Male  
420(s)nm, 4Hz, 3J



Before Treatment

Before 2<sup>nd</sup> Treatment

Before 3<sup>rd</sup> Treatment

# Blue Filter (Photo Shower)

## Celtec PDT by Photo Shower

Female

420(s)nm, 4Hz, 3J + 530(s), PD&DT 2.4(20)4.4, 10J



Before Treatment



After Treatment

# Acne Red Mark & Flushing

cellec™  
SOLUTION

*Dr. Je Hyeuk Lee, Yonsei Bom Clinic*



Rosacea 2 530(S) 3.0(20.0)5.0 20J(22J) Cheek, Brow  
F.Telangi 560 10.0 (0.0) 29J X2P Cheek  
Acne 1-2 420(S) 11J X 1P

# IntraGen™

Anti-Aging System;  
Collagen Remodeling System  
for Maximized Elasticity using RF Perming



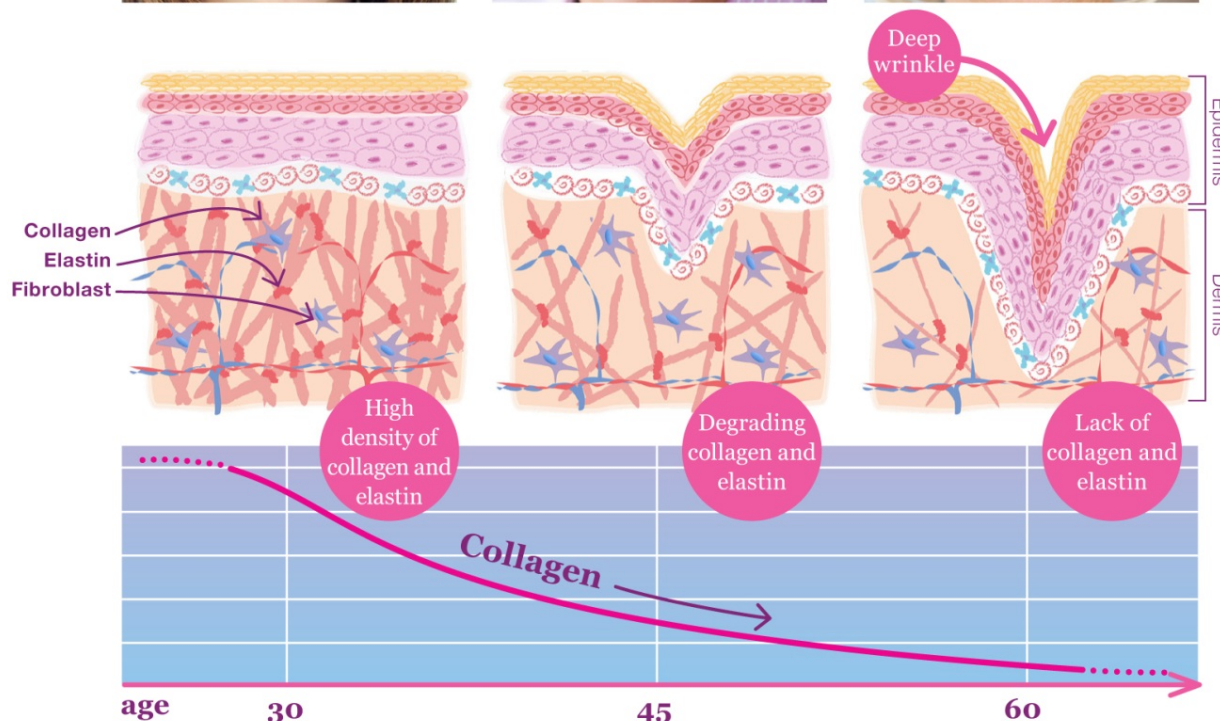
Jeisys



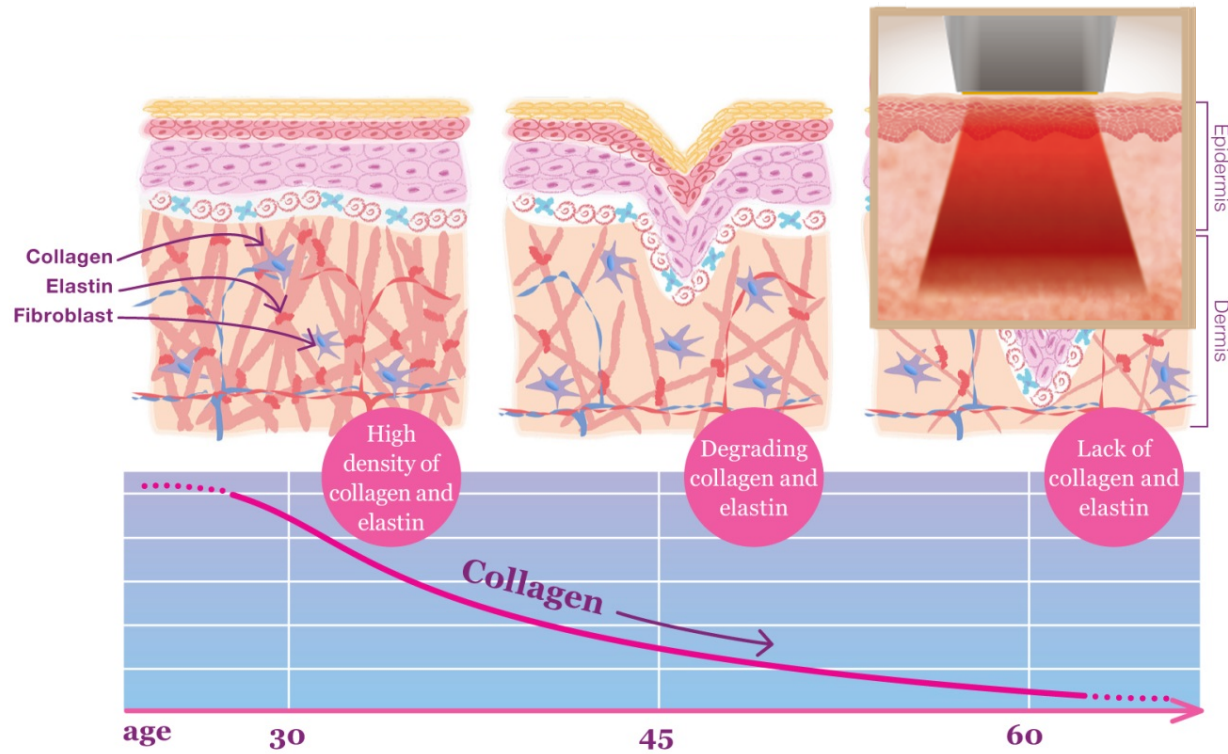
# Anti-Aging System; Collagen Remodeling System

for Maximized Elasticity using DE Remineralization

- How a
- With / hence

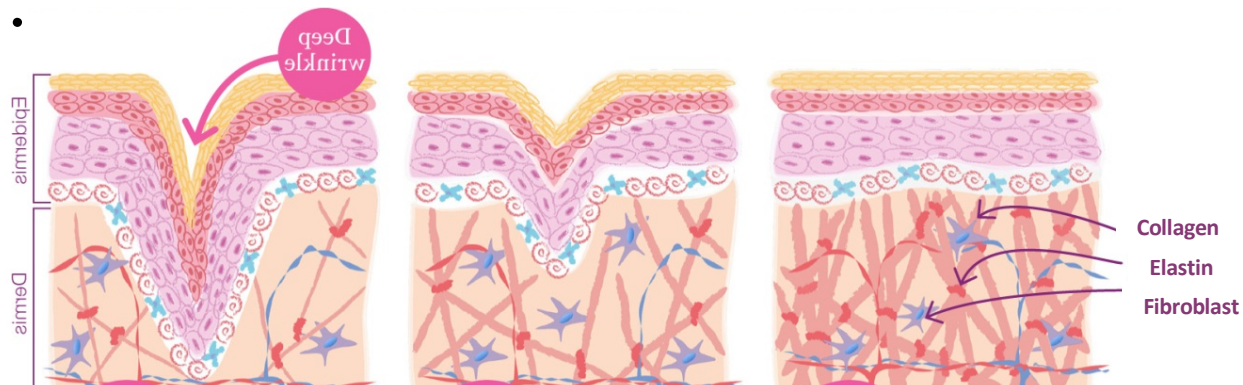


# Aging...



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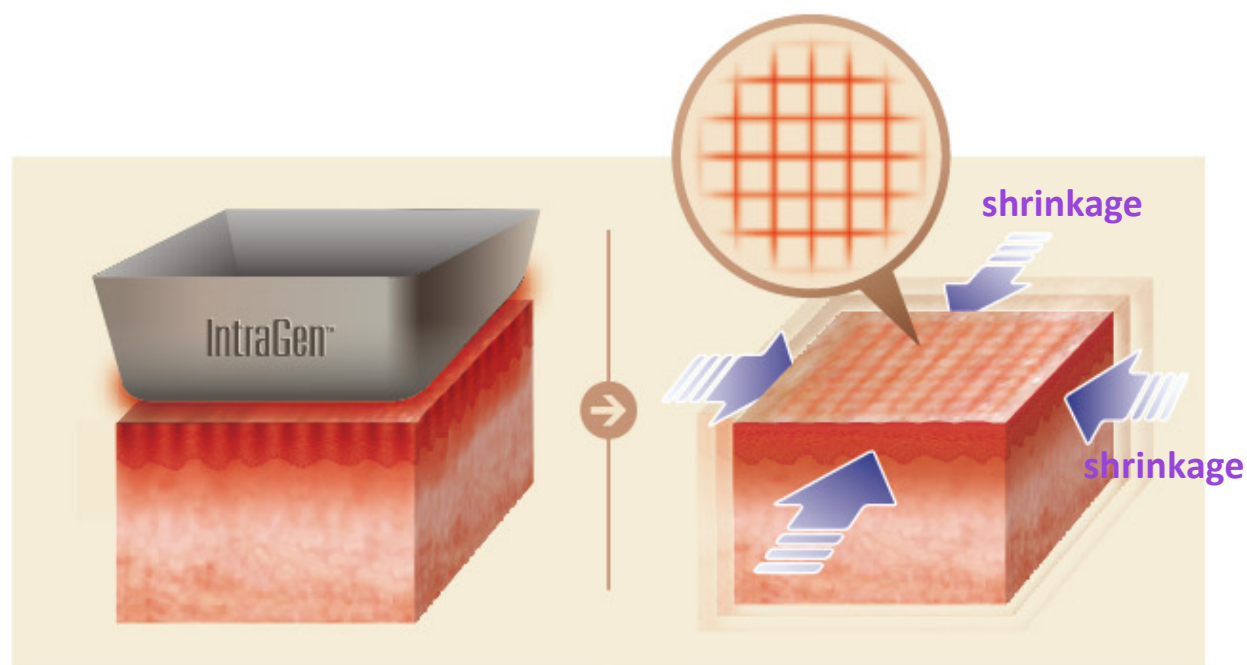
# Anti-Aging...



# Feature I. Grid-RF™ Technology

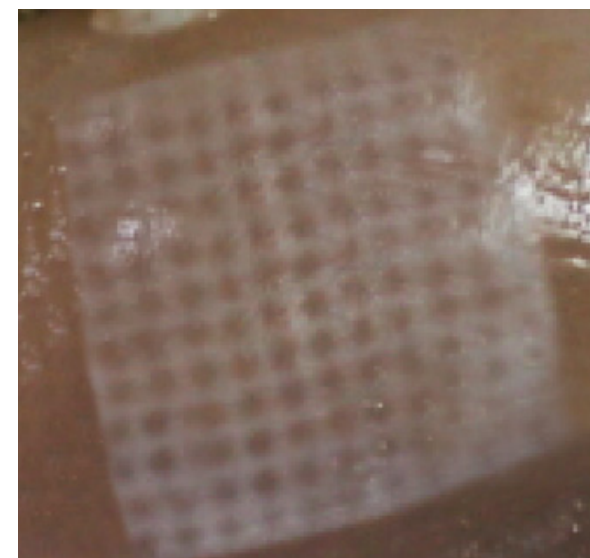
- **GFR™ (Grid Fractional Radio frequency™)**

**Grid fractional radio frequency energy** creates thermal grid shapes on epidermis and thermal uniform zone in upper dermis during RF emission.



RF Emission

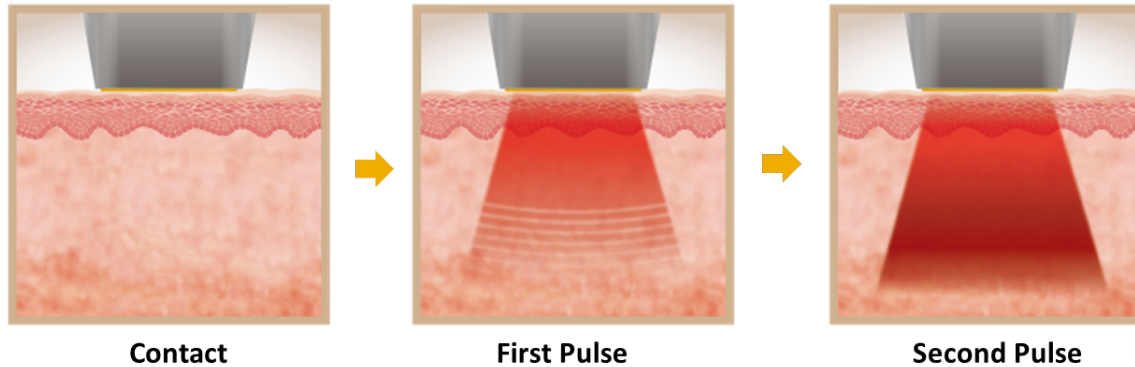
Grid shaped heating on Epidermis  
Thermal uniform zone in upper dermis



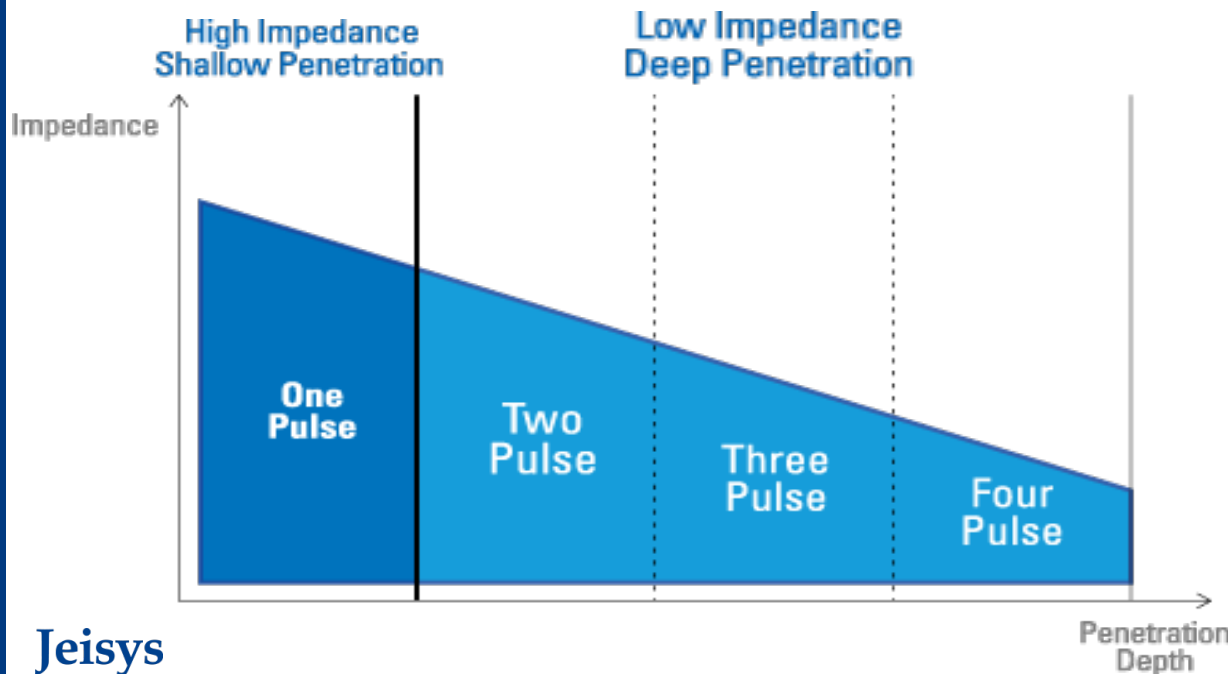
test on Chicken breast

## Feature II. Multi - pulses

- Multi-pulse targets deeper area.

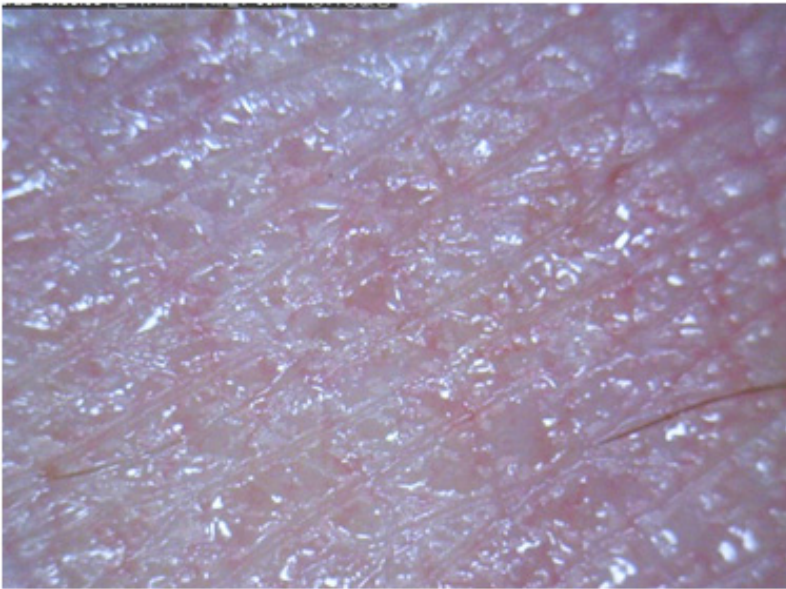


- As the temperature is higher, the impedance is lower. (Impedance is changed by 2% per every 1 °C.)
- As the impedance is lower, more heat is delivered into the tissue more deeply. (W=V<sup>2</sup>/R, W=Watt, V=Voltage, R=Resistance)
- The second pulse concentrates at the part that gets weak resistance after being heated up and the temperature of the area rises by the radio waves. Therefore, the energy penetrates deep into the skin.

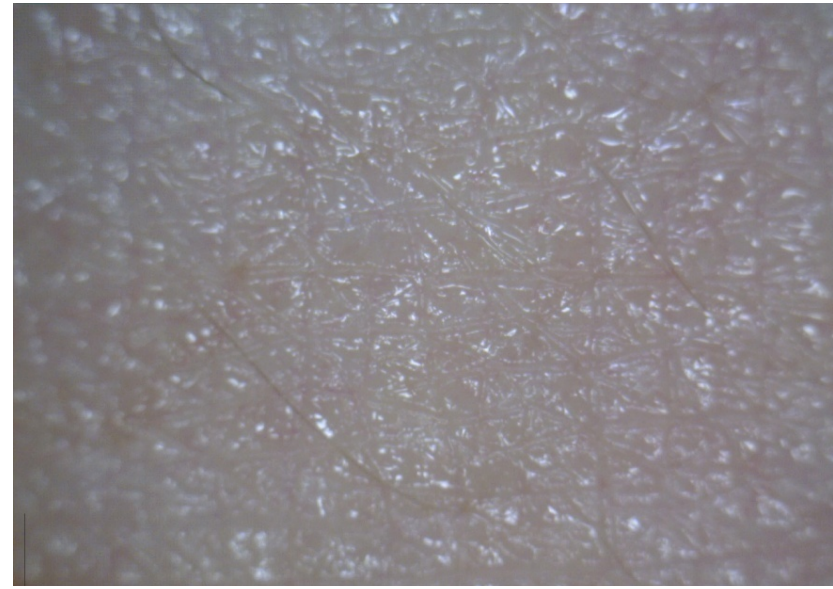


## Feature III. Real-time Impedance Feedback system

- Experiments in Same energy level



LOW Impedance ( $100\Omega$ ) => High thermal energy

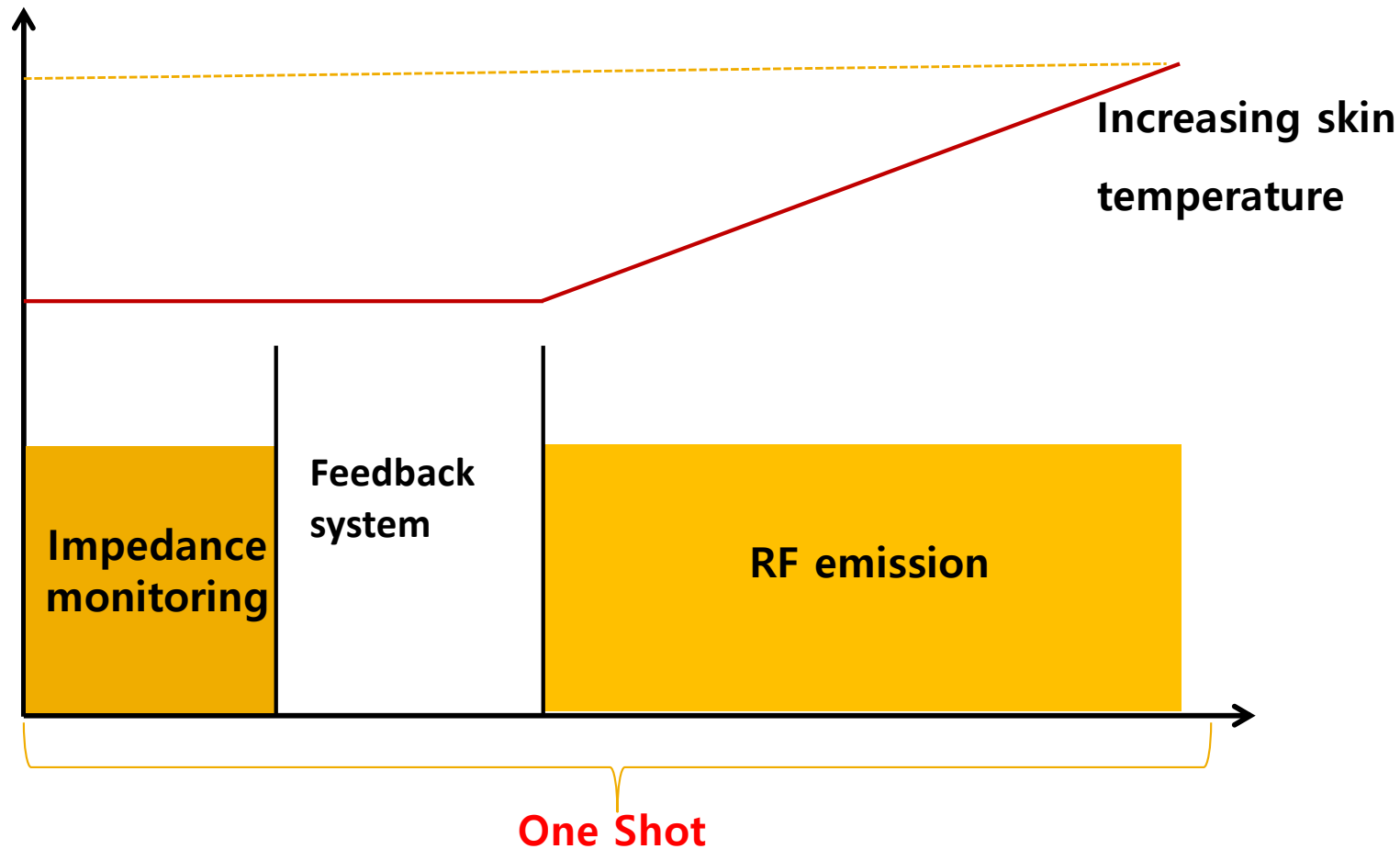


HIGH Impedance ( $200\Omega$ ) => Low thermal energy

- ✓ Thermal energy is varied by impedance value.
- ✓ In high impedance, thermal energy is low because the current is not properly flowing in the skin
- ✓ Different thermal energy by impedance makes different clinical result.

## Feature III. Real-time Impedance Feedback System

- Appropriate energy to heat dermal area is emitting with real time impedance checking.

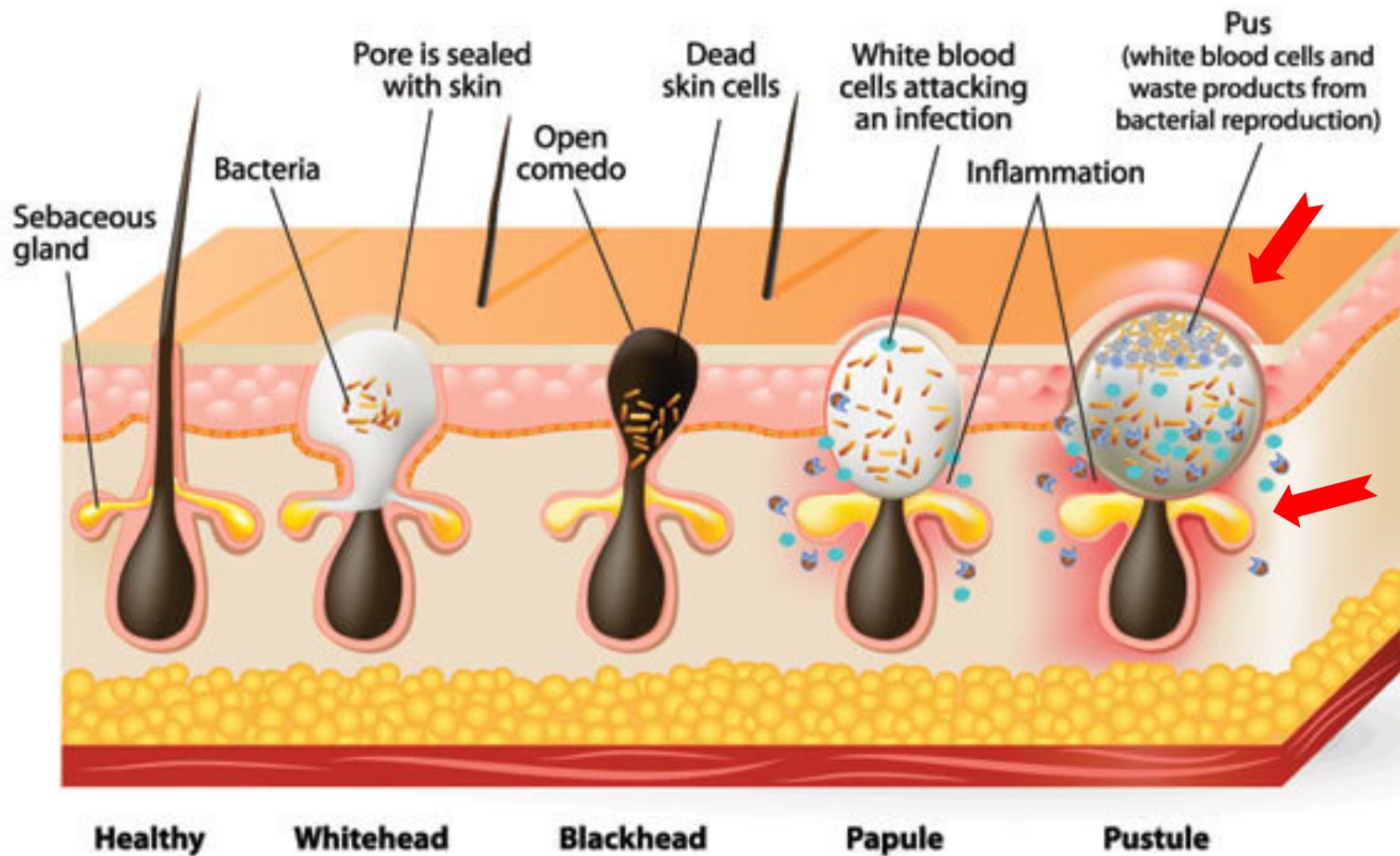


# Combination Treatment

Acne

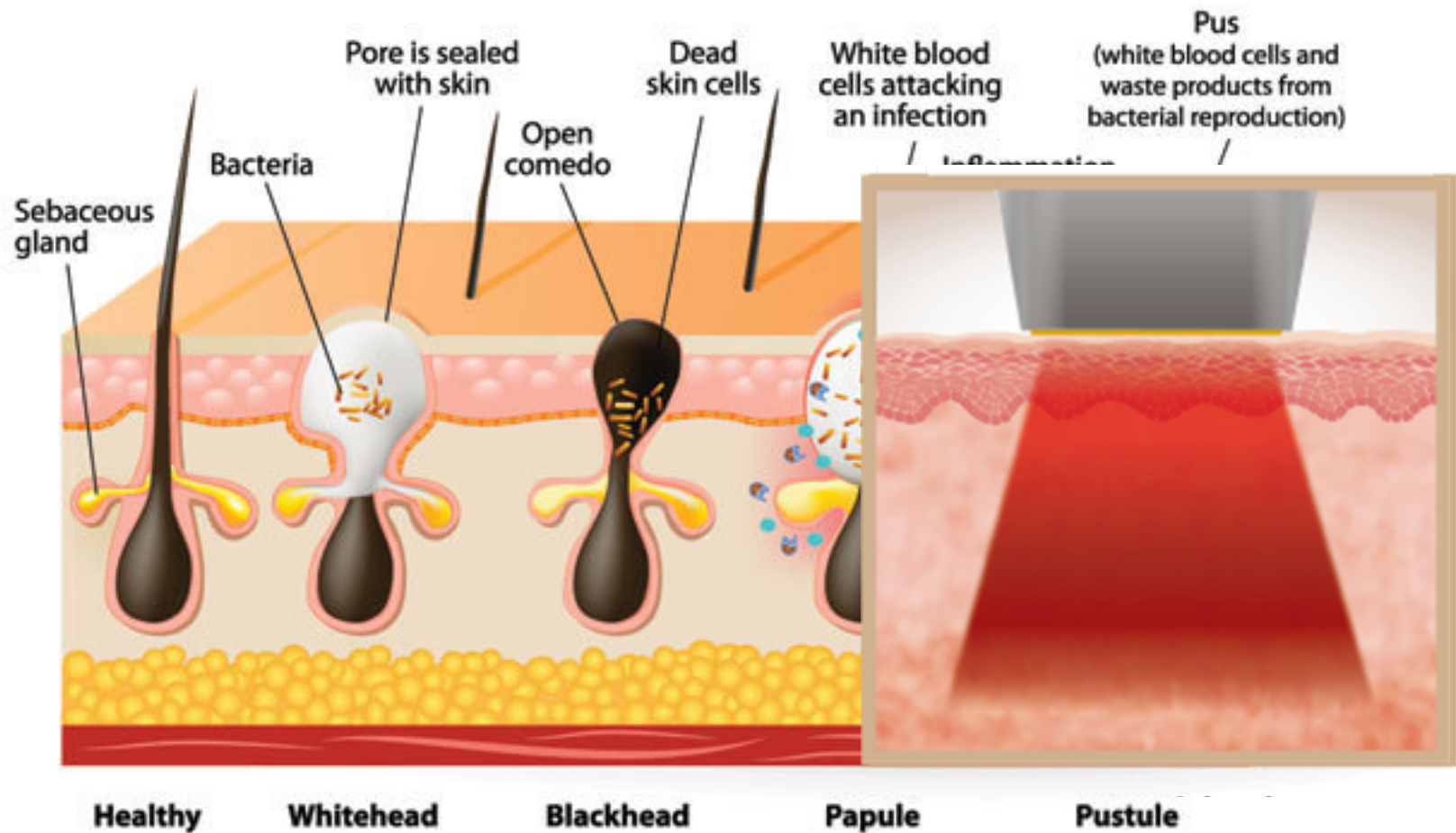
# Acne Combination Treatment

- IntraGen → Cellec → IntraGen → Cellec → ...
- Weekly, 12 sessions, 3 Mo / IntraGen 6 sessions + Cellec 6 sessions



# Acne Treatment with IntraGen

- IntraGen → Cellec → IntraGen → Cellec → ...
- Weekly, 12 sessions, 3 Mo / IntraGen 6 sessions + Cellec 6 sessions
- Reduction for sebum production



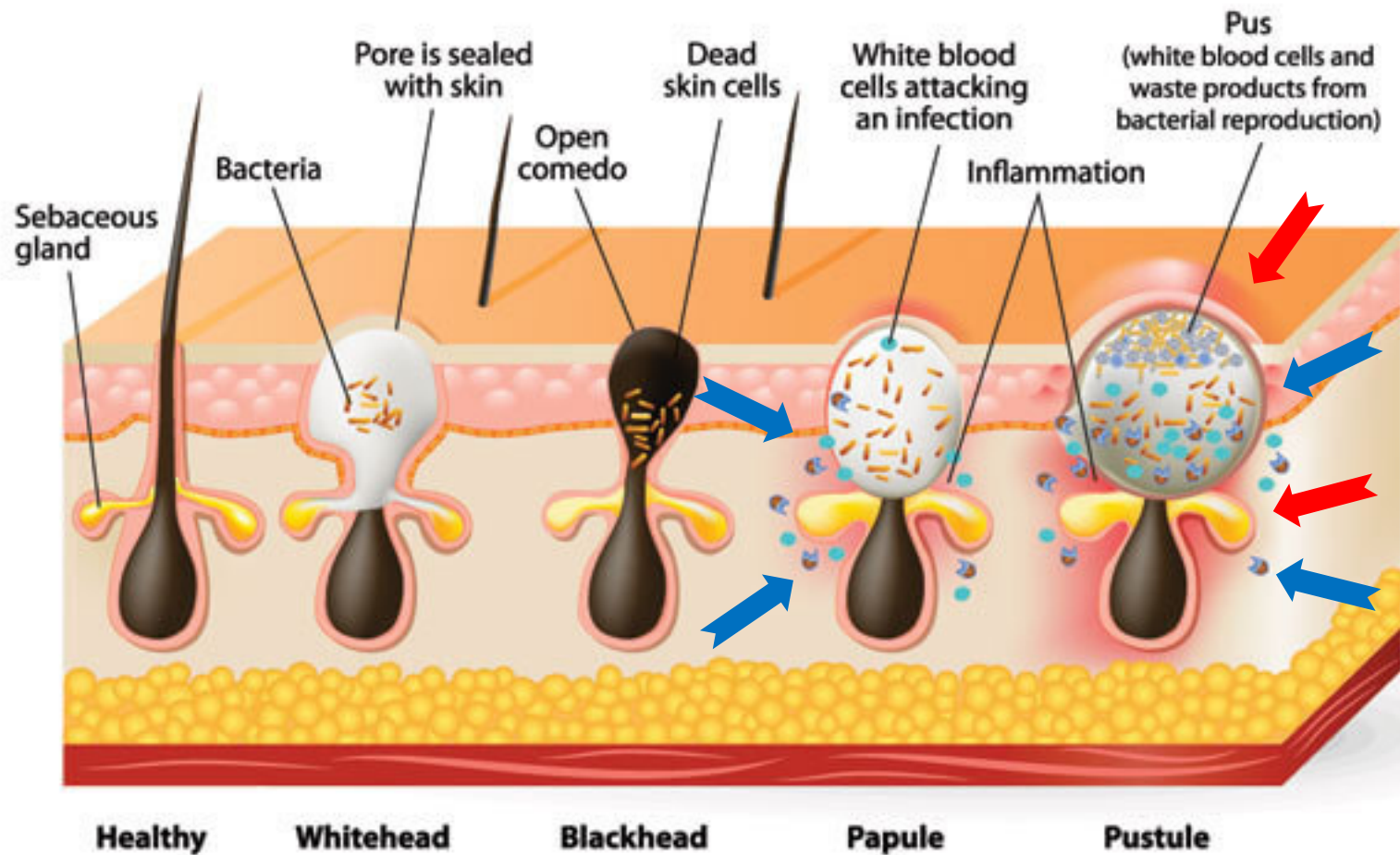
# IntraGen Parameter for Acne

Area	Mode	Energy	Pass
Forehead, Nose, Philtrum	Stamp mode	Lv. 3	2 passes
Cheeks		Lv. 4	2 passes
Forehead, Nose, Philtrum	Sliding mode	Lv. 4	2 passes
Cheeks		Lv. 6	2 passes

- Start with IntraGen
- Every 2 weeks, 6 sessions
- Combine with Cellec 6 sessions
- 12 sessions, 3 Mo (total)

# Acne with Cellec

- For pain care, oral treatment with Acetaminophen (Paracetamol), 30 min before treatment
- 



# Cellec Parameter for Acne

	I ~ II	III	IV	V
Filter	420(s)	420(s)	420(s)	420(s)
Pulse Duration	2.4/4/4	2.4/5.0	2.8/5.4	2.8/5.4
Pulse Delay	20	20	30	40
Fluence(J/cm2)	12	11	10	9

- Apply Gel+Water mixture (1:1), spread with brush, gentle movement with Cellec tips
- Start with IntraGen
- Every 2 weeks, 6 sessions
- Combine with IntraGen 6 sessions
- 12 sessions, 3 Mo (total)

# Another Treatment

Lifting

Wrinkle Care

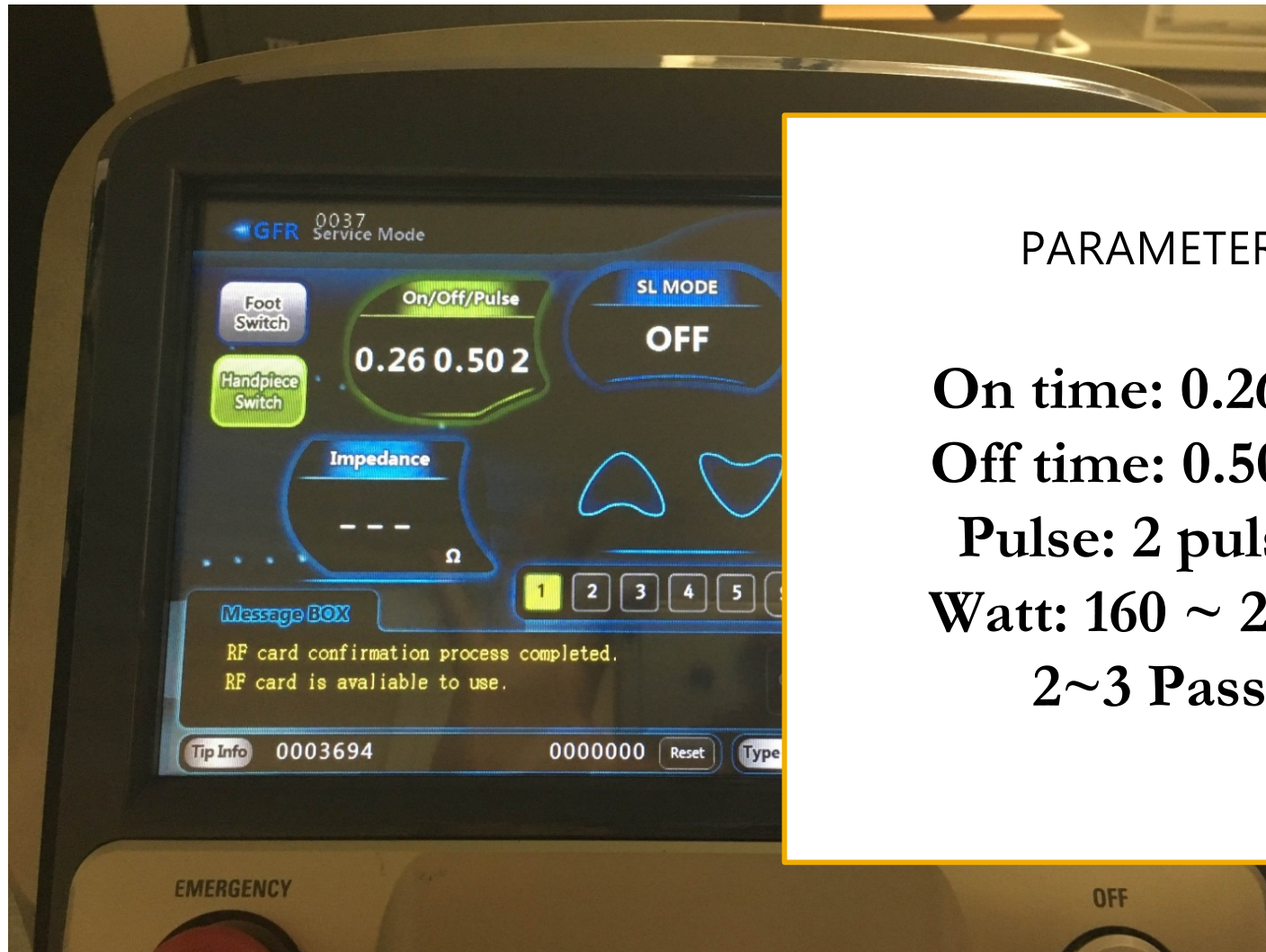
# Stamp / Sliding Mode

# 15mmTIP

- STAMP mode
- SLIDING mode
- Suitable for large area



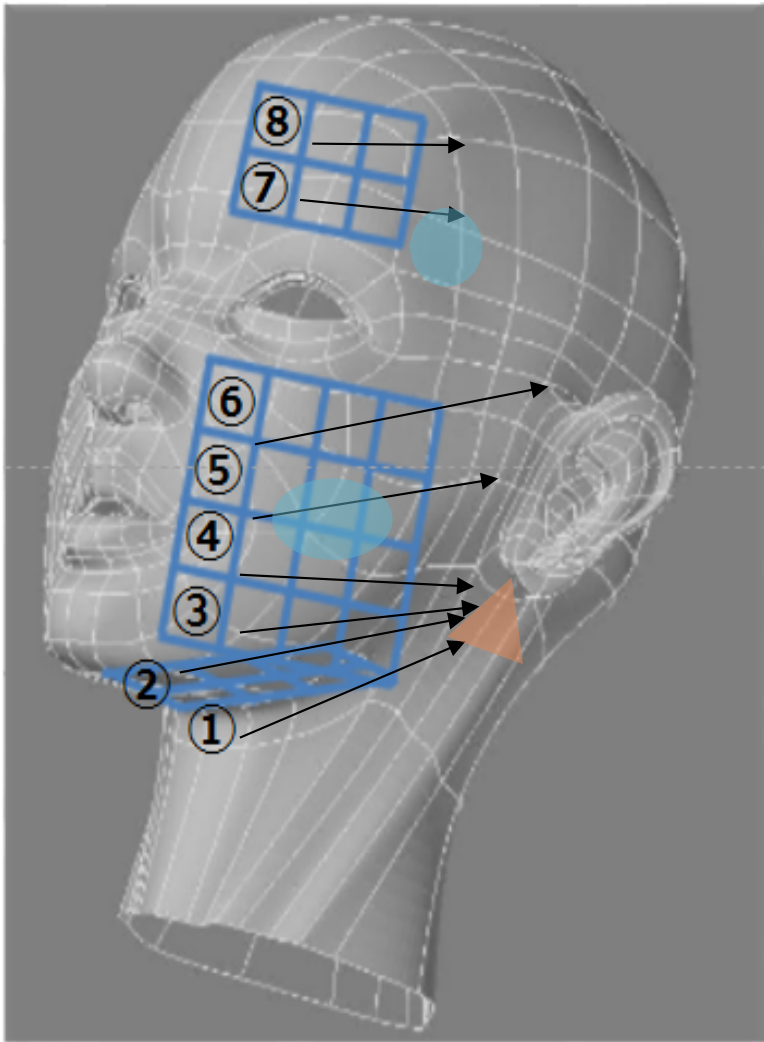
# Stamp Mode



## PARAMETER

**On time: 0.26sec**  
**Off time: 0.50sec**  
**Pulse: 2 pulses**  
**Watt: 160 ~ 200w**  
**2~3 Pass**

# Stamping Mode at FACE



Operation order: ① ~ ⑧  
From central to peripheral

● Centre of cheek, temporal area  
: Require to be careful for denting due to repetitive treatment.

▲ Facial line ~ the root of patient's ears  
: Effective with repetitive 2 ~ 3 passes

# Sliding Mode



## PARAMETER

**On time: 2.00sec**

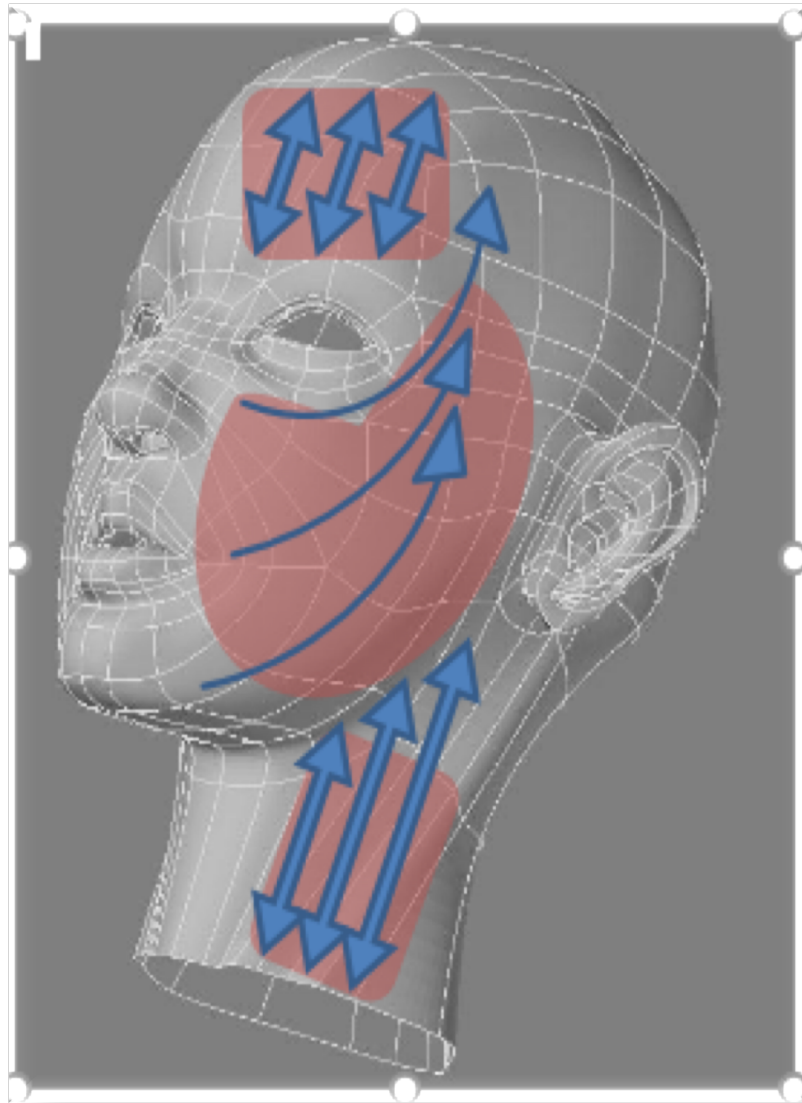
**Off time: 0.00sec**

**Pulse: 4 pulses**

**Watt: 50~80w**

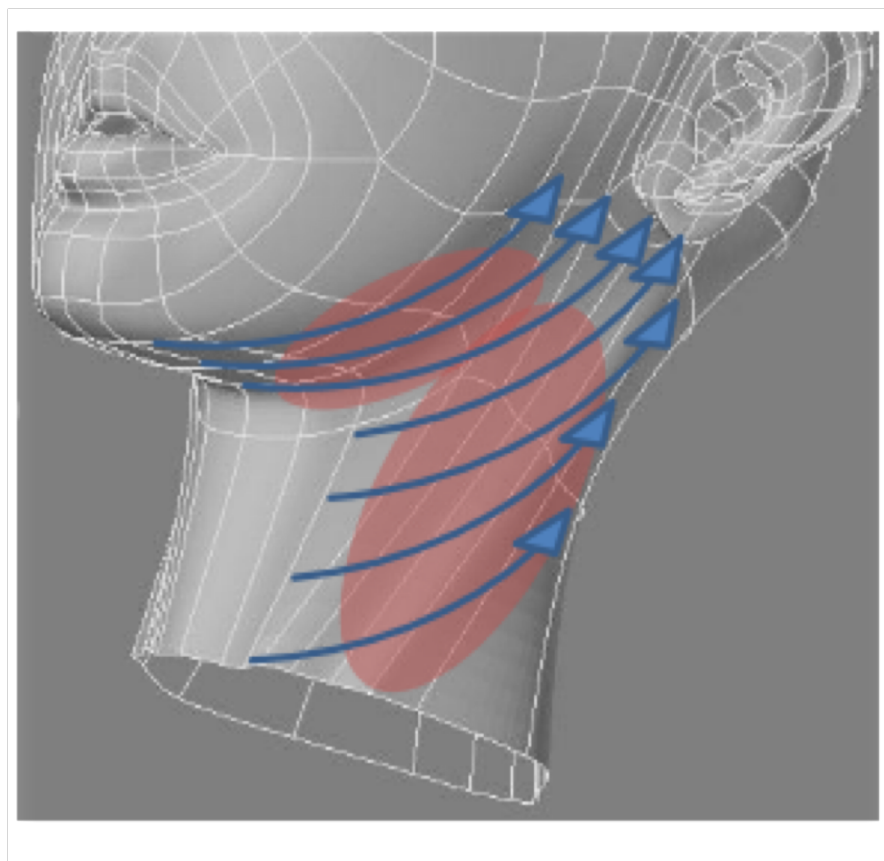
**Shot: 100~200**

**✳️Auto**



- ① Neck: Up/Down sliding
- ② Facial line : from Bottom to Up
- ③ Forehead: Up/Down sliding

**Like as massage but not too push  
for patient comfort.**



① To pull up from neck to facial line

**Suitable for giving higher energy (heat)  
rather than STAMP mode.**

# 7mm TIP

- Stamp mode
- Sliding mode
- Smaller and/or narrower area  
such as nose or eyelid area.



# SLIDE MODE



## PARAMETER

**On time: 2.00sec**

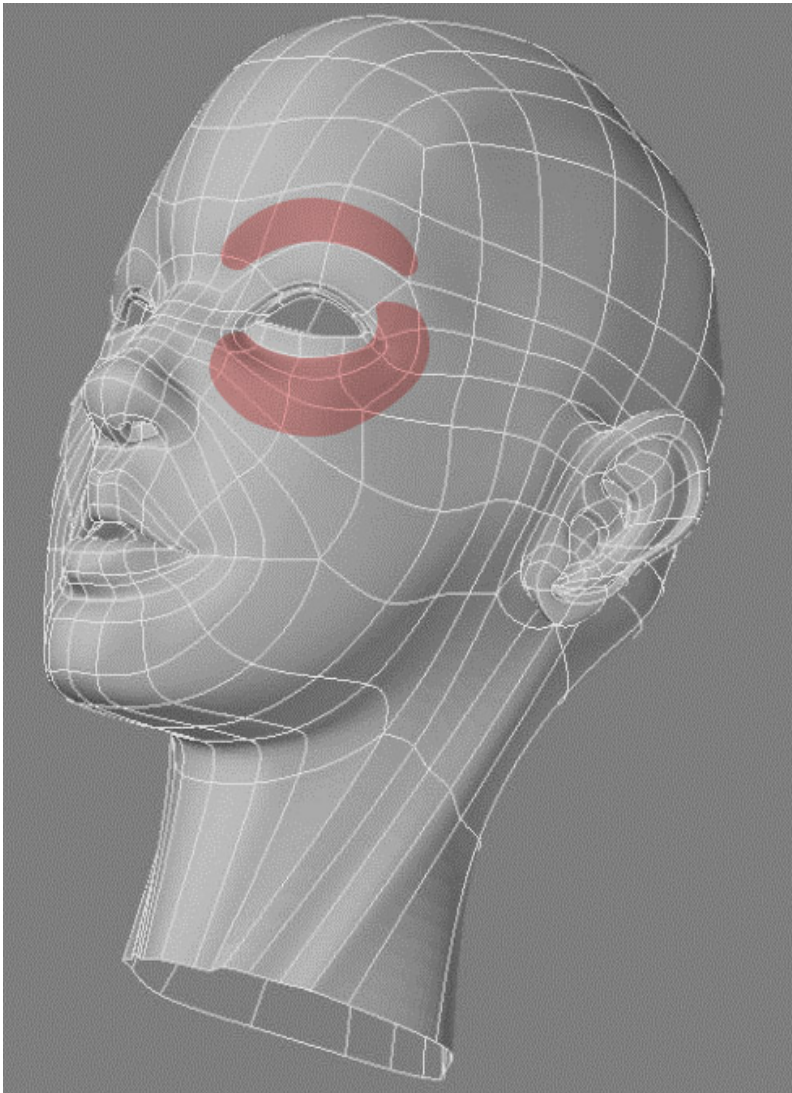
**Off time: 0.00sec**

**Plus: 4plus**

**Watt: 40~60w**

Under eye  
/ Under Eyebrow

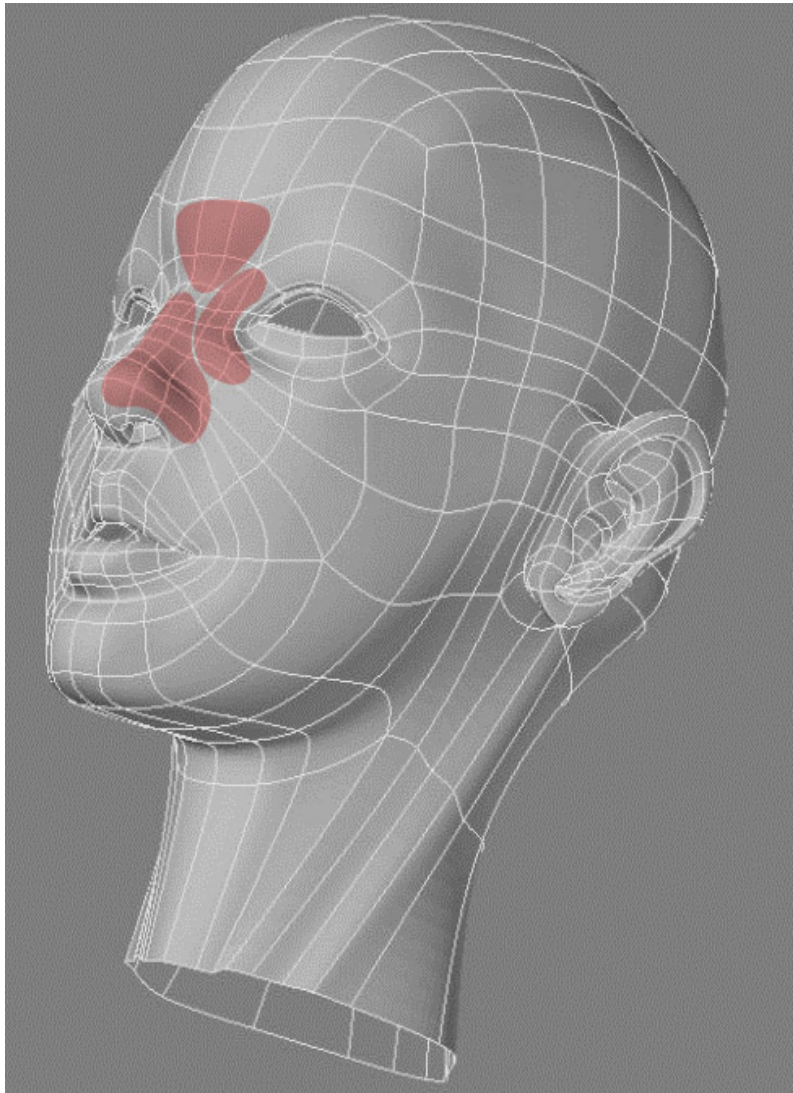
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- ① Sliding from central to peripheral
- ② Sliding from edge of eye to temples
- ③ Sliding over the under eyebrow bone

Nose /  
Middle of the forehead /  
Dorsum of nose

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- ① Sliding like as circling nose
- ② Sliding with Dorsum of nose
- ③ Sliding like as circling at forehead

**Thank you for your attention.**

Directly begin with Demo,  
IntraGen and Cellec