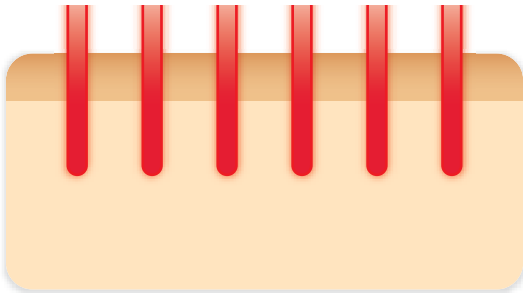


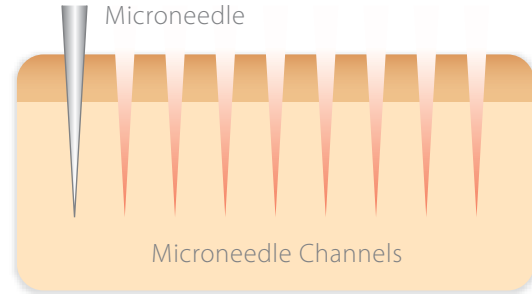
## LASER RE-SURFACING



The laser evaporates the epidermis.

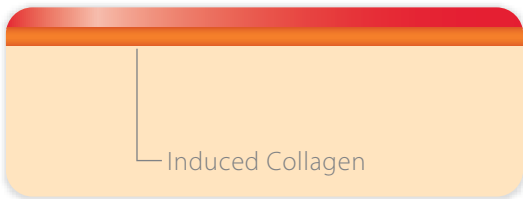
VS

## DERMAPEN THERAPY



The penetration channels are closed within minutes and hours.

Epidermis evaporated with **2ND DEGREE BURN**.

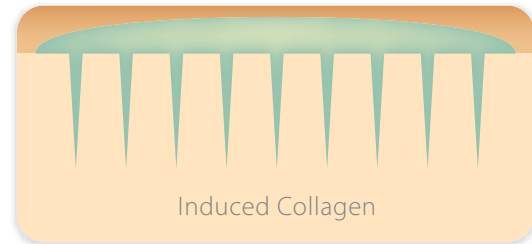


**Risks:** Burns, long healing process, long light sensitivity, pigment problems, possible scarring.

EPIDERMIS

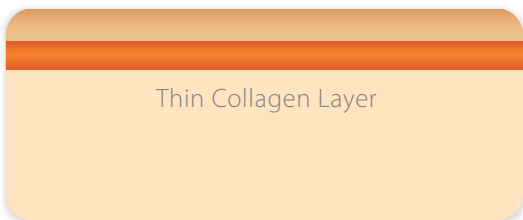
DERMIS

Epidermis preserved and intact.



The induced collagen forms a new confluent layer. **Fast healing and minimal risks.**

Thin epidermis level.

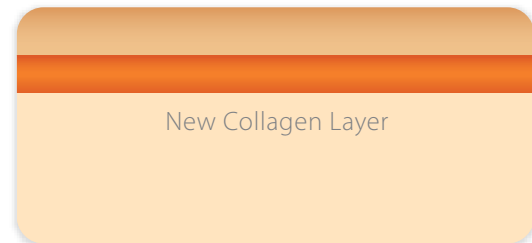


Duration for healing and formation of a new collagen layer: **About 6 Months.**

EPIDERMIS

DERMIS

Epidermis is thickened.

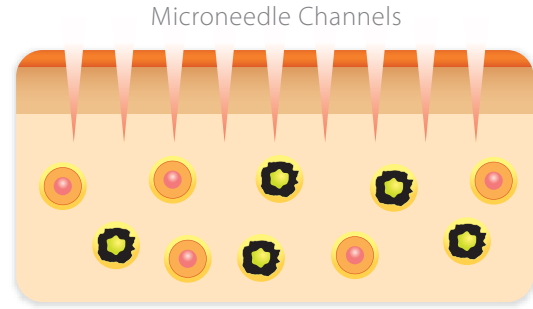
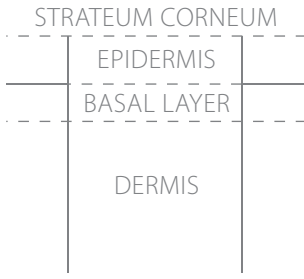
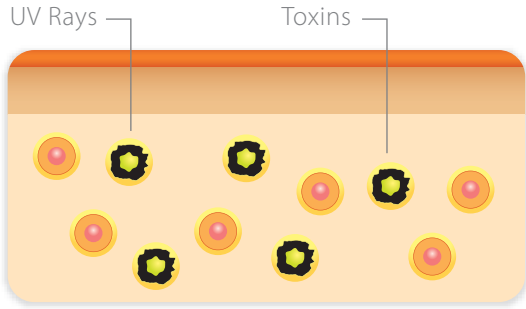


Duration for healing and formation of a new collagen layer: **Maximum 2 Months.**

# TRADITIONAL APPLICATION

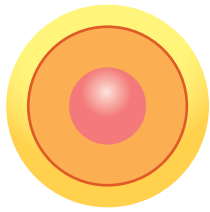
VS

# DERMAPEN THERAPY



Damaged skin condition

The penetration channels through the epidermis layer.



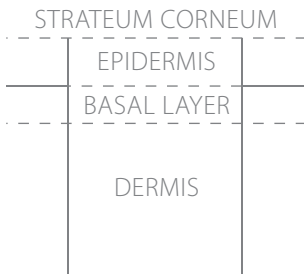
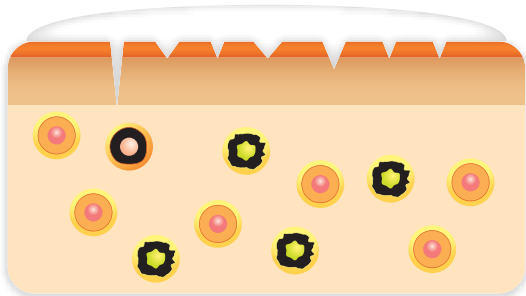
CELL MEMBRANE LIPIDS



Nucleus With Healthy DNA

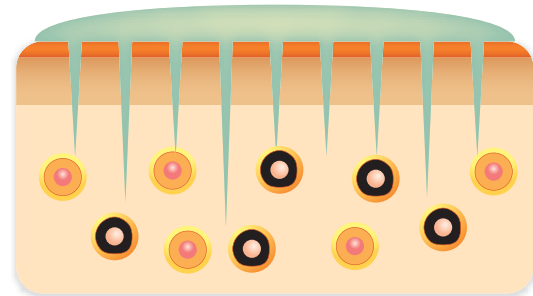
Nucleus With Damaged DNA

## CONVENTIONAL COSMETICS



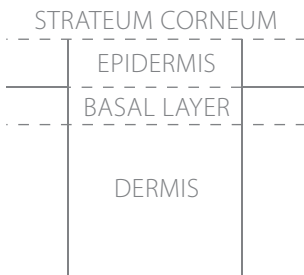
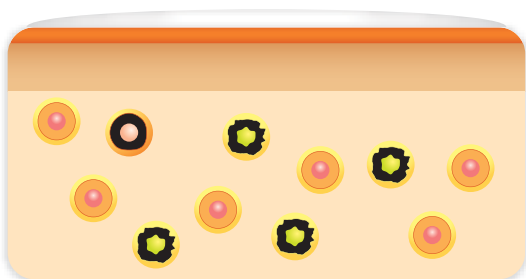
Normal cosmetics only target the surface of the skin. 99% have no effect. Molecules are too big to penetrate.

## DERMAPEN TREATMENTS



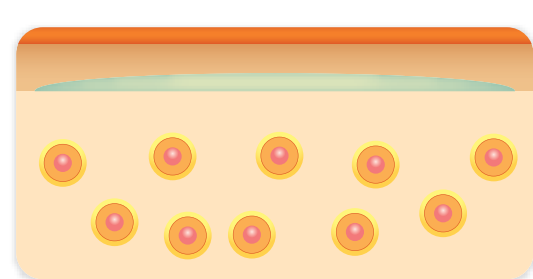
Through the micro channels, the active ingredients with liposome, infiltrate deeper skin layers.

## CONVENTIONAL COSMETICS



Less than 0.3% effective results.

## DERMAPEN TREATMENTS



The micro channels are closed within minutes and cell membrane and DNA starts to regenerate.

