



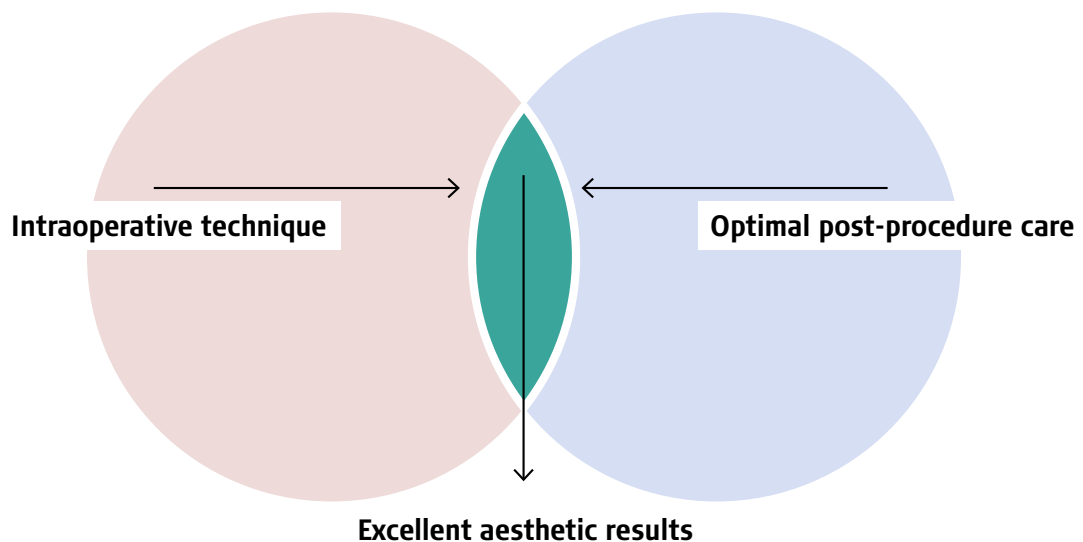
Stratacel<sup>®</sup>

film-forming wound dressing  
for sensitive skin

Breakthrough in  
post-procedure  
care

# Optimal post-procedure care is the key for obtaining predictable, reproducible, excellent aesthetic results

Wound care after laser skin resurfacing (LSR) is critical for achieving successful results. The superficial thermal injury created by LSR heals more quickly and with a reduced risk of scarring under occlusion, however, semi-occlusive dressings may decrease morbidity.<sup>1</sup>



- Meticulous post-operative care is essential and is as important as intraoperative techniques in achieving optimal results after laser ablation.
- Epidermal regeneration following the thermal injury of LSR is improved in a moist environment, since a dry crust or scab impedes keratinocyte migration.<sup>1</sup>
- Numerous studies indicate that closed wound care regimens utilizing semi-occlusive dressings for 48–72 hours post-operatively may hasten re-epithelialization and reduce crusting, discomfort, erythema, and swelling.<sup>2-4</sup>

# Patients seeking skin rejuvenation have high expectations

Patients want fast results and the best overall outcome of their therapy. This means reducing the recovery time so patients may quickly return to their daily life with the best possible results.



Laser treatment



Chemical peel



Dermabrasion



Tattoo removal

# Use Stratacel immediately post-procedure

**Stratacel** is a flexible wound dressing for the repair of damaged or compromised skin following laser resurfacing procedures.



Self-drying, non-sticky, transparent, gel formulation that lightly bonds to the most superficial damaged skin layer.



Complement to leading rejuvenating technologies (e.g. laser treatment), enhancing the best aesthetical outcomes.

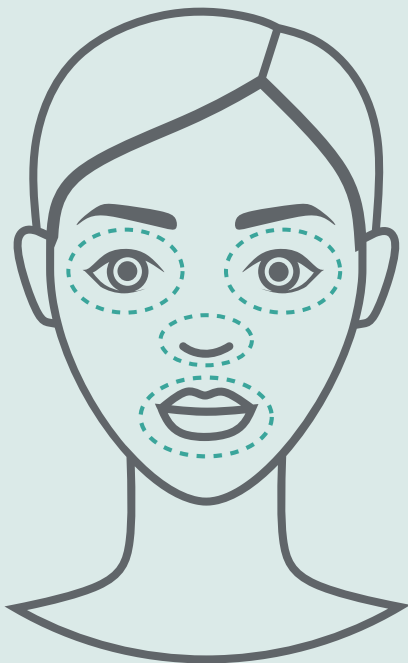


Specifically designed for more sensitive areas in post-laser care such as the periorbital region, nostrils and lips.



**Commitment to excellence for your patients due to an improved compliance of application on sensitive skin areas (like periorbital, nostrils or lips) following laser resurfacing procedures.**

- **Stratacel** is a gel formulation that lightly bonds to the most superficial damaged skin layer.
- **Stratacel** is a special category product, a complement to leading rejuvenating technologies and it enhances the best aesthetical outcomes.
- **Stratacel** creates and maintains the environment that enables the building blocks of new collagen and elastin.
- **Stratacel** was specifically designed for more sensitive areas in post-laser care such as the periorbital region, nostrils and lips.
- **Stratacel** is an easy to use wound dressing offering excellent spreadability and wash-off resistance.
- **Stratacel** may also be used in conjunction with other adjunctive treatments to improve overall results.



The skin's thickness varies according to anatomical site and age. The upper eyelid has the thinnest skin and is used as an average skin thickness here. The nasal tip skin thickness is 3.3 times, the brow/forehead is 2.8 times thicker than the upper eyelid's skin thickness when compared to the average.<sup>5</sup>

**Thin skin is more sensitive therefore special attention is required for the periorbital area and areas close to the lips and nostrils.**

# Clinical results on sensitive skin areas



Before treatment



During treatment



Day 10

**Laser resurfacing (wrinkles)<sup>6</sup>**  
Treatment with Stratacel following thermage, CO<sub>2</sub> fractional laser resurfacing and Botox.

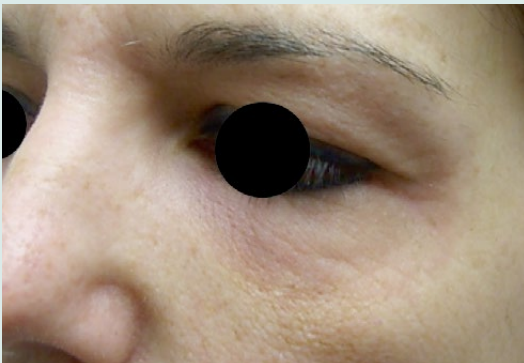


# Stratacel<sup>®</sup>

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During treatment



Day 7

## **Laser resurfacing<sup>7</sup>**

Treatment with Stratacel following fractional laser resurfacing.



Before treatment



Day 30

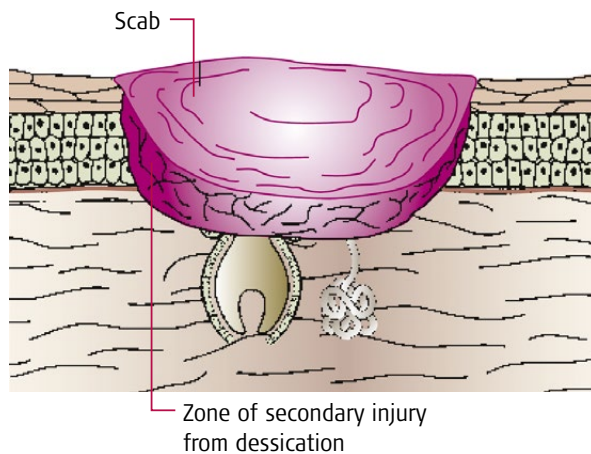
## **Acute cheilitis<sup>7</sup>**

Treatment with Stratacel in combination with antiseptic mouth washes.

**Stratacel is inert and it can be safely applied close to the eyeball or on the inner labia without posing irritation or ingestion risks.**

# Dry and moist wound healing – the difference

## Dry wound healing<sup>8</sup>

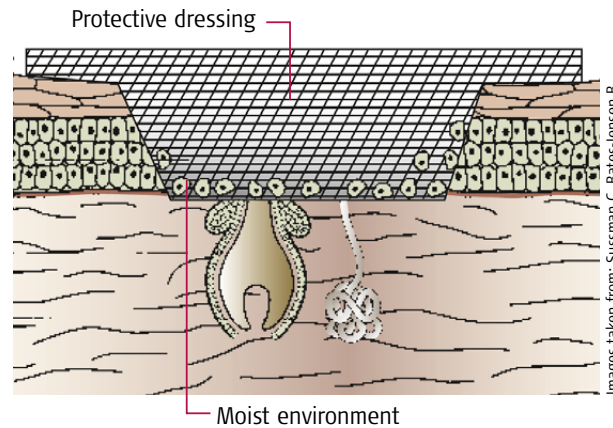


When wounds are kept exposed to the air they will dry and form a scab. The scab protects the wound from environmental contamination, but has some disadvantages:

- Slower healing
- Cells move below the wound bed to find a moist area
- Delayed proliferation and remodeling phase

**The wound will experience delayed wound healing.**

## Moist wound healing<sup>8</sup>



Moist wound conditions allow optimal cell migration, proliferation, differentiation and neovascularization.<sup>9</sup>

- **Stratacel** emulates the epidermal barrier and enhances the healing of the wound.
- **Stratacel** prevent water loss while maintaining the oxygen transfer rate.

**The wound is kept under an optimal environment for healing.**

Appropriate wound dressings should support the natural healing process; i.e. should provide a moist wound interface, absorb or remove excess exudate, prevent contamination and provide an environment favorable to the body's natural defense mechanisms.



# Stratacel after skin rejuvenation and resurfacing

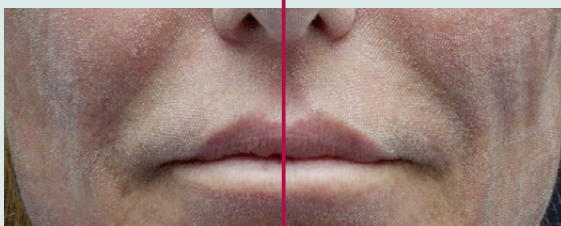
**Stratacel is a breakthrough in post-procedure care.**

## Stratacel immediately used post-procedure:

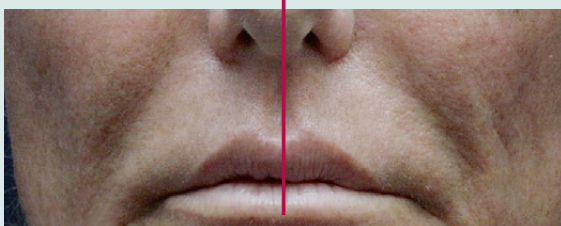
- Speeds up the healing process resulting in a reduced downtime by creating an optimal environment for faster re-epithelialization<sup>7</sup>
- Hydrates the compromised skin by reducing TEWL<sup>6</sup>
- Allows the exchange of gases to prevent maceration, because of the semi-occlusive nature of the formula<sup>7</sup>
- Improves the visible outcome of the treatment<sup>7</sup>
- Provides an excellent soothing effect<sup>7</sup>
- Immediately decreases post-inflammatory burning sensation by reducing erythema and superficial skin temperature<sup>7</sup>
- Protects the compromised skin from microbial and bacterial invasion<sup>7</sup>
- Leads to a more comfortable post-procedure care and increases the user's compliance to multiple session protocol<sup>7</sup>

**Stratacel in monotherapy<sup>7</sup>**

**Thermal water + white petrolatum<sup>7</sup>**

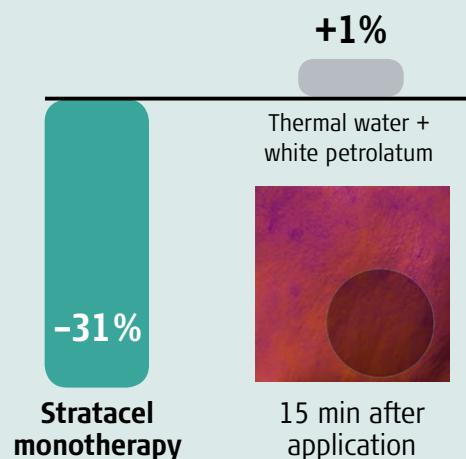


Immediately post-procedure



15 min after primary dressing application

Acute erythema measured with hemoglobin variation 15 min after application



Antera 3D measurement

# Directions for use



Ensure that the affected skin or wound is clean.



Apply a very thin layer directly to the affected area.

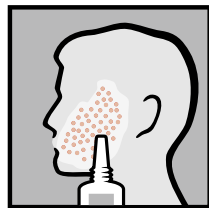
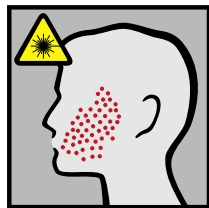


To achieve the best results, leave the gel in constant contact with the skin (24 hours a day/7 days a week).



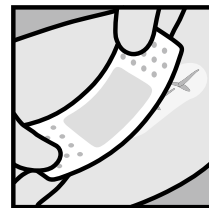
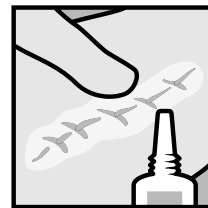
Compatible with secondary dressings. Once dry, the gel may be covered by sunscreen or cosmetics.

## On damaged or broken skin not requiring a secondary dressing:



- Apply a **very thin layer** of Stratacel to the affected area and **allow the gel to dry**.
- Stratacel should be applied once daily, or twice daily to exposed areas or as advised by your physician.
- Once dry, Stratacel can be covered by sunscreen, cosmetics, pressure garments or casts.

## On damaged skin or wounds requiring a secondary dressing:



- Apply a **thin layer** of Stratacel and then cover with the secondary dressing. **Drying is not necessary.**
- Stratacel should be reapplied when changing the dressing or checking wound progress, or as advised by your physician.

### How thin to apply?

Without the usage of a secondary dressing, Stratacel dries to form a flexible, protective sheet on the affected skin that is gas permeable but semi-occlusive. The layer weakly bonds to the skin and protects it from chemical and microbial invasion, but it does not penetrate into the epidermis or dermis.<sup>10</sup>

In order to ensure the optimal function of Stratacel, the applied layer should be less than the thickness of this piece of paper or as if you stretch a piece of household clingfilm over your skin.

# Stratacel<sup>®</sup>

film-forming wound dressing  
for sensitive skin

## Stratacel - a flexible, transparent wound dressing

- Full-contact
- Excellent spreadability and wash-off resistance
- Specifically designed for more sensitive areas in post-laser care
- Reduces acute inflammatory symptoms

The usage of Stratacel does not require changes in any existing post-procedure protocol. It is a simple addition to your usual process - but with great effects.



[www.stratacel.com](http://www.stratacel.com)



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 **Stratapharma**  
Switzerland

**Manufactured by:**  
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#### References

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