# Clinical study published in **Dermatologic Surgery**

Wu DC, et al. Dermatol Surg. 2022 Dec 1;48(12):1312-1316. Results show statistically significant improvements in skin quality at 28 days based on wrinkling and elastosis after CO<sub>2</sub> laser skin resurfacing.

# Elastosis Proportion of patients with an



Wrinkling Proportion of patients with an improvement of at least 33% 3596 absolute difference p=0.04

Placebo

TR Pro+ ≥1 Reduction ≥1 Reduction

# **Real-World Evidence Study**

12 Dermatology clinics treated 48 patients with TR Pro+<sup>®</sup> who provided feedback on their healing experience at 6 and 28 days post-procedure.

| Procedures included:              | + Needling            |
|-----------------------------------|-----------------------|
| + Ablative and non-ablative laser | + Biopsy              |
| + Light therapy                   | + Skin cancer removal |
| + Dermatitis                      | + Chemical peel       |



be as good or better than previous procedures

well or very well

## Instructions

Use as directed below or as instructed by your clinician. On Day 1 rinse the treated areas with a sterile water. Apply a generous layer of TR Pro+® and allow the gel to absorb. The area can be covered with a loose dressing if appropriate.

On Days 2-5 rinse the affected area, apply TR Pro+® in the evening and leave overnight. After showering in the morning apply moisturiser as necessary throughout the day if the skin surface feels dry and is intact.

After 5 days, and subject to advice from your healthcare professional, TR Pro+<sup>®</sup> can be applied twice weekly. When applying TR Pro+<sup>®</sup> there may be a brief mild stinging sensation before the cooling effect of the gel becomes apparent, at which time there may also be a feeling of skin tightening which is normal. Use moisturiser through the day on intact skin if necessary.

#### Caution

For external use only. Keep out of reach of children. Avoid contact with eyes. If irritation develops, discontinue use. If symptoms persist, talk to your health professional. Do not apply over, or use with, other skin treatments without the advice of your healthcare professional. Store below 30°C.

#### Ingredients

Saccharomyces cerevisiae dry extract concentrate (Glucoprime®), titanium dioxide, trolamine, ethanol absolute, carbomer 980, purified water. Contains alcohol as ethanol 10% w/w.

#### References

1. Harrison, IP and Spada, F. Pharmaceutics 2018; 10;71 1-13 2. Cao, Y et al, J Cosmet Dermatol. 2021; 20:1756-176 3. Wu, D et al, Dermatologic Surgery 2022; 48(12): 1312-1316 4. Madaghiele, M. et al, Burns and Trauma. 2014; 2(4): 153-161 5. Bacha, U. et al, 2017. BioMed Res International https://doi.org/10.1155/2017/8972678 6. Fan, F. et al, Frontiers in Bioeng and Biotech. 2021; 9:1-24



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# TR Pro+®

Saccharomyces cerevisiae dry extract concentrate 1mg/g from Saccharomyces cerevisiae dry cell wall 30mg/g

# Supports skin regeneration. Improves skin healing and hydration.

# **AFTERCARE GEL TO PROMOTE SKIN REPAIR**



0.1% Glucoprime<sup>®</sup> - Proprietary beta-glucan extract of Saccharomyces cerevisiae



Tissue Repair has developed an innovative method to purify beta-glucan from yeast without significantly reducing their size. This proprietary beta-glucan, Glucoprime<sup>®</sup>, is able to to accelerate healing and improve skin quality.

# What Is Glucoprime®?

- The active ingredient of TR Pro+<sup>®</sup> is Glucoprime<sup>®</sup> which is a beta-glucan purified from yeast.
- + Beta-glucans are made of sugar and commonly found in fungi, plants and bacteria where they are a key component of the cell wall.
- Not all beta-glucans are the same. The structure of a beta-glucan determines it's ability to interact with host cells and benefit skin healing.
- Preserving the native structure allows Glucoprime<sup>®</sup> to promote skin repair and improve healing.
- Glucoprime<sup>®</sup> stimulates macrophages to produce growth factors and cytokines that ensure the healing process proceeds appropriately for optimal skin quality.



TR Pro+<sup>®</sup> hydrogel reduces downtime by creating an optimal environment for faster wound healing following aesthetic and medical procedures:

- + Laser skin resurfacing
- + Needling / RF needling
- + Cosmetic light procedures
- + Chemical peels
- + Biopsy

- + Skin cancer removal + Electrolysis
- + Tattoo removal
- + Minor incisions
- + Biomicroneedling

# What is TR Pro+®?

TR Pro+<sup>®</sup> is a hydrogel that contains Glucoprime<sup>®</sup> which has been formulated to improve skin healing. TR Pro+<sup>®</sup> can be used on damaged skin and is particularly effective following medical or aesthetic procedures.

## SEMI-PERMEABLE PROTECTIVE FILM

TR Pro+<sup>®</sup> dries to form a thin, transparent and durable film that allows oxygen transfer, the release of heat, and protection against microbial infection.<sup>(1)</sup>

#### HYDRATION AND HEALTHY SCAR FORMATION

TR Pro+<sup>®</sup> provides a barrier to reduce transepidermal water loss and hydrates the skin as it is absorbed. This promotes an environment favourable to normal scar formation.<sup>(1, 2, 5)</sup>

#### **REDUCE WRINKLING AND INCREASE ELASTOSIS**

TR Pro+® has been shown in clinical trials to have a visibly aesthetic benefit on wrinkling and elastosis. <sup>(3)</sup>

#### MANAGES EXUDATE AND STOPS BLEEDING

TR Pro+<sup>®</sup> manages exudate leading to improved wound healing. It also acts as a haemostatic agent to stem bleeding. <sup>(4, 6)</sup>

# PATIENT COMFORT

TR Pro+<sup>®</sup> provides a cooling effect and relieves itching, pain, and dryness. Heat generated from cosmetic procedures can dissipate freely.

# TR Pro+<sup>®</sup> enhances skin repair and supports skin regeneration





Purified