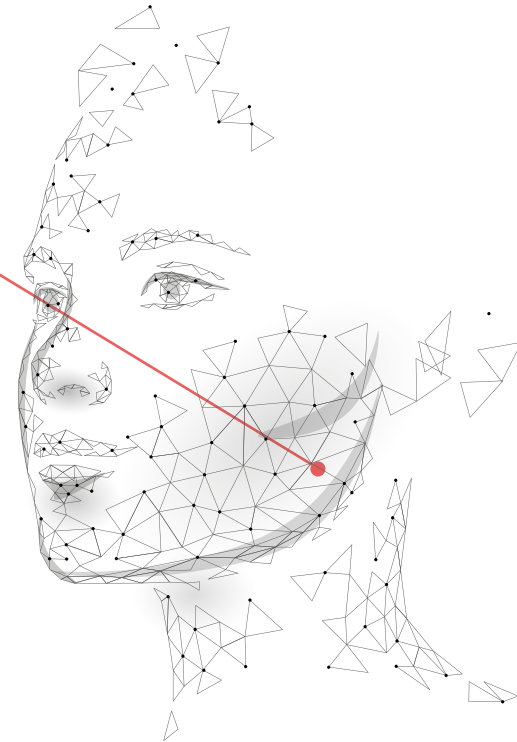


# Protocol for the treatment of ageing skin and red stretch marks with lactic acid

The synergy of mechanical exfoliation through nanoneedling with the ablative properties of lactic acid enables efficient yet gentle treatment of sensitive, dry and ageing skin as well as newly damaged connective tissue in the form of red stretch marks. In eight steps, the systemic Matrixpeel™ protocol achieves revitalisation of the skin and stimulation of exfoliation with organic alpha hydroxy acid (AHA), which breaks down adhesion between the cells of the epidermis.



Indication	<p>Reduced collagen and elastin production</p> <p>Skin cell damage due to free radicals and singlet oxygen</p> <p>Newly damaged connective tissue (striae cutis atrophicae)</p> <p>Sensitive and irritation-prone skin</p>
Observation	<p>Fine lines and wrinkles</p> <p>Reduced skin tightness (loss of elasticity)</p> <p>Reduced stretch and elasticity</p> <p>Dehydration</p> <p>Loss of subcutaneous fat tissue</p> <p>Cross-sectional loss of the epidermis</p> <p>Red stretch marks</p>
Interval	Individual
Techniques	Mechanical exfoliation (microdermabrasion), chemical peeling, nanoneedling
Duration	45-60 mins

## Suggested Products

### Matrixpeel™

- Cleansing Foam
- Degreaser
- NeedlingPen
- Nano Cartridge
- Lactic 30 % Mono Acid, pH: 3.0 - 3.5
- Neutralizer
- Calming Mask
- Repair Cream
- Photo Protector
- Protective Balm or Vaseline

### TX Add-Ons™

- Peel Bowl
- Chemical Peel Brush
- Facial Headband
- Protective Sleeves

## Lactic acid overview

Scale	Peeling End Point	Application	Erythema
<b>Level 1</b> Minimal Peeling	Very Superficial (stratum corneum)	1 to 2 layers Application time: < 5 minutes	Minor
<b>Level 2</b> Moderate Peeling	Superficial (epidermal)	2 to 4 layers Application time: 5 to 10 minutes	Light

All protocols must take place in a dry, clean, smoke-free room under proper hygienic conditions. Ensure adequate lighting. In particular, comply with the relevant requirements for the design of workplaces and the materials to be used. Before the treatment, make sure that you have all the required products ready.

No further exfoliation or mechanical exfoliation should be carried out within 3 weeks prior to treatment. Stop using aggressive or irritating products 5 days before treatment. Do not shave or remove hair for 24 hours before the treatment.



CLEANSING

The Cleansing Foam gently but thoroughly cleanses the skin to remove residues of make-up and other cosmetic products. Take two pumps and gently massage in. Leave on for 2 minutes and remove with plenty of water and a Facial Cleansing Sponge.

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DEGREASING

Use Pre-Peel Degreasing Solution to remove excess oil and sebum. A cotton pad can be used for even distribution. Leave on for 2 to 3 minutes, then rinse off with plenty of water.

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NANO-EXFOLIATION

The lactic acid peel is preceded by a nano-peel with the NeedlingPen. This frees the skin from dead skin cells, cornification and unevenness. The subsequent peeling becomes more homogeneous and causes less irritation.

- » Nano needle module
- » Highest power level
- » Adjust needle length (depending on model, see instructions)

Instead of circular movements, apply two linear strokes to each skin area. Then cleanse the skin area with water and Facial Cleansing Sponge.

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NANO-PEELING

Lactic acid peeling for cell renewal and treatment of the indication. Cover the eyes with a pad, protect sensitive areas with Vaseline. Remove lactic acid with a disposable syringe, dispose of the needle safely. Apply peeling to the skin area and spread with Chemical Peel Brush. To increase the effect of the peeling and improve its penetration, briefly work it in with the Nano Needle Module and circular movements. Before the layer dries, further layers can be applied. Never apply more than 5 layers. Observe the application times (see table).

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NEUTRALISA-TION

Remove excess lactic acid with a cotton pad. Then apply Neutralizer Post-Peel Solution. This stops the peeling process and restores the skin's natural pH value. Leave on for 2 to 4 minutes, then remove with clear water.

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CALMING

The Calming Face Mask soothes, cools and regenerates the skin after exfoliation. Redness, irritation and feelings of dryness are immediately reduced. Remove the mask from the packaging and remove both protective films. Brush on to apply, and leave on for 10 to 15 minutes. Remove the mask and gently massage in excess serum.

**Active ingredients:** Hyaluron, Aloe Vera, Allantoin, Niacinamide, Cucumber Extract

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REPAIR

The Repair Balm has a calming effect on stressed skin and restores the skin's balance. It also regulates the pH value. Intensively nourishing, repairing and restoring. Tear open the individually wrapped sachet and gently massage in the cream with circular movements. Leave on, do not rinse off.

**Active ingredients:** Acetyl Hexapeptide-8, Snap-8, Arginine, Glycine, Proline, Leucine, Lysine

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PROTECT

Protects the skin from UV radiation at the end of the treatment. UV Protect Cream SPF50+ is a UV-protective, repairing, thin-bodied and very quickly absorbed sunscreen cream with a high sun protection factor of 80, based on proven UVB and UVA filters, as well as nourishing ingredients to stabilise the skin. Spray the cream onto the skin area to be treated and let it take effect.

**Active ingredients:** DNA Repair Enzymes, Proteins, Plankton Extract

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Avoid direct sun exposure after treatment. Avoid products and treatments with retinoids for 6 months after treatment. Do not shave the treated skin area for 15 days. Avoid the use of make-up for 3 days.

#### Side effects

Immediately after application of the peeling, slight reddening and burning sensations occur. If this sensation seems intolerable to the patient, remove the peel according to protocol before the indicated application time.

Possible side effects include temporary skin redness (erythema), peeling and crusting, a change in skin texture and slow healing. Bacterial or viral infections may occur. In exceptional cases, post-inflammatory hyperpigmentation may occur.

## Health warnings, precautions and contraindications

It is highly suggested to not undergo the treatment if you suffer from or have the following:

- » Allergies, epilepsy, infections or any autoimmune diseases, respiratory infections, any other heart-related illnesses, or skin infections of the treated area.
- » Any illness or disease that is treated with medications that may alter the normal re-epithelialization of the skin e.g., diabetes, mediterranean amnesia, etc., or those who are undergoing chemotherapy, radiation therapy, or high-dose corticosteroid therapy.
- » Visible tissue swelling (edema) or bruises to the treatment area.
- » Retrovirus or viral diseases e.g., hepatitis A, B, C, D, E or F, HIV infections, or an acute local skin infections e.g. herpes, rosacea, acne, couperose, herpes, rashes or eczema.
- » A person under the age of 18 years without parental or guardian consent.
- » A person taking blood thinning medication, a blood-clotting disorder, an open wound, a chronic wound, a skin disease, scar keloids, nerve damage, warts, or is pregnant or breast feeding.

## General Safety Instructions

Failure to follow the guidelines and warnings, especially during usage, can lead to personal injury, bodily harm or property damage. YOYU Brands GmbH assumes no liability for incorrect usage. Information supplied herein represents the most recent revisions. We reserve the right to errors, misprints and changes. If in doubt, seek professional advice.

These guidelines/instructions were created in accordance with the latest scientific standards and treatment intervals. We acknowledge that the results cannot be guaranteed in their absolute nature or validity. Use sunscreen after treatment.

If the responsible party administering the treatment should have the slightest doubt that the safety of the patient cannot be guaranteed, e.g. due to illness or another condition, then the responsible party should pause or stop the treatment. Always monitor changes of the skin and the emotional state of the patient.

## Product Specific Safety Instructions

Read the application information, the product instructions and product safety instructions before usage. The information on disposable products and hygienic standards must always be met. Before each usage, check the devices and accessories for damage. Do not use if damaged. Use only with DERMIDA products and accessories. Keep out of reach of children and avoid direct sunlight. Treatment should stop immediately if any allergic reaction occurs.