



before



after

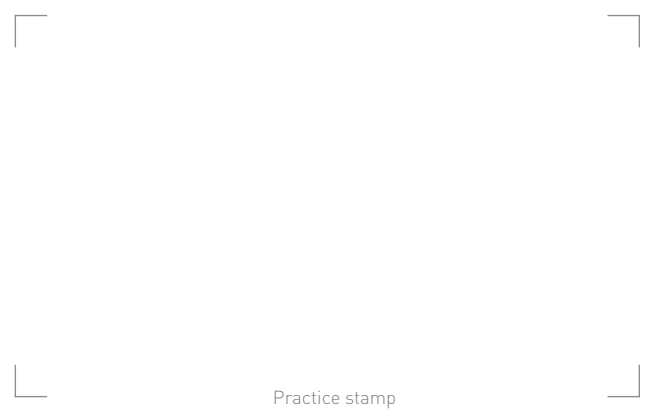
### INDICATION/PATIENT SELECTION

Please discuss with your treating physician whether you qualify for SMART PORATION™ therapy with PRP. The outcomes of treatment depend on the healing process and may vary.



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# ACNE/SCARS

## SMART PORATION™

### OPEN UP FOR BEAUTY

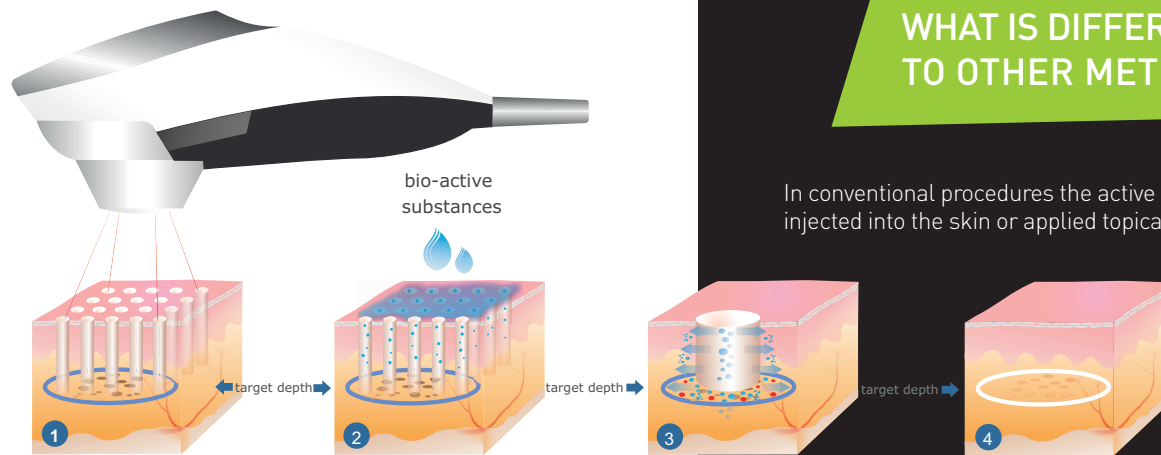


## ACNE/SCARS

Scarring occurs during wound healing when the body attempts to restore the skin's protective function. Since scar tissue is usually firmer and lighter in colour than the surrounding skin, scars are apparent and thus often perceived as an aesthetic disturbance.

We distinguish between atrophic scars, where contraction pulls the skin inward (e.g. in acne) and hypertrophic scars, where the skin bulges outward and is often reddish in colour.

Scars with excessive connective tissue growth are called keloids. Apart from being an aesthetic problem, scars may cause itching and – particularly near joints – a sensation of tightness.



SMART PORATION™ now finally provides a convincing treatment solution for all skin layers - the efficacy of the method has been demonstrated in studies.

## WHAT IS SMART PORATION™?

SMART PORATION™ is a novel therapy for aesthetic and clinical indications that employs a state of the art special laser to create precise ducts of about 1/10 mm depth into the skin. The bio-active substances are delivered into the skin through these ducts, or more accurately, micropores.

The micropores permit penetration of active substances deep into the skin. The controlled inflammatory response induced by the laser procedure enables enhanced absorption of the active ingredients.

## WHAT IS INVOLVED IN THIS TREATMENT?

Before treatment begins your skin will be cleaned. The laser microporation procedure takes about 5-30 minutes depending on the area to be treated. According to indication, active substances and/or drug products which stop scar growth or build up atrophic scar tissue are subsequently massaged into the skin. A special moisturising mask is then applied to facilitate diffusion of the active substances through the skin, soothe, and reduce the redness associated with the treatment. One treatment usually suffices to markedly improve skin appearance.

## WHAT IS DIFFERENT COMPARED TO OTHER METHODS?

In conventional procedures the active ingredients are either injected into the skin or applied topically.

In the former this can be painful and inhomogeneous and in the latter the absorption of active agents is often inhibited by the skin's top layer that acts as a kind of protective shield.

SMART PORATION™ differs from other treatment methods principally in its therapeutic concept which uses combination therapy with active ingredients enabling delivery into the skin with very high precision - into exactly the right depth and at exactly the right dose. By combining the use of laser and active agent, we achieve better outcomes than with injections of active substances and significantly lower downtime than with traditional laser methods.

## WHAT DOES THE TREATMENT FEEL LIKE?

The SMART PORATION™ therapy is gentle and almost pain-free – the laser procedure is experienced only as a few slight needle pricks that are easily tolerable without sedation. Downtime is generally less than 24 hours and depends on the skin type and substances used.



## WHAT DO I NEED TO OBSERVE AFTER TREATMENT?

Following treatment you may have a feeling of warmth on the skin and slight itchiness – similar to a sunburn. These symptoms generally resolve after one day. The micropores will heal through the self-repair mechanisms of your body within 24 hours. In the first days, slight redness is also often visible which, however, is manageable with specific products and is easily masked using make-up.

## WHAT RESULTS CAN BE EXPECTED ?

Normally, the highly effective SMART PORATION™ therapy results in marked skin improvement after only one treatment session. The high efficacy of the combined laser and active substance therapy gives the skin a smoother and fresher appearance.