

Scarban Case Study: Hypertrophic scar after surgical intervention

Case study description

patient age	: 35 years
gender	: female
cause	: surgery of the abdomen
why scar treatment	: hypertrophic scar development
start of scar treatment	: 2 months after surgery
therapy	: 1 year Scarban®

Author

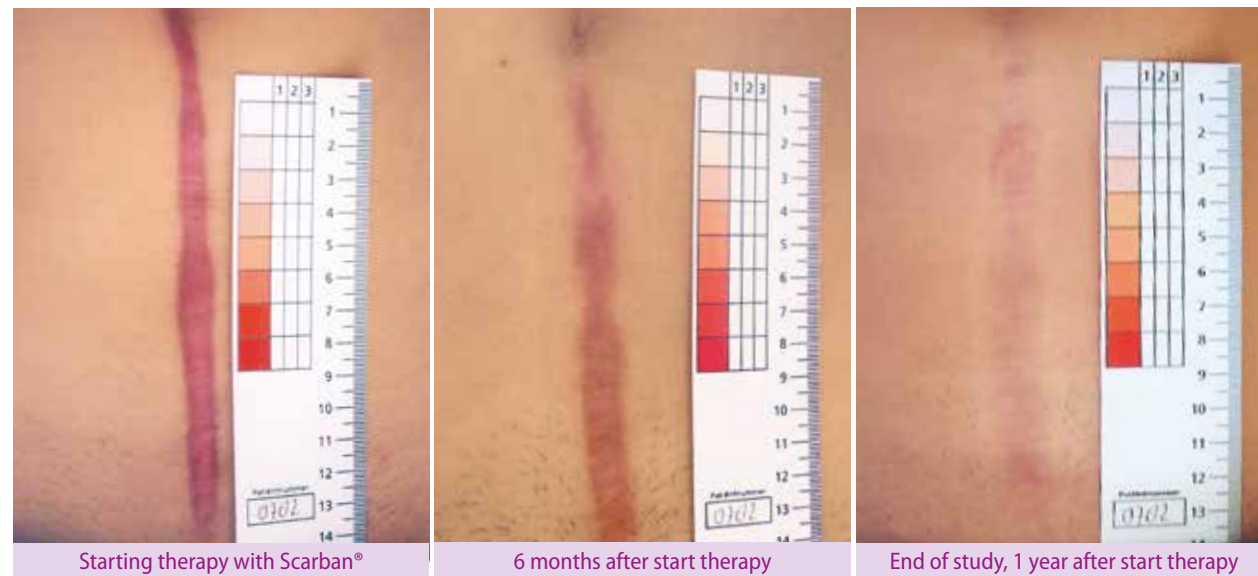
Dr. F.B. Niessen, Niessen, Department of Plastic and Reconstructive Surgery, Amsterdam UMC, the Netherlands.
This research was carried out in collaboration with skin therapists.

Conclusions of the medical team

- Prolonged wound healing due to infection after surgery
- Hypertrophic scar development
- Significantly reduced thickness after therapy
- Significantly reduced redness after therapy

Patient experience

- Improved overall appearance of the scar
- Diminished scar-associated symptoms
- Scarban® is comfortable and easy to use



Starting therapy with Scarban®

6 months after start therapy

End of study, 1 year after start therapy

References:

1. Niessen, F. et al. Topical Silicone Sheet Application in the Treatment of Hypertrophic Scars and Keloids. *Journal of Clinical and Aesthetic Dermatology* (2016) 9(10): 28-35
2. Monstrey, S. et al. Updated scar management practical guidelines: non-invasive and invasive measures. *Journal of Plastic, Reconstructive & Aesthetic Surgery* (2014) 67: 1017-1025
3. Mustoe, T.A. et al. International Recommendations on Scar Management. *Journal of Plastic Reconstructive and Aesthetic Surgery* (2002) 110(2): 560-571
4. Meaume, S. et al. Management of scars: updated practical guideline and use of silicones. *European Journal of Dermatology* (2014) 24(4): 435-43
5. Gauglitz, G. et al. Hypertrophic Scarring and Keloids: Pathomechanisms and Current and Emerging Treatment Strategies. *Molecular Medicine* (2011) Jan-Feb; 17(1-2)113-125



RECOVERY KIT

Scarban® C-Section silicone sheets are supplied in a handy C-Section Recovery Kit, so that your patient can perform the scar treatment independently.

The Scarban® C-section Recovery Kit contains:

- Scarban® C-Section silicone sheet*
- Mild silicone sheet cleaning and maintenance soap
- Information leaflet with instructions for use

*1 Scarban® C-Section pack will provide 8 weeks of therapy if used correctly

Scarban®

Professional Scar Treatment



SCAR TREATMENT AFTER C-SECTION



Fades old and new scars • Relieves symptoms

Because every scar needs care!

www.scarban.eu

WHAT IS SCARBAN C-SECTION?

Scarban® C-section is silicone scar therapy specially developed for C-Section aftercare.

Scarban® silicone sheets:

- Actively reduce scars¹
- Are effective on both new and old scars (hypertrophic / keloid)¹
- Are evidence based¹⁻⁴



HOW DOES SCARBAN C-SECTION WORK?

Scarban (see figure 1)	Results
<ul style="list-style-type: none"> • Reduces moisture loss from the scar • Heals scars quicker and better • Stops overproduction of scar tissue 	<ul style="list-style-type: none"> • Scar is less raised / less thick • Scar is less red and less noticeable • Painful skin tension is reduced (more skin flexibility)
Without Scarban (see figure 2)	Results
<ul style="list-style-type: none"> • Excessive moisture loss from scar • Additional scar tissue formation • Increased chance of abnormalities 	<ul style="list-style-type: none"> • Ongoing complaints (redness, itching, pain)²⁻⁵ • Thickening of scar (hypertrophic / keloid)²⁻⁵ • Normal scar development is not predictable⁵

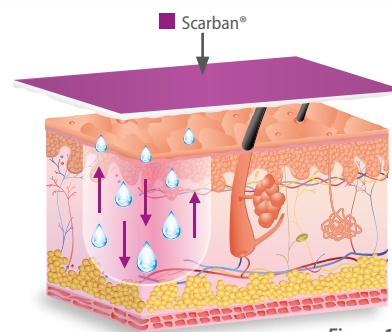


Figure 1

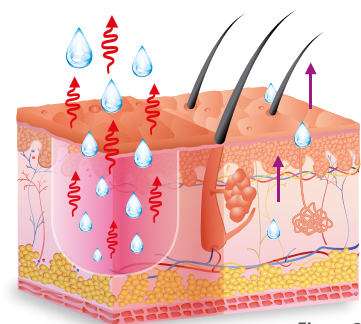


Figure 2

SILICONE SCAR THERAPY: THE GOLD STANDARD

The International Scar Management guidelines are clear²⁻⁴

Silicone scar therapy is:

- The preferred therapy for both prevention and treatment of scars
- A proven, non-invasive option for scar therapy
- Evidence-based recommendations
- Safe and easy to use

GOLD STANDARD
International guidelines:
Silicone is the Gold Standard



SCARBAN IS PROVEN TO BE EFFECTIVE

The effectiveness of Scarban® has been demonstrated in a multicentre study involving 224 patients.¹

Scarban® silicone sheets significantly reduce:

- Scar visibility and complications (chart 1)
- Scar-related complaints such as itching, pain and aesthetic complaints (chart 2)

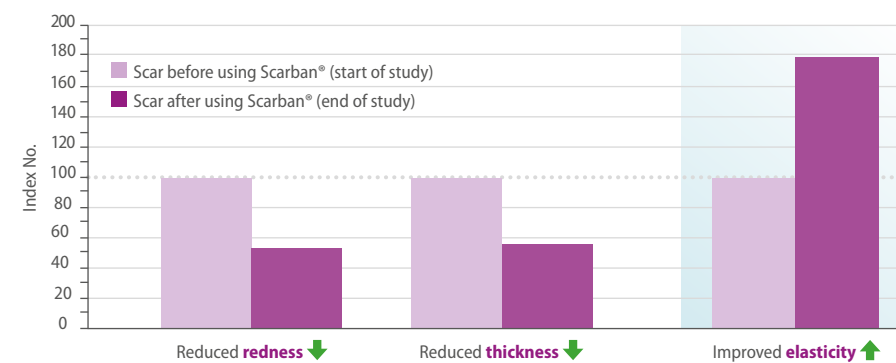


Chart 1: Objective scar assessment by therapist. Significant difference.

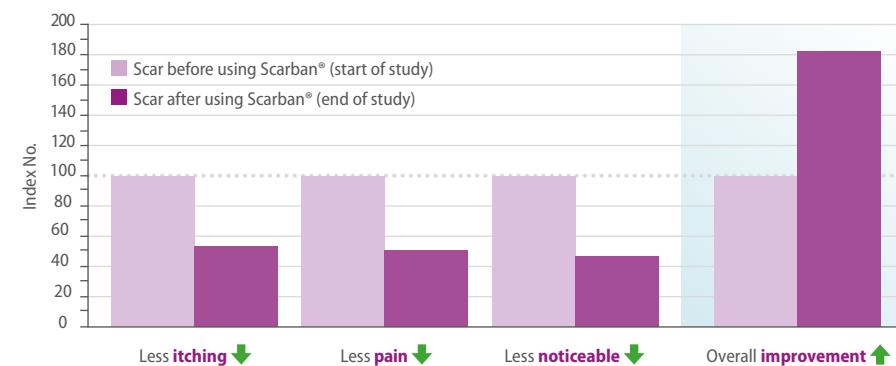


Chart 2: Subjective scar assessment by patient. Significant difference.

Conclusions of the study¹

Scarban® silicone sheets:

- Are effective on both new and old scars (hypertrophic / keloid)
- Significantly reduce thickness and redness
- Significantly improve elasticity of the scar and reduce complaints such as itching and pain
- Are safe and easy to use

