

Case Report: Silicone Gel Sheeting for Treatment of Complex Keloid

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ABSTRACT: Silicone gel sheeting has been used for many years as a treatment for hypertrophic and keloid scars. This case report presents a patient who sustained a complex keloid scar in the right side of the face and had significant improvement by preventing the keloid from forming again after using the NewGel+ silicone gel sheeting.

HISTORY: The patient is a 56-year-old woman who had a complex keloid that formed several years ago from a previous injury.

PROCEDURE: On November 20, 2008, the keloid was surgically removed. On January, 21, 2009, the patient complained of keloid formation again, as well as discomfort and a sensation of tightness around the surgical area. The patient started treatment with NewGel+ silicone gel sheeting placed over the scar.

RESULTS: The patient used NewGel+ silicone gel sheeting over the recurrent keloid over the scar revision incision. As shown in Fig 3 the patient had significant improvement in flattening and preventing the keloid from forming as well as significant fading of the surgical scar being treated with only NewGel+ silicone gel sheeting.

CONCLUSION: This case report describes a patient who had significant overall improvement in the hypertrophic scarring of her complex keloid scarring of the right side of the face.

Keloid scar before surgery



Fig 1 – September 24, 2008, original keloid scar prior to surgical removal

After surgery, before using NewGel+



Fig 2 – January 21st, 2009, 4 months after surgery the keloid began to form again along the surgical incision

After only 6 weeks of using NewGel+



Fig 3 – March 5th, 2009, after six weeks of treating the keloid with 1"x6" silicone gel strips (Newmedical Technology)