

Treating Surgical Scar with the LUVU Prolift RFM

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INTRODUCTION:

The Luvo Medical Darwin is a multimodal workstation manufactured in Canada that supports many aesthetic applications including Intense Pulsed Light (IPL), a diode 808nm hair removal handpiece, an RF microneedling handpiece called the Prolift RFM (a suction-powered RFM handpiece that delivers powerful and consistent results), and the refresh RF handpiece that supports RF bulk heating and tightening. There are 2 more handpieces anticipated to be approved soon by the US FDA.

The Prolift RFM features advanced and unique vacuum features that gently pulls the tissue into the tip resulting in even and accurate treatment depth, increased safety, and improved comfort for the patient. This vacuum is a major benefit when treating sensitive areas around the eye and T zone. The smooth and fast insertion of needles is maintained using unique motor mounting control technology. Patients ultimately experience a delicate procedure without severe recoil when needles are inserted into the skin. RF microneedling is indicated for addressing concerns of large pores, acne scars, surgical scars, texture, and skin tone.

CLINICAL CASE:

Here I present a case of a surgical scar treated with the Prolift RFM. The patient was a 67-year-old female who previously underwent brachioplasty to address cosmetic concerns of loose sagging skin on her arms. The surgical procedure did result in a slightly elevated red thick scar.



A 25-pin non-insulated tip was used. Power of 4, depth of 3.5mm, pulse duration of 200ms, vacuum strength level of 1, 20% overlap, and 2 passes. The endpoint seen was localized follicular edema and erythema within the treated area of the scar. The patient was advised to avoid sun exposure over the treated area and to continue excellent skin moisturization.

The results shown below are after just one treatment.



Rishi Gandhi MD, founder and medical director of Ohio Skin Center, is a double-fellowship trained, double board-certified dermatologist who specializes in skin cancer management with Mohs and Reconstructive Surgery, cosmetic surgical procedures, and minimally-invasive aesthetic enhancement.