

Dr. J.Hellman: Morpheus8 – A subdermal adipose remodeling device

Abstract:

Morpheus8 is a fractional RF device with programmable penetration depth and energy delivery.

The coated needles penetrate into the sub-dermal tissue causing controlled damage: coagulating the fat and contracting the connective tissue and its fibers, thus causing adipose remodeling.

Simultaneously, directional RF energy generates bulk sub-necrotic heat in the dermis and subcutaneous fat, stimulating cell proliferation and cell migration for an accelerated wound healing cascade. Thus, the dermis, as well as the hypodermis are both treated.

The skin surface (i.e. the epidermis), also undergoes remodeling and smoothing.

Several tips are described and are used according to skin depth and lesion type. The treated population includes all skin types for facial and body treatments.

There are several modes of operation: Cycle, Fixed and Burst. Each of them is described and attributed to different face or body areas.

The combination of different tips and different operation modes are also described.

Before and After photos demonstrate the improvement of skin texture, laxity, wrinkles, active acne and acne scars, cellulite, hyperhydrosis and face and body contouring.