

# NON-SURGICAL REJUVENATION OPTIONS *for the Neck and Jowls*

By Evan Ransom MD

There is a growing population of patients seeking non-surgical and minimally-invasive alternatives to facelift. This includes patients that are either too young or need too minimal a change to justify facelift. It also includes patients who cannot afford the cost of a surgical procedure or the associated downtime. To serve this group, there are three great options. One is an injectable treatment, and the remaining two use radiofrequency (RF) energy in different delivery systems. Let's review them in order.

First, Kybella™ is a solution of deoxycholic acid, a medicine derived from the natural digestive juices that promotes the absorption of fat cells and reduction of soft tissue volume when it is injected into the submental (double chin) fat. During the treatment, patients receive a number of carefully planned injections directly into the fatty tissue. Local anesthetic is all that is required. The number of injections depends on the size and volume of the area to be treated in each patient. Then, over a period of a few weeks, a gradual reduction in the volume of the treated area will be seen. Many patients will have adequate decrease in fullness with one treatment, while others may need a second to achieve the desired aesthetic result.

Second is ThermiRF. This is really a three-in-one device, offering: 1) neck and jawline tightening; 2) fat reduction treatment that is different than liposuction or Kybella™; and 3) wrinkle smoothing. ThermiTight is the most revolutionary of the ThermiRF treatments. It does exactly what you would hope – it tightens the connective tissues of the lower face, jowls, and neck without surgery. Applying energy below the skin surface allows higher temperatures to be used than with other non-surgical options (e.g., Thermage and Ulthera). This procedure is selected for fat reduction under the chin, contouring of the jawline and neck, and tightening of the lower facial skin. It takes about an hour and is performed by Dr. Ransom in the office, awake, without general anesthesia. There is minimal downtime, and results are seen gradually over a few months.

Third we have Infini®, a microneedling treatment paired with RF energy. Like the Thermi technology, Infini® uses dissipation of radiofrequency energy as heat in the skin to stimulate collagen production and accelerate the skin's natural healing capacity. Adding mechanical stimulation with 49 tiny needles allows for treatment of more superficial issues, such as fine lines, wrinkles, and acne or chicken pox scars. At deeper needle depths, the Infini® can also be used to contour subcutaneous fat – around the mouth or along the jawline, for example.

When I meet new patients, the timing isn't always right for surgery. In these cases, we can use a variety of new treatments and minimally invasive technologies to achieve fantastic results for the neck, chin, and jowls. Combining multiple minimally invasive and non-invasive treatments can, in some cases, result in a more global, full-face rejuvenation. For example, ThermiTight, Infini®, or Kybella™ can be used with injectables (e.g., Botox Cosmetic® or fillers) or minor in-office surgery (e.g., upper eyelid lift). In patients with significant fatty tissue under the chin, Dr. Ransom may perform Kybella™ injections or liposuction along with the ThermiTight treatment.

Whatever route you choose, my goal is always the same: a natural-appearing, refreshed, rejuvenated, and unique, you!



## Uniquely You.

We know that everyone wants to look their best. Our philosophy is natural-appearing rejuvenation – making an individualized treatment plan that enhances your unique beauty. We provide honest advice and expert care to help you achieve your goals.



Dr. Evan Ransom is an Ivy League-trained, double-board certified facial plastic surgeon. His practice includes surgery for the aging face, rhinoplasty (nose reshaping), and reconstruction after trauma or skin cancer removal. Dr. Ransom also provides minimally-invasive treatments, including Botox®, fillers, laser resurfacing, IPL, non-surgical tightening (ThermiTight™), and non-invasive body sculpting (SculpSure®).

Community service is very important to Dr. Ransom. He performs pro bono cleft lip and palate surgery with Healing the Children. Our next mission, to Peru, is in April 2018.

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