

SECRET DUO SMARTCURE™ OPENS A NEW SPACE IN THE FIELD OF MINIMALLY INVASIVE FACE AND NECK TREATMENTS

Gabriel Rucinski, MD, discusses the improvements he experienced in neck and chin lifting using SECRET DUO SmartCure™ single-thermo coagulation technology



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SECRET DUO RF endolifting and thermal lipolysis with blunt cannula needle proved to be a safe and effective alternative treatment option for lower face, chin, and neck improvement.

Mechanism of action

SECRET DUO SmartCure™ was used in this procedure to treat 30 patients who received subcutaneous thermal lipolysis in combination with radiofrequency microneedling and Er:glass fractional laser treatments on the cheeks, chin, and neck.

Treatment included thermal lipolysis and endolifting using radiofrequency emitted by a blunt 19G cannula blunt needle. The indications for the procedure were significant flaccidity and drooping of the skin in the area of the chin, jawline, and neck, as well as an excessive amount of subcutaneous fat in the above areas. In all cases, RF endolifting treatments were combined with 3-4 sessions of radiofrequency microneedling and Er:glass laser every 3 weeks.

Treatment method

The treatment areas were marked with a sterile marker. Infiltration anesthesia of the cannula insertion sites was performed at two points on both sides.

SECRET DUO blunt RF 19G 70mm cannula needle mounted on SmartCure™ was inserted through the prepared holes by 18G needle. Subcutaneous thermolysis was performed using the SmartCure™ 19G 70mm cannula bilaterally in the



Figure 1 (A) Before and (B) after SECRET DUO SmartCure™ Bilateral jaw line and side surfaces of the neck and chin area lifting using blunt 19G cannula and RF microneedling treatment.

region of the jaw line and the lateral surface of the neck and chin. The procedure consisted of inserting and withdrawing the cannula along the places identified with a marker to obtain a temperature reading from the skin surface of 42°C with a thermal imaging camera and lasted about 1 minute after this reading. During the procedure, excessive overheating and deep penetration of the cannula in the jawline were avoided in order to protect the superficially located mental branches of the VII nerve. The duration of the procedure was determined by the temperature read from the surface of the skin. On average, the entire procedure lasted about 20-30 minutes, which in terms of body surface area gave 2-3 minutes per 3-4 cm. Some patients underwent combined microneedling RF and Er:glass laser therapy, the treatments were planned at 3-week intervals.

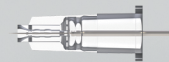
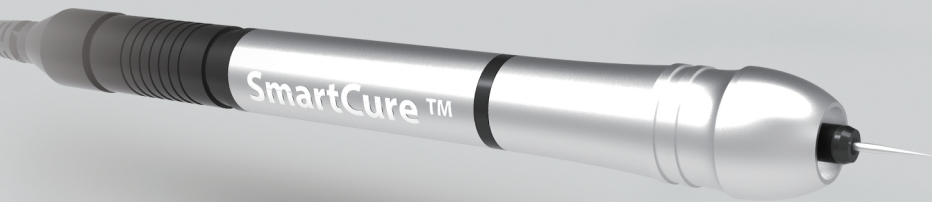
Conclusion

After the initial RF endolifting treatment with a blunt cannula, a noticeable difference in the appearance of the lower face, chin, and neck was seen, followed by a gradual improvement over the following 6 months. The skin around the jaw line visually lifted during later combined sessions using RF microneedling and non-ablative Er:glass laser, and the face appeared more youthful. The patient also experienced a general increase in skin quality, a decrease in wrinkles, and a decrease in sagging as a result of a full face microneedling and Er:glass laser procedure. The patient had edema for two weeks, with only a minimal amount of interruption. There were no additional issues found. The combination of these three therapy techniques in the neck, chin, jawline, and lower cheeks proved to be very safe and effective.

SINGLE THERMO-COAGULATION TECHNOLOGY

SmartCure™ smart electro pen permits various thermo-coagulation techniques combining with single electrolysis needle and various nokor needles to treat a larger range of applications from thread veins, acne, wrinkles to depressed scars.

Acne | Thread Veins | Eye Bag | Neck Tightening



AC-C1 | Acne



AC-28GR | Eye Bag



K3i | Thread Veins



AC-27G | Depressed Scars



AC-19GR | Neck Tightening

CLINICAL EVALUATION

Neck Tightening



Eye Bag



Photo Courtesy of Dr. Gabriel Rucinski

