

COAX

A targeted procedure to get your shape back

Coax CRF is a patented technology that works combining Radiofrequency and Cavitational High Frequency waves to achieve a powerful synergy able to penetrate deeper into the skin and affect the deeper dermis and subcutaneous layers, causing tightening and improvements to the underlying structure.

The Coax CRF device is a state-of-the-art RF heating and cavitational source for aesthetic and cosmetic applications.

The Coax CRF consists of a 350-watt Radiofrequency generator that operates in a frequency of 1-7MHz range and a High Frequency wave generator that operates in a frequency of 40 - 50 KHz. The differentiating factor between the Coax CRF system and other Radiofrequency devices is the versatile treatment applications.

Through the use of both monopolar and stable cavitation phenomena, deep and superficial uniform heating can be delivered to tighten the skin and to break down fat in the interstitial tissue. This stimulates fat drainage, while concurrently the thermoelectric coupling tip cooler protects the epidermis.

THE RESULT IS A NON-SURGICAL, NON-LASER, USER-FRIENDLY DEVICE THAT CONSISTENTLY PROVIDES

- * Immediate collagen contraction
- * Long-term collagen remodelling
- * Elimination of cellulite symptoms
- * Reduction of fat store
- * Superficial and deep dermal heating
- * No patient recovery time
- * Outpatient treatment

Coax CRF Face & Body RF Monopolar procedure

Face and body monopolar procedure is primarily used to treat skin laxity by facial and body tightening and is best suited to patients with mild to moderate sagging of facial or body tissues, usually those in their mid thirties to fifties, with any skin colour.

It is commonly used to treat the forehead (lift brows and tightens forehead skin), under the eyes (thickens skin and tightens and lifts the upper cheek skin), cheeks (lifts slightly and diminishes enlarged pores), midface, jaw line (diminishes jowling and sagging along the jaw line), neck (tightens skin and diminishes wrinkling of the neck) loose body skin especially on the stomach and arms.

It works by producing heat when the tissue's electrical resistance converts the electric current to thermal energy deeper within the dermis. Initial collagen structural change within these thermally modified deep tissues is thought to be the mechanism for immediate tissue contraction; subsequent formation of collagen the further tightens the dermal tissue and reduces skin laxity.



COAX CRF BODY PROCEDURE

In cellulite, fat is stored in cells which lie between the skin and the underlying muscle. These fat cells are grouped together into large collections separated by fibrous filaments that run between the muscle and the skin. In fact, these fibrous filaments surround and hold the fat in place in small compartments. As fat cells expand with weight gain, the gap between muscle and skin expands, but the fibrous filaments cannot stretch and thus cannot support the skin.

The skin is tethered down by string-like tissues that pull it inward, toward the interior of the body. The tension of these filaments pulls in sections of fat along with them, causing the fat cells in the subcutaneous layer to increase in number and stick together within the connective tissue fibers, resulting in a dimpling effect ("orange pill").

Body CRF procedure alleviates cellulite symptoms by means of several mechanisms: cellular and fibrosis disruption due to ultrasonic cavitation, dermal tightening of fibrous filaments due to thermal injury affecting the network of blood vessels, which in turn triggers a cascade of inflammatory events, including fibroblastic proliferation and apparent up-regulation of collagen formation; Enhancement of local blood circulation (vasodilatation and hyperemia) and drainage of fatty deposits to the lymphatic system; and fat cell disintegration and thermal-induced fat cell apoptosis. The procedure can be performed both in dynamic (rubbing) technique and in stationary (static) technique.

QUESTIONS & ANSWERS

- Q: What is the Coax CRF Face procedure??
- A: The Coax CRF procedure uses Radiofrequency technology. It has been clinically proven to tighten and gently lift the skin to smooth out wrinkles and renew facial contours. The incision-free procedure is fast and easy, and requires no downtime from normal activities. Unlike lasers, the procedure can be performed on patients of all skin types.
- Q: How does it work?
- A: The Coax CRF system uses a sophisticated solid gel tip, which delivers a controlled amount of RF energy. With each touch to the skin, the gel tip device uniformly heats a large volume of collagen in the deeper layers of the skin and its underlying tissue while simultaneously protecting

the outer layer of the skin with cooling. This deep, uniform heating causes structures deep in the skin to immediately tighten. Over time, new and remodelled collagen is produced to further tighten the skin, resulting in healthier, smoother skin and a more youthful appearance.

- Q: How does Coax CRF get rid of cellulite?
- A: The machine uses cavitation ultrasound and radiofrequency. Cavitation low frequency ultrasound waves propagate in skin freeing dissolved gas in the form of tiny bubbles, causing cellular and fibrosis disruption. RF heats up fat cells, breaking them apart and sending them to the lymph nodes for the body to dispose of naturally. By reducing the number of fat cells and affecting the intra-fat structure, the treated area becomes smoother and more elastic. The Radiofrequency also causes a mild contraction that visually lifts and firms the area, especially noticeable in the buttocks.
- Q: How long does it take?
- A: The Coax CRF procedure can take anywhere from 15 to 45 minutes depending on the size of the treatment area and the number of passes required.

For more information on this device contact Technolase cc
012 349 1750 or technola@mweb.co.za

