



## Radiofrequency 6 MHz

Radiofrequency is an electro-magnetic oscillation causing molecular agitation in the tissues and as a consequence generates heat. The heat in the tissue responds directly to the frequency of the applied current, among other factors. Therefore, at higher frequencies there is a greater increase in skin temperature, which is essential to counteract sagging skin and generate a non-invasive facelift.

The 6 Mhz RF is an excellent alternative for Non-invasivereaffirmation or aged skin laxity.

The dermal heating generated at this frequency reaches the desired temperature in less time than at lower frequencies. As a result, the sessions of RF and shorten the full treatment.

The thermal effect generated by radiofrequency dermis occur in the following reactions:

Hyperemia.  
Fibroblast stimulation.  
Increased dermal temperature.

These reactions are used to give greater strength and quality to the skin. The result is smoother skin and a clear reduction of wrinkles and sagging, as well as the "dimpled" characteristic of cellulite

### Comparative Table of Radiofrequency

Equipment	RF Termacool	Rc Power 6
RISK	Medium	Minimum
Use	Ambulatory	Ambulatory
Treatment	>Monopolar RF( capacitive (return electrode)	Bipolar RF Resistive
Affections	Flabby Agin	Flabby Agin
Depth	1 to 2 mm	1 to 3mm
Cooler	Cool damp	Cool dry

<b>Application of cooler</b>	Obligatory and before RF	Optional
<b>Treatments</b>	Facial and body	Facial and body
<b>Effects</b>	Collagen remodelation	Collagen remodelation
<b>Target</b>	Energy focused on dermis	Energy focused on dermis
<b>Operator</b>	Medical Only	Trained professional
<b>T° dermis</b>	57°C to 61°C	45°C to 65°C
<b>T°epidermis</b>	35°C to 45°C	38°C to 42°
<b>Emission frequency</b>	6Mhz	6Mhz
<b>Frequency of treatment</b>	Biweekley	Weekley
<b>Thermometer</b>	Incorporated	External
<b>Return electrode</b>	Capacitive couplingelectrode	NO
<b>Fluid application</b>	Yes ,very expensive(one pad per patient)	No need, just neutral gel
<b>Sterilization</b>	Automatic	Manual
<b>Treatment Control</b>	Computarized	For the Professional
<b>Equipment price</b>	High	Medium
<b>Maintenance cost</b>	High	No need