#### Mini-Medical School



## Non-Invasive Laser 非侵入性拉提雷射(英文)

#### **Principles of Therapy**

## 1. Thermage<sup>®</sup>:

6000000 Hz of radio-frequency waves will be delivered to the deep dermis and subcutaneous tissue; the third generation CPT (Comfort Pulse Technology) not only includes a vibration sensor that improves the energy output of the probe, but also includes a coupled vibration mode to reduce pain, thus increasing comfort

## 2. Ultherapy®:

High-Intensity Focused Ultrasound (HIFU), having the ultrasound focused on a single point, it behaves in a non-invasive manner un emitting an accurate transmission of energy into the muscle fascia system; this action allows for the Superficial Musculoaponeurotic System, SMAS, layer to shrink, reaching an eyebrow lift effect.

#### **Pre-Therapy Precautions**

Patients having performed plastic surgery, facial trauma, transplanted pins without removal, installation of cardiac pacemaker, pregnancy, congenital immune diseases (e.g. systemic lupus erythematosus) and hyaluronate injection in the last 3 months will need to inform the physician in advance to discuss if a treatment is appropriate.

#### **Therapy Process**

The skin will be slightly red immediately after treatment, which will disappear on the day of treatment. Patients can immediately apply

makeup and is process is wound-free.

#### **Post-Therapy Care**

- · When completing the treatment, the skin will experience temporary thermal and red, which will eventually diminish in few hours.
- · In 24 hours after treatment, please pay close attention to temperature increase or discomfort in skin and please apply ice compress or contact the medical staff voluntarily.
- · In case the patients experience rush upon returning home, it could be caused by alcohol or electrolyte solution, which will diminish in 2~3 days usually. Some people will experience minor pain on the lower jaw bone and that is considered normal.
- · Upon returning home, patients can use mild skin care products to strengthen moisturizing, including hyaluronate, moisturizing cream, and repair products.
- · After one treatment, most people can detect firmer skin after 1 month and will reach maximum effect in approximately 3-6 months.

#### **Common Questions**

## · Q1 Is the latest "painless" Thermage® really painless?

Painless Thermage<sup>®</sup> is actually the latest "Comfort Pulse Technology (CPT)." The improved detector concurrently vibrates and pads the skin during treatment to disperse the "painful sensation." After the degree of pain is lowered, the tolerable treatment energy is relatively increased for notable effect. According to the hospital's actual treatment with old and new type of detector, most people perceive 70% reduction in pain sensation.

## · Q2 I am only 30 years old and is Thermage<sup>®</sup> suitable for me?

As long as you have appeal for tightening skin, you may take the treatment. In general, the skin ages faster and faster after reaching 30 years old and hence Thermage<sup>®</sup> can prevent loose skin from aging and maintain young and delicate skin condition.

### · Q3 Can Thermage<sup>®</sup> and Ulthera<sup>®</sup> be used together?

Thermage<sup>®</sup> and Ulthera<sup>®</sup> can be incorporated. Thermage is capacity-heater based while Ulthera<sup>®</sup> can improve the chin lines, which two results in multiplying effect.

# • Q4 Can Thermage and Ulthera be incorporated with other treatment?

Thermage and Ulthera can both be incorporated with Botulinum toxin<sup>®</sup> and Hyaluronate concurrently. Laser skin cleaning, intense pulsed light and fractional photothermolysis are recommended for treatment in 1 month apart to reach the multiplying effect.

若有任何疑問,請不吝與我們聯絡 電話:(04)22052121 分機 2020