



Beauty Glow

FACTS and THE SCIENCE

1. HEAT (Beauty Glow: Heating Mode)

When skin temperature rises, our immune system starts producing HSP (Heat Shock Protein) to prevent the damage of possibly high temperatures. HSP protein increases at the temperature of 42°C / 107°F. One of the main causes of faster skin aging is the UV ray. A special kind of collagen is responsible for protecting the skin from such harmful environment. To raise the level of this collagen, skin needs to produce HSP.

Benefits heat at 42°C / 107°F:

- Cell protection against harmful UV rays
- Decrease of protein that reduces collagen
- Higher collagen production
- Wrinkle prevention

2. LED COLOR THERAPY

Skin treatment with the power of light was already well-known in the ancient Egypt, India and China for thousands of years. When Niels Ryberg Finsen received the Nobel Prize for his research of the sun light in 1903, this area of science became known worldwide. Only now it is being used as an LED therapy for beauty and skin benefits.

LED Light has different wavelength depending on the color:

1. Green LED (525nm) (Beauty Glow: Whitening Mode) - helps lighten the pigmentation caused by UV rays and also prevents melanin overproduction. Green LED also helps the skin tone become brighter. It helps treat dilated capillaries, sagging skin around the eyes, under-eye circles, hyperpigmentation and sun spots. Green is considered a master-healer, good for all conditions, and for helping the body rid itself of toxic substances.

The Green LED light is the most under-used light but has substantial positive benefits. Green LED light has a calming effect and has been claimed to assist in reducing melasma and other skin discolorations. The research and attention on Green LED light therapy isn't nearly as much as the famous Red LED light, but the research on the wavelength of the green LED light supports the theory that it targets melanocytes which are melanin-producing cells in the bottom layer of the epidermis. By targeting melanocytes it prevents excess melanin from traveling to the surface of the skin, breaking up the clusters of pigment and therefore

diminishing any existing hyper-pigmentation. Brown spots or freckles are part of pigmentation problems.

2. Red LED (660nm) (Beauty Glow: Anti-Aging Mode) - helps to promote blood circulation, increase elasticity and collagen, soothe fine lines and wrinkles to erases signs of aging for smoother, younger looking skin.

Red light therapy is also sometimes used in sports medicine to help reduce inflammation and speed up the healing of injuries.

3. Blue LED (450nm) (Beauty Glow: Lifting Mode) - helps to remove the acne-causing bacteria and inflammation. The skin becomes soothed, relaxed. Blue promotes circulation for a clearer healthier looking complexion.

3. MICRO-CURRENT THERAPY

Micro-current is one of the most popular anti-aging technology. The results can be seen immediately and the effect is compiled use after use. Micro-current helps to rejuvenate facial muscles, increase cellular function, improve skin tone and texture, increase circulation and the production of collagen and elastin. Micro-current is known by various waveforms and frequencies. In Beauty Glow we use:

1. Galvanic wave micro-current (Beauty Glow: Whitening Mode) - which also helps with deeper absorption of cosmetics so that the skincare products can have a better effect.

2. Sine wave micro-current (Beauty Glow: Anti-Aging Mode) - which also helps to smooth out wrinkles, increase ATP, circulation, and collagen.

3. Rectangular wave micro-current (Beauty Glow: Lifting Mode) - which also helps with elasticity of the skin.

4. MICRO-VIBRATION THERAPY

While regular massage can relax the muscles, micro-vibration works even better and faster. The soothed muscles improve the elasticity of the skin.

The micro-vibration works at 125~250Hz which stimulate the microvascular and cellular tissues in the skin, help improve the blood circulation and help to raise the energy level without negative effects. The skin experiences faster regeneration and better absorption of cosmetics. This is the reason, why Beauty Glow uses micro-vibration function for an effective anti-aging results.