# **GENTLEWAVES® & LED LIGHT THERAPY**

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Overtime, skin becomes less elastic and smoking, stress, sun exposure, excessive alcohol; pollutants in the air and dullness all conspire to create lines, wrinkles and scars. Now, a new break through procedure—GentleWaves® LED Light Therapy—uses non-ablative, non-thermal, variable wave lengths of light to gently stimulate or inhibit cellular activity to reduce the signs of aging. It is quick, easy, effective, painless and affordable and does not cause adverse side effects.

## WHAT IS LED LIGHT THERAPY?

LED Light Therapy is the interaction of a very specific sequence of light pulses delivered through Light Emitting Diodes (LEDs) to activate cells, causing them to produce collagen or multiply. One of the original applications for LEDs was Photo Dynamic Therapy (PDT), using photo-activated creams for the treatment of actinic keratosis and pre-cancerous lesions.

## **KEY BENEFITS**

LED Light Therapy is the unique science behind the GentleWaves light emitting diode system, which can be used for both anti-aging therapy and as an environmental protection. Treatments are fast, less expensive than other light-based therapies and are pain free with no downtime. It is safe for all skin types and:

- •Reduces fine lines and wrinkles
- •Decreases skin pigmentation and age spots
- •Shrinks pore size
- •Diminishes capillaries due to Rosacea
- •Improves the appearance of photo-- aged or environmentally damaged skin
- •Increases collagen production
- •Reduces the enzyme 'collagenase', which is responsible for aging skin

## WHAT MAKES LED LIGHT THERAPY DIFFERENT?

Other light-based skin therapies, including intense pulsed light and laser treatments rely on a thermal injury to the skin's collagen, water or blood vessels to create changes in the appearance of the skin. LED Light Therapy does not rely on thermal energy and the related tissue trauma to effect change. Therefore, patients are not subject to the variables associated with wound healing.

## HEALTHY SKIN MAINTENANCE

"New research indicates GentleWaves has the ability to suppress some of the damage that leads to photoaging of the skin,"according to David McDaniel, M.D., director of the Laser Skin & Vein Center of Virginia, in Virginia Beach. "Most therapies that cosmetic surgeons use today are not anti-aging, but are really age-reversal. We don't have many treatments that provide beauty maintenance or healthy skin maintenance. Most therapies simply treat the damage that has already occurred from the environment or from the sun. GentleWave show ever, is designed to reverse the visible signs of photoaging, while maintaining healthy skin or skin fitness," he said.

#### **RESULTS ARE PROGRESSIVE**

GentleWaves requires a series of eight to ten treatments, 48 hours apart, spread out over four to six weeks. The results are progressive and can take up to six months to realize the full benefit of a treatment series. A treatment is needed every one to two months to maintain the full benefit. The number o treatments and treatment times vary depending on the condition of the skin and the area being treated.



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