

## **What Is A High Frequency Facial?**

The high frequency facial is a skin care treatment used by professionals to help treat and prevent stubborn acne, shrink enlarged pores, reduce the appearance of fine lines and wrinkles, decongest puffy eyes, fade dark eye circles, rejuvenate the condition of the scalp and nourish hair follicles for healthier hair growth.

Considered a timeless and essential skin rejuvenating treatment by those in the skin care industry, high frequency has been shown to stimulate cell renewal and improve skin care product penetration and absorption by gently warming the tissues of the skin.

The safe, gentle oscillating and oxygenating power of high frequency electrical current has been shown to enhance blood circulation, increase collagen and elastin production, eliminate toxins and acne-causing bacteria, encourage lymphatic drainage, exfoliate dead skin cells and improve skin care product absorption. The primary action of high frequency current is thermal (heat producing) and is characterized by a high rate of oscillation. Due to its rapid rate of oscillation, high frequency does not cause muscular contractions - instead, it works on the principle of skin toning.

High frequency facial machines and devices (traditionally referred to as "violet rays") vary in design and appearance however the underlying principle, technology, and operational functions are virtually the same.

## **How Does The High Frequency Facial Work?**

High frequency facial machines work in conjunction with high frequency electrodes which are made of clear tempered glass and come in a variety different shapes and sizes to facilitate the treatment of various contours of the face and body. When the high frequency electrode is firmly inserted into the high frequency hand piece, a gentle alternating electrical current is generated by the high frequency machine which then passes through the attached glass electrode upon contact with the skin. This contact ignites the inert gas within the electrode which produces healing electrical light energy and unstable oxygen which instantly converts into purifying ozone. In other words, when mixed with the air outside of the electrode, the electrical current infuses the skin with rejuvenating oxygen molecules and a therapeutic zapping or tingling sensation is experienced.

In treating aging skin, high frequency current firms and tones by causing an immediate circulation rush to the skin in addition to subtle tissue warming. These functions cause a very safe and natural contraction of the underlying blood vessels and tiny muscle groups. The dilation of the underlying vessels pushes away toxins, while the cells enjoy a feast of increased nutrients and hydrating volume. This result is in an increase in blood circulation and cell renewal as well as increased production levels of Collagen and Elastin which soften and smooth away wrinkles, reduce pore size and improve overall skin texture.

The application of high frequency current to the skin also promotes a natural cleansing and antibacterial action that helps treat existing acne and prevents the onset of new acne. Clients experiencing cystic acne will benefit greatly from the deep penetrating germicidal action of high frequency. The skin is left feeling instantly energized, rosy, firm, refreshed and noticeably softer

- even after just one treatment. The enriched oxygen molecules produced by high frequency machines are safe and have been proven to be effective in helping to heal and restore the skin's health. High frequency is used to treat a range of concerns from skin lesions, acne, waxing procedures and cold sores to fine lines, sagging skin and puffy eyes. Common areas of treatment include the face, neck and scalp but high frequency can be used on the entire body including the back.