

FRAXIS DUO ADDRESSES EYE BAG CAUSED BY AGING

By :

Yesin Lae, MD, FECARE

Younger Looks Laser Clinic, Tangerang Indonesia

One of the first places where visible signs of aging begin to emerge is around the eyes. The delicate skin in this area is extremely thin and contains little subcutaneous fat tissue.

During aging, the skin cells divide more slowly, and the inner layer, called the dermis, begins to thin. Networks of the elastin and collagen fibers loosen and unravel, causing depressions on the surface. The skin also loses its elasticity, is less able to retain moisture, oil-secreting glands are less efficient, and the skin is slower to heal. All of these contribute to the development of wrinkles.

Another fact is that during aging, musculus orbicularis oculi, the muscle that surrounding eyes become weak and lost it retaining effect. These two factors, skin and muscle factors, made the fat pad below the eye balls herniated. This phenomenon shown as eye bags predominantly in the lower part of the eye.

Nowadays, there are a wide range of procedures and products that claimed can treat the skin around the eyes. Fine wrinkles can be treated with dermal therapies that result in the contraction of collagen. But these kind of therapies seems not to be such satisfied. The reason is that these therapy is focus on the skin factor only.

The other treatment well known is surgery called blepharoplasty. This procedure effectively remove fat below the eye but also limited by a longer down time.

Fraxis duo, combining rf microneedle and co2 fractional bring new possibilities to treat eye's problem during aging. Radio Frequency micro needle make it possible to reach the musculus orbicularis oculi layer and the heat can stimulate the muscle to be strengthen. And combination with co2 fractional stimulate the collagen in the deep dermis make the result even better.

This case is asian woman, 60 years old with aging sign surrounding the eyes. We used RF micro needle first with intensity 10%, RF 60-70 ms, depth 1,5 mm in circle motion three passes. After that we go to more superficial with CO2 Fractional at energy 0.6 mJ, i-stack 5-6 and distance 0.5 mm. the treatment repeated in every 14 consecutive days.

There was no severe adverse effect to the patient. Light erythema may occur but disappear in 3-5 hours.

