

## Non invasive rejuvenation

### Are botulinum toxin injections safe?

The dose given in injections is so small that you are unlikely to have any harmful effects from the toxin. Botulinum toxin has been used safely for more than 10 years in millions of people.. Botulinum toxin has "an amazing safety record," says Bill Habig, Ph.D., the recently retired deputy director of FDA's division of bacterial products in the Centre for Biologics Evaluation and Research. "Considering it's one of the most toxic materials known and there was a lot of concern about it, it's turned out to be very safe," he says.

Fillers / Volume: Hyaluronic Acid (Restylane®, Perlane®, Theosyal®)

Hyaluronic acid produced by bacteria and used for treating facial wrinkles and folds. The hyaluronic acid in those products is called non-animal stabilized hyaluronic acid (NASHA) because it is not derived from animal sources. It is a crystal-clear gel. When injected into wrinkled skin it adds fullness and reduces the prominence of the wrinkles in the previously wrinkled area and folds such as nasolabial folds. Hyaluronic acid also attracts and binds water, and this also helps maintain fullness in the area of injection. They are safe and natural cosmetic dermal fillers, and the benefit may last for six months or longer. As you get older, your face loses its shape. Hyaluronic acid is what gives skin its volume and fullness and provide a smoother contour to the face. NASHA is biodegradable and completely biocompatible with human hyaluronic acid.

Calcium Hydroxy Apatite: (Radiesse®) Finding a safe and lasting way to reverse the effects of ageing on the face has been a longstanding search of medical science.

Radiesse: consists of tiny micro spheres of a synthetic material called calcium hydroxylapatite (30%) that is combined with a common hydro gel (70%) used in a vast array of products. The result is a white, creamy like substance. Because calcium hydroxylapatite is a normal constituent of bone, it should not elicit a chronic inflammatory or immune response. Additionally, the gel carrier doesn't require allergy testing. The advantage of this product is the potential for a long lasting effect. Typical Radiesse treatments include: smoothing and contouring smile lines or nasolabial folds, wrinkles at the corner of the mouth, vertical lip lines, acne scars, facial defects or recessions, frown lines, restoring volume in and around the cheeks, and modest enhancement or correcting asymmetrical features. Radiesse will remain soft and take on the characteristics of the surrounding tissue. New soft tissue will gradually replace the Radiesse over time with most replacement occurring within three months. Radiesse material is naturally compatible with the body and has been safely injected in over 100,000+ patients worldwide without a report of reaction to the product.

We advise patients to have Botulinum Toxin injections first and recommend waiting about 2 weeks before using fillers in the same areas