



Filler and Botox in Dentistry

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Editorial

Smile and facial expression are one of the most important aims of cosmetic dentistry because of advanced technique in tooth whitening, veneers, implants or other dental procedures are seriously affected by wrinkles or skin drooping; thus the need for filler and Botox had been increased. Mouth lines, thrilling a drooping lip or smoothing the skin of nasal labial folds has improved the look of their teeth.

Botox is a trade name for botulinum toxin, which comes in the form of a purified protein. The action of Botox comes from preventing muscles from contraction by interrupting nerve signaling and by this stop skin drooping. Then the skin will be smooth and this will be last for 3-4 months, and then began to lose its effect.

Is Botox Really Harmful

The Food and Drug Administration said that the harm of Botox comes from their instability in the tissue and it tends to spread away from site of injection. This may cause many adverse effects like allergy, muscle paralysis and could be accumulalte in other area cussing lumps.

Other side effects could be

- Drooping of the eye lids
- Nausea
- Vomiting
- Swelling
- Feeling faint
- Rashes
- Dizziness
- Wheezing
- Asthma
- Itching

In addition to cosmetic dentistry; TMJ problem, bruxism and facial pain could be traded by filler or Botox. Such as hyaluronic acid and calcium hydroxyapatite fillers are usually used to add volume to the face in the nasolabial folds, oral commissures, lips, and marionette lines.

Hylouranic acid could be injected with local anesthesia to reduce pain or discomfort during and after the treatment. It's a natural substance that occurs in the body and gives moisture, elasticity and volume to the skin. It acts as a sponge by attracting water to the site of injection causing plumping and filler action. The risk of allergy is less with this type of fillers. Restylane is another filler product that was designed to treat various problem areas.

The original Restylane smoothes away wrinkles and folds and can be used to add volume to thin lips. It's a thick gel that is used to correct severe wrinkles and folds like the nasolabial folds, as well as volume loss in the cheeks. It's approved by FDA and especially used to enhance the lips, because it is made with smaller particles than the other products.

It's used as injection also to stimulate collagen production so a small amount and fewer injections could be needed. The duration it last varies according to the area used from 6 -18 months. Radiesse is used to treat moderate-to-severe facial folds, such as the nasolabial folds. It also can be used to plump up cheeks and other facial contours.

It's not used on the lips. It contains microspheres of calcium hydroxylapatite, a type of mineral that's found in human teeth and bones. The tiny calcium particles are suspended in a thick gel-like solution. Over time the gel is absorbed and the body metabolizes the calcium, leaving behind your own collagen.

Radiesse last a year or more. However, because calcium hydroxylapatite stimulates natural collagen production, fewer touch-ups (and less material) may be necessary to maintain the result. Using dermal filler looks like away from the dentist experience, but in fact dentist is the most healthcare member that can deal with facial expression, pain and suitable injection more than dermatologist, plastic surgeon. The dentist is familiar with the injections as well smile and facial expression more than others and when he trained well; he will be better. Other filler like hyaluronic acid, synthetic wrinkle filler, collagen wrinkle filler and autologous wrinkle filler could be safer than Botox.