

Botox Cosmetic® Treatment

Dynamic wrinkles are caused by contractions of the delicate underlying facial muscles every time you smile, laugh or frown. **Botox Cosmetic®** is the trade name of botulinum toxin type A, a purified protein that is a byproduct of the toxin produced by the bacterium *Clostridium botulinum*. When injected, this protein will block the conduction of nerve impulses to muscles, causing a form of muscle relaxation in the area injected. By using extremely small doses of **Botox Cosmetic®**, directly into a specific muscle, only the action of that muscle will be relaxed. Therefore, the problem that muscle causes, like a wrinkle, twitch, spasm or frown line, will be stopped. Generally once the muscle has been relaxed, the overlaying skin smoothes.

Botox Cosmetic® injections have been used safely and effectively since 1989 to treat many ophthalmologic and neurological disorders. Each year hundreds of thousands of patients receive **Botox Cosmetic®** injections for a variety of conditions and it has quickly become a popular treatment for slowing the visible signs of aging.

Frown lines between the eyebrows are due to contraction of small muscles around them. Injecting **Botox Cosmetic®** into this area will temporarily weaken these muscles, causing temporary improvement or disappearance of the frown lines. Similarly, crow's feet and horizontal forehead lines can also be improved by the injection of **Botox Cosmetic®** in these areas.

Unfortunately, **Botox Cosmetic®** injections are only a temporary solution for the treatment of dynamic wrinkles. The effects of the injections last from three to six months. You may need to have injections about two to three times per year. The clinical studies indicate that the duration of treatment benefits increases over time so that you may require injections less frequently in the future. Also, the duration of effect varies from patient to patient and may be less effective for those over 65 years of age. Rarely, some people are immune to the effects of **Botox Cosmetic®** injections.

THE PROCEDURE

Cosmetic denervation with **Botox Cosmetic®** injections is a simple and safe procedure. Using a tiny microinjection, a very small amount of **Botox Cosmetic®** is placed, very precisely, into several locations on the face. The effect usually appears in 3-4 days and sometimes takes 7-14 days to occur. Because the injection is so tiny and only a small amount of liquid is used, the pain associated with the injection is minimal. Most patients compare the sensation to a bug bite. No sedation or local anesthetic is required, and you can resume normal activities immediately. You can even drive yourself home or back to work. Some patients experience a temporary slight bruising at the injection site. This can be covered with makeup.

INSTRUCTIONS AFTER INJECTION

Dr. O'Brien advises his patients to stay in the upright position for 3-4 hours after the treatment. Do not manipulate or rub the area of the injections for 3-4 hours. You should report any side effects or unusual symptoms to the office immediately.

SIDE EFFECTS

Temporary bruising and/or swelling are the most common side effects. Brief numbness or headache may occur. Because the effects of **Botox Cosmetic®** are completely reversible, any side effects are temporary, generally lasting only a few weeks. The risk of any side effect depends on the area injected. Dr. O'Brien will discuss this with you before your treatment.

BENEFITS

If dynamic wrinkles make you look older than you are, cosmetic denervation can smooth these out and give you a more youthful and pleasant appearance. However, this procedure cannot improve wrinkles due to aging and sun-damaged skin since they are unrelated to facial muscle contractions. **Botox Cosmetic®** injections will not improve sagging skin or replace the need for Restylane injections or a facelift. Dr. O'Brien will discuss with you, in advance, if you are an optimum candidate for treatment with **Botox Cosmetic®**. **Call for an expert, FREE CONSULTATION : 970-945-8503.**

COST

Please see table on reverse. Prices are subject to change without notice.

COST

The cost is proportional to the amount of medication needed. Most areas injected require 20 or more units as follows:

Brow ("frown lines" between eye brows)	Most women start at 20 units & men at 30	Typical cost is \$260-\$390 or more
Forehead ("worry lines" - horizontal lines)	20-40 units is common; men require 30-60 units	Typical cost is \$260-\$520
Wrinkles around eyes ("crows feet" or "squint" lines)	16-24 units for both eyes is typical (24-36u for men)	Typical cost is \$208-\$312 (higher for men)
Nose ("rabbit nose" or "scrunch" lines)	This area almost always requires 5 units only	Typical cost is \$65.00

Dr. O'Brien uses the lowest typical doses for each client. After your first set of injections, "your dose" can be determined based on your particular response to the medication.