



Neuromodulators

What are Neuromodulators?

Botox, Dysport, and Xeomin are popular, effective and safe injectables that reduce facial lines and creases for 3-4 months. Wrinkle relaxer injections reduce the strength of targeted muscles that cause the skin to wrinkle. Overtime, these dynamic wrinkles become permanent wrinkles in the skin even at rest. These are non-invasive FDA-approved treatments that require zero downtime.

How do they work?

Normally when we squint, frown, or make other facial expressions, our nerves release a neurotransmitter chemical, known as acetylcholine. This neurotransmitter binds to receptors within the muscle to make it contract. Wrinkle relaxers like Botox and Dysport work by binding to the acetylcholine receptors and blocking the signal from the nerve to the muscles.

What to know before and after treatment?

It is recommended to stop medications that increase chance of bruising seven days before your treatment. These medications include: aspirin, ibuprofen, and fish oil. It is also recommended to avoid alcohol 24 hours prior due to increased risk of bruising. You can shop around for the lowest cost, but in general, you should shop around for a doctor's Botox *expertise* and not so much the price being charged. Before buying, always make sure you are a good candidate for the treatment. If you are breastfeeding or planning to become pregnant you are not a candidate for Botox. Exercise should be avoided 24 hours after the treatment to reduce risk of bruising. Botox is not permanent and usually lasts 3-4 months.