

Botox for wrinkles and headaches

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Crow's feet, furrows, or lion, horizontal forehead wrinkles are a common problem. However, thanks to treatments using botox wrinkles those disappearing for a long time, allowing you to enjoy a young appearance. Contrary to appearances, aesthetic medicine is not the only use of botox. Today it is successfully used also to fight with migraine and hyperhidrosis.

Botox is purified botulinum toxin type B, produced by the botulism bacteria (*Clostridium botulinum*). This protein is a very rare feature of long-term incentives to block nerve (responsible for muscle contractions), which leads to smoothing of the skin covering the muscles. Purified botulinum toxin, however, is totally safe for health - otherwise it would not be allowed for use in medicine and cosmetology. Numerous clinical studies conducted around the world confirm the safety and high efficacy of botox. This product has the European CE safety mark, is also approved for the treatment of wrinkles by the Food and Drug Administration. Not everyone, however, may undergo treatment. Botox should not be used during pregnancy or in those treated with antibiotics quinine, penicillin, and brokers channel blockers. These contraindications also apply to people taking drugs affecting blood clotting, and patients suffering from muscle disorders (eg, city or Lambert-Eaton syndrome). Therefore, before surgery should always inform your doctor about all medicines you are taking, and pharmaceuticals. First inclination, which raises the majority of people are hearing the word, of course, Botox wrinkles and smoothing them properly. The doctor injected botulinum toxin weakens the nerve impulse conduction to muscles as a result of which the facial muscles will not shrink and wrinkle the skin stops. Thanks to smooth existing wrinkles. The best results were observed within the upper 1 / 3 of the face. Therefore, Botox is most effective in reducing wrinkles on the forehead, furrows, wrinkles around the eyes and the angle of the lower eyelid. Weaker are the effects of correction surrounding the cheeks, lips and neck. In the case of deep grooves is also good to fill up the treatment with hyaluronic acid. Action botox is not immediate. The first change is noticeable after 2-3 days from the execution of the procedure. The full effect is visible after about 7-14 days and lasts from 3 to 6 months (depending on dose, site of administration and individual predisposition of the patient). Neural connections are locked at the time played progressively, so the action botox wears off slowly - and thus there is no sudden change skin. However, if you want to keep a smooth face, we must repeat the procedure (after 2-3 endeavors period between successive injections is prolonged). Application of purified botulinum toxin in medicine today is very safe - Botox blocks only those muscles, to which the doctor injected him. Of course, due to the nature of specific proteins, some patients may experience flu-like symptoms (feverishness, muscle aches, fatigue). Sometimes some people may complain of nausea, vomiting or headache. However, these problems disappear after a few days. In rare cases - when the procedure is not performed in a professional manner - it can lead to paralysis of muscles in the injection preparation or weaken facial expressions. Therefore, treatment should never do on their own or in a suspicious facilities that seek to entice patients bargain price. Acute migraine headache is becoming more common ailment - estimated to be suffering from it as many as 18 percent. women and 6 percent. men. Their cause is not known with certainty, but there are indications that the attacks of pain may be irritation of sensory nerve endings, ganglia, innervating the different areas of the head, including muscles in the area. Their contraction may lead to a migraine. Very often, however, standard therapy does not bring improvement and only reduces the frequency and strength of attacks of pain. Suffering from migraine may help but just botox. During the surgery the doctor injects the muscle mimic the appropriate dose, thereby blocking nerve endings and prevents the occurrence of contractions leading to a migraine attack. Action botox is not permanent - the grass is 6 to 12 weeks. Same procedure takes at most several minutes, and the patient does not require any recovery. The first effects are already noticeable after a week. In turn, the effectiveness of treatment is estimated at more than 80 percent. More than half of our patients stated complete pain symptoms, and the other at least twice to reduce the frequency and severity of migraines . The next session we can not do until after the expiration of the previous one. After the surgery in some patients may experience symptoms to pass after a few days. Sweating is a natural process the body. Sometimes, however, activity of sweat glands is unbalance, which leads to excessive sweating. It is believed that half the cases stand for the genetic predisposition, but the precise reasons for sweating are still unknown. Despite this phenomenon is very painful ailment - some people even complain that their feet, hands and armpits are constantly wet, which leads to many unpleasant situations in the professional and private life. Hyperhidrosis medicine makes a generalized, on the whole body, and local, which can be successfully treated using botox. Small dose of a substance injected into the skin causing blockade of nerve connections responsible for the operation of sweat glands. As a result, there is to stop their activity. As in the case of other treatments using botox in a few patients may experience symptoms (sometimes Hyperhidrosis occurs elsewhere, or it comes to short-term weakening of the muscles and shoulder). The effectiveness of surgery is very high - estimated to be over 90 percent. Effects of treatment persist from 6 to 12 weeks. After this time, you can repeat the procedure to avoid recurrence of hyperhidrosis.