



AESTHETIC AND COSMETIC DERMATOLOGY (LASERS SEPARATE CATEGORY)

## THE ACTUAL ISSUES OF BOTULINUM TOXIN A THERAPY IN AESTHETIC MEDICINE: A NEW VIEW.

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The lack of standards and diagnostic criteria in aesthetic medicine becomes a problem for the appointment of procedures, as well as obtaining legal assistance to both the patient and the doctor. For a doctor of aesthetic medicine is necessary to determine the diagnosis in ICD. Facial wrinkles are not a medical diagnosis!

Botulinum toxin therapy is a method of treatment of hypertonicity of muscles. Hypertonicity of facial muscles - is a reversible violation of muscle tone with loss of controllability of movements.

For the treatment of mimic muscles hypertension, it is necessary to introduce a clear classification that would reflect the condition at the time of examination.

The classification should take into account the qualitative characteristics and intensity of hypertonicity. We propose the introduction of the diagnosis of "hypertonicity of mimic muscles" and the classification of its manifestations and intensity. There are three types of anatomical condition of muscles:

- Normokinetic: muscle fibers are weaved into the dermis of medium intensity, with expression-2-3 wrinkles;
- Hypokinetic: muscle fibers are weaved into the dermis of low intensity, with expression - or no wrinkles, or 1-2;
- Hyperkinetic: muscle fibers are weaved into the dermis of high intensity, with expression-multiple (more than 3) wrinkles.

The severity of hypertension is also important, it can be observed in any type of muscle activity. In this case, it is possible to allocate the degrees of hypertonicity:

- Initial: lack of control over facial expressions, calm skin relief is not changed.
- Expressed: control of facial expressions in the resting state are determined by creases of skin (wrinkles).
- Resistant: muscles are in constant tension, deep creases (wrinkles and folds) are determined on the skin, the relief of tense muscles is visualized.

Thus, the diagnosis can be formulated: "Hypertonicity of mimic muscles: normokinetic type, expressed stage".

