



MSTR GUIDE 26

Essential injection patterns
you **NEED** to know when using

Botulinum Toxins

Glabella Lines

Frown Lines

BOTOX[®]
—Cosmetic

BOCOUTURE

Licensed Doses:



Wide



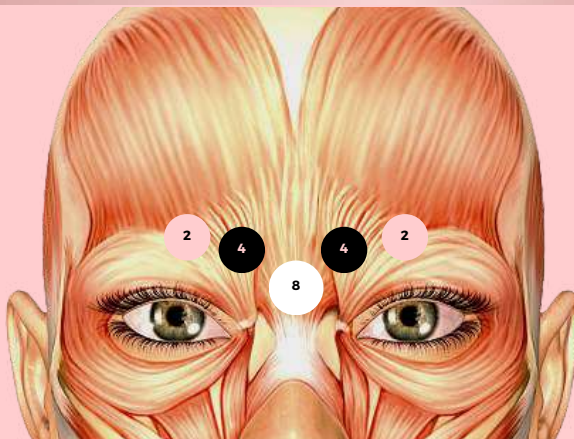
The wide insertion point of the corrugator muscle may leave lateral activity without a small, superficial dose lateral to the mid pupil.

Strong



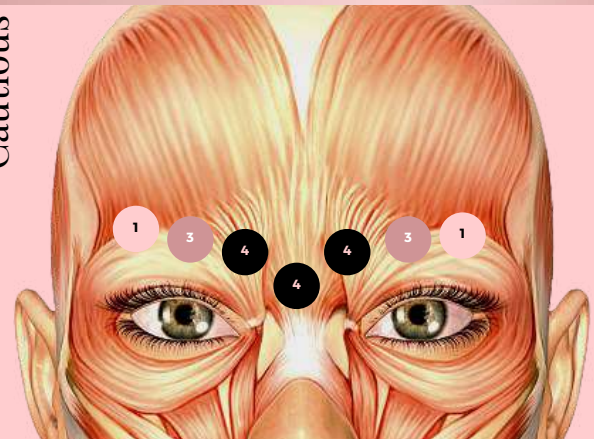
It is common to increase the dose in men or women with obviously stronger muscles than average. Up to 80 units has been found to have a similar side effect profile.

Down Pull



Dominant procerus & depressor supercilli may require stronger doses medially.

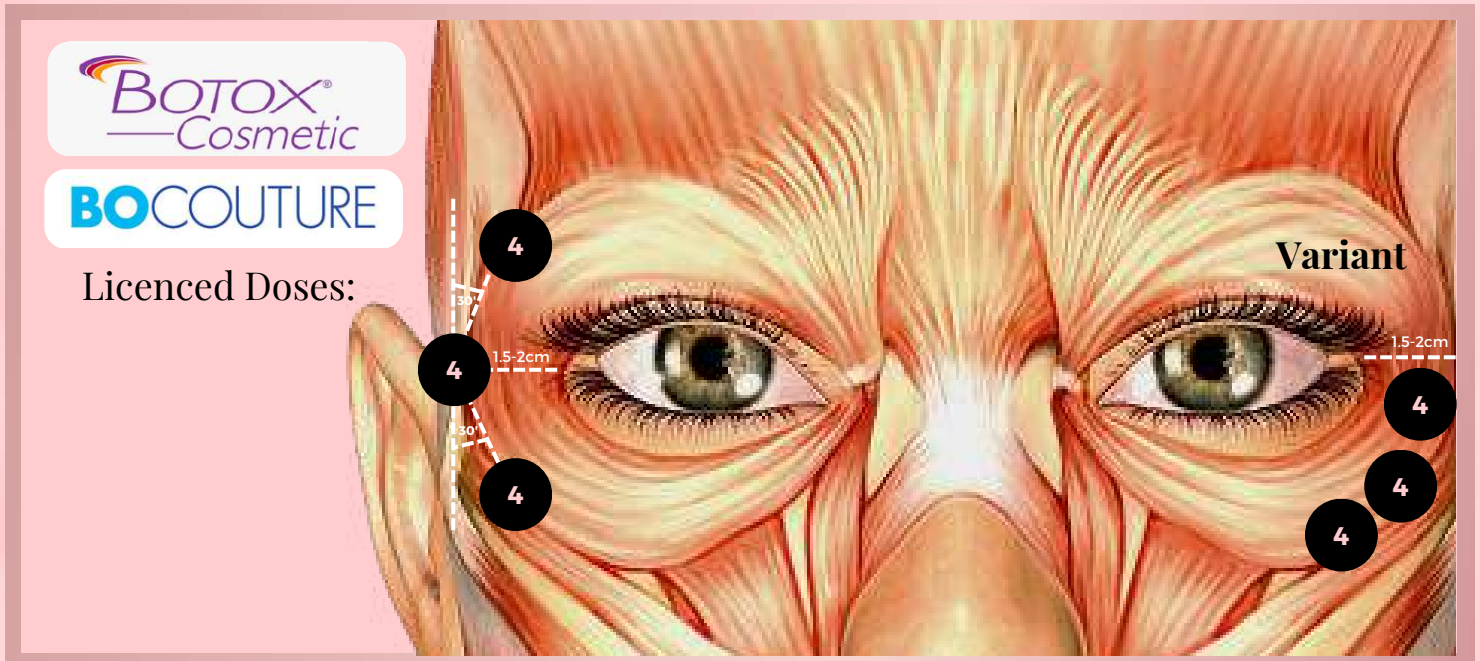
Cautious



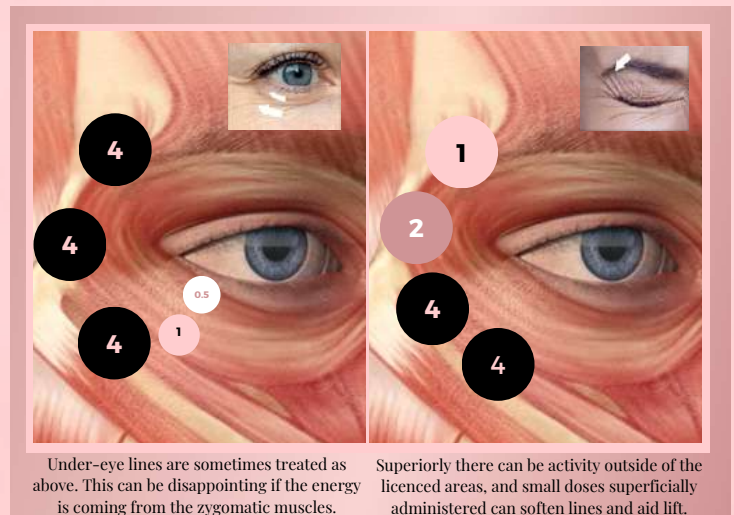
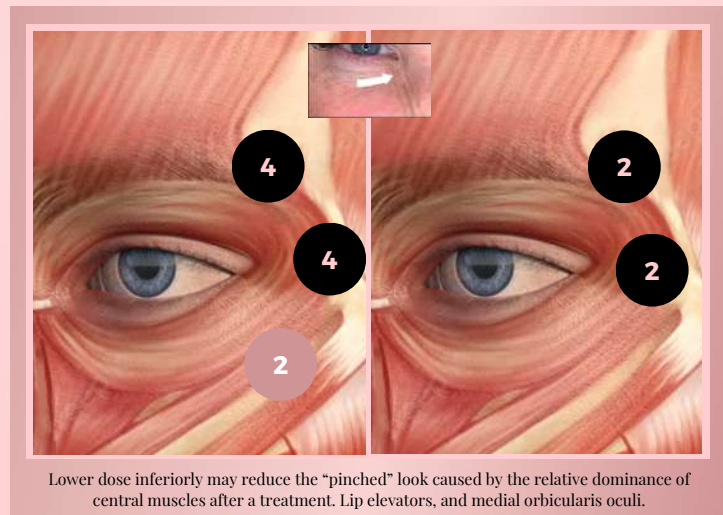
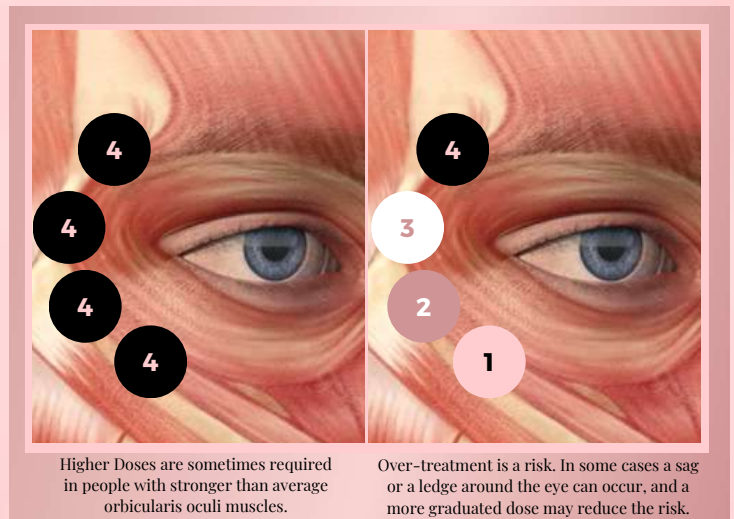
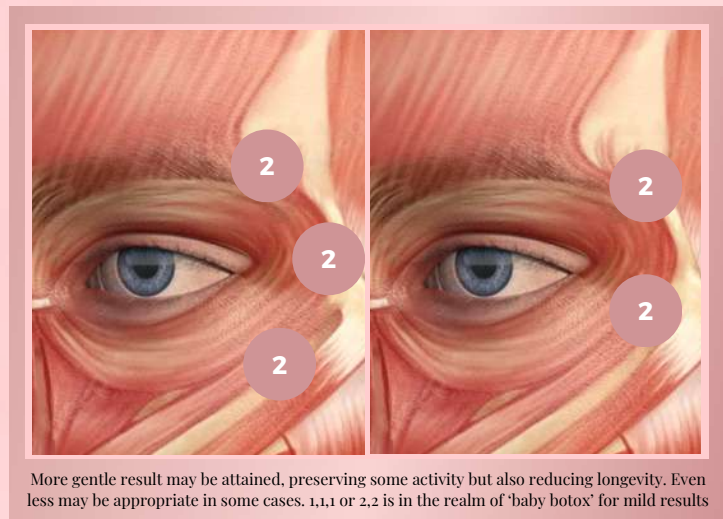
Lower dose above the midpupillary line may decrease eyelid ptosis risk.

Lateral Canthal Lines

Crows Feet



Off Label Variants



Forehead Lines

Licensed treatment of forehead lines not brow lift

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BOCOUTURE

Licensed Doses:



Licensed patterns are designed to give acceptable results to the greatest proportion of people treated. They, therefore, are less good at treating anyone with atypical. You can see that there are areas of untreated muscle in these diagrams which may result in follow-up or undesired results in some cases.

What follows are some variations of the patterns that enable tailoring of the treatment design to differently shaped foreheads and to create different results, such as change the brow shape instead of just softening of the lines, which these lines.

Variations In Forehead Treatment Design



Foreheads are highly variable, as are the desired goals from botulinum toxin treatments. Eyebrow lifts, frozen or soft treatments are often requested in the context of a wide variety in the physical size and dynamic characteristics of foreheads. The skilled clinician must learn to design treatments around all these variables, as the licenced dosages reveal their limits in many of these contexts. It's vital to understand that both licences are for treatment of horizontal lines, and do not claim to prevent brow ptosis as a side effect. Variations below are ways of attaining lift and reducing the incidence of ptosis varieties of dose and position.

Skin Creases

Dropzone

To understand the forehead, you must understand the 4 zones- lateral forehead is important for eyebrow lift, and should be left untreated if an eyebrow arch is desired. Medial zone is the site of most lines in the average forehead.

The drop zone is higher risk for ptosis and eyebrow asymmetry.

Licensed Doses:

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Medial zone is the site of most lines in the average forehead. The drop zone is higher risk for ptosis and eyebrow asymmetry.

Licensed Doses:

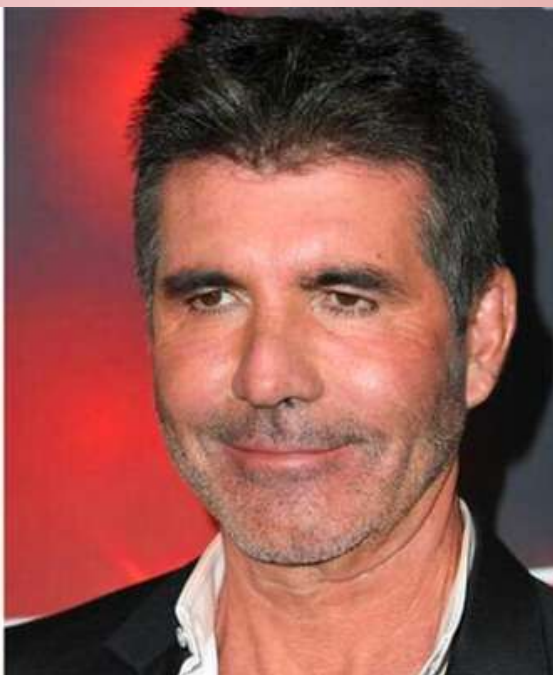
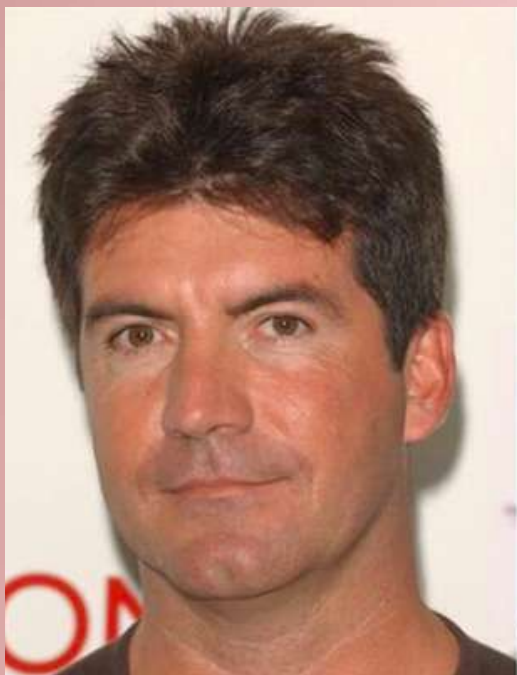
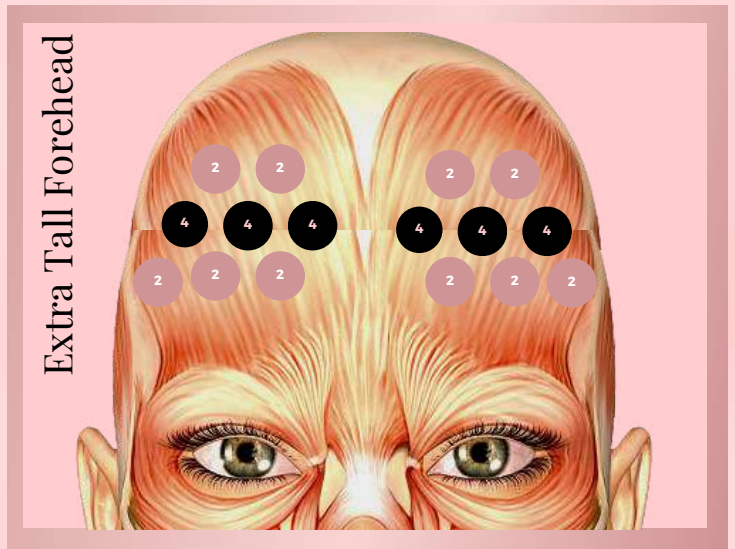
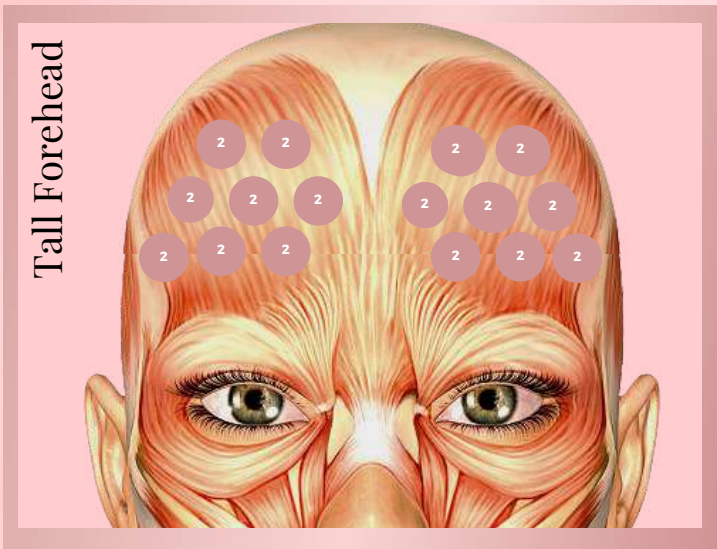
Most females look better with an angle in their eyebrow of about 15 degrees from the medial low point. To achieve this you must leave some lateral muscle active above the eyebrow. 3-4 cm of muscle untreated from the orbital rim in a direction which would pull the arch. If too much is left you can get ladder lines. To soften them, add a little more in the top of the triangle illustrated.

Licensed Doses:

For bigger lifts, less toxin should be injected in the lateral frontalis. There is an increase in resting tone of untreated muscle when the medial frontalis is treated.

NB: ALL SUGGESTED TREATMENTS IN THE FOREHEAD ASSUME GLABELLA TREATMENT IS ALSO BEING PLANNED.

Variations In Forehead Injection Patterns



The forehead is the hardest area of the face because it is literally a balancing act.

It is essential to leave some parts untreated to support the eyebrows and the medial forehead, but if you leave too much muscle it can lift.

Thus the boundary placement between treated and untreated muscle is the deciding factor for results.

You can learn the most from seeing poor results and deciding what may have caused the disharmony you can see.

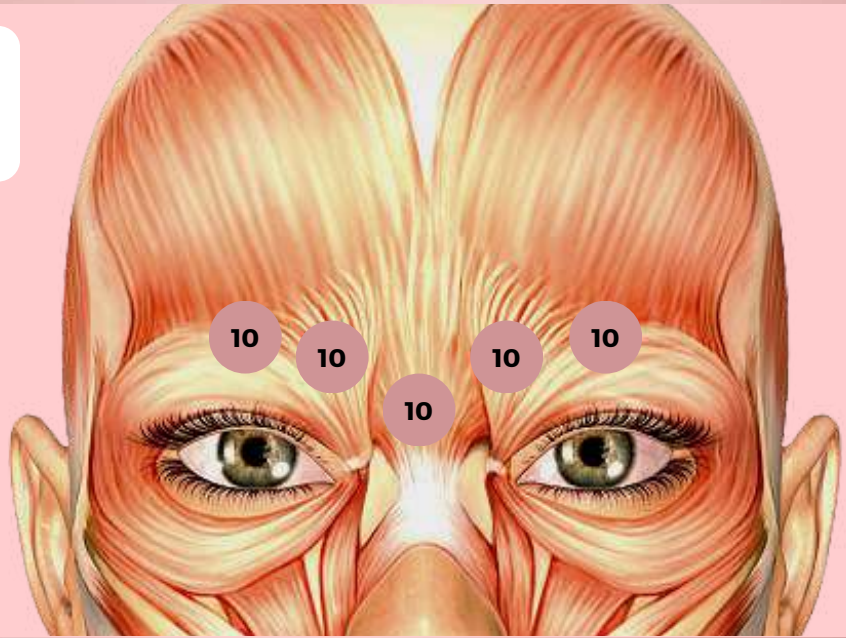
Greater understanding through case studies will decrease the risk of poor results with your patients.

Glabella Lines

Frown Lines

AZZALURE

Licensed Doses:

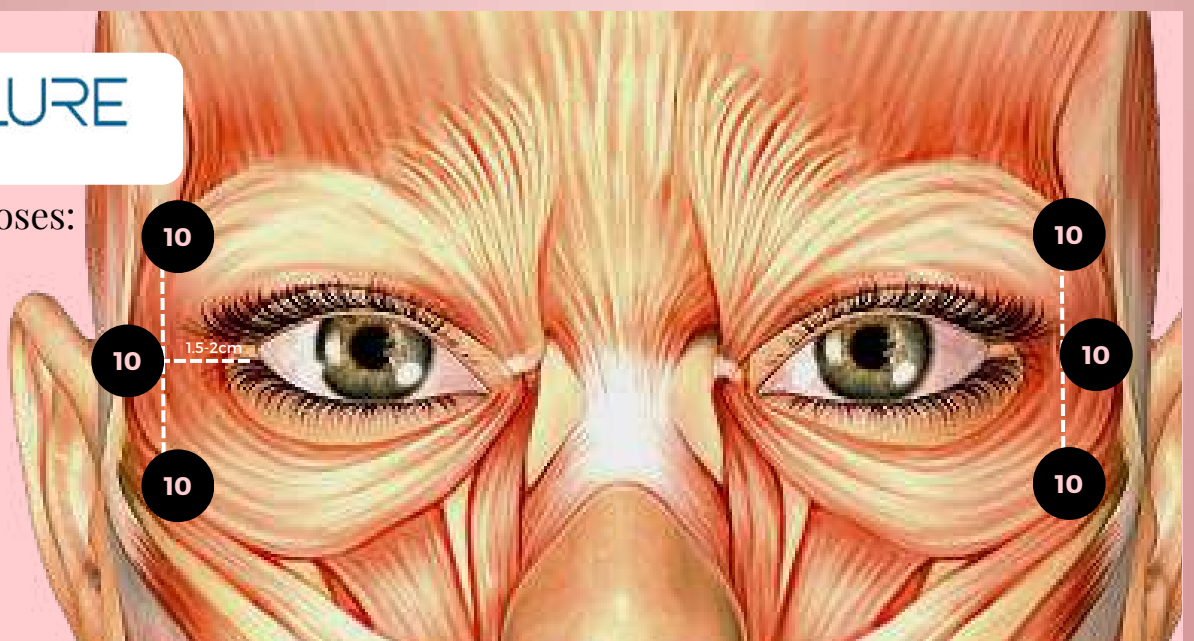


Lateral Canthal Lines

Crows Feet

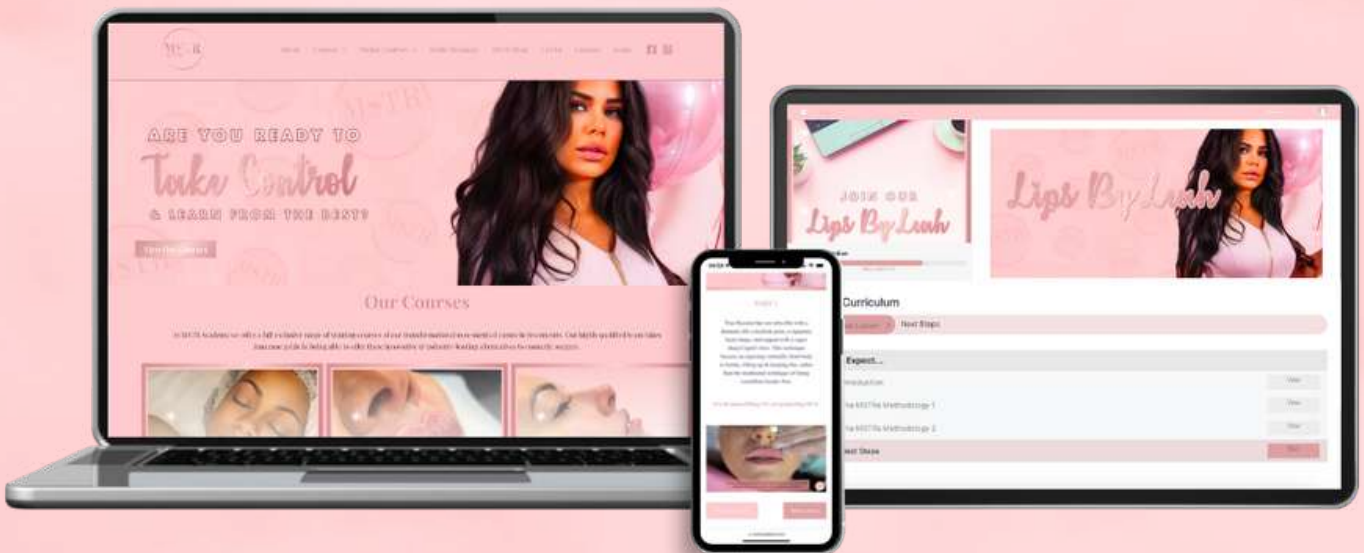
AZZALURE

Licensed Doses:



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