

Periocular fillers: could be your best friend or your worst enemy



Dr. Bassem Morshed
Oculoplastic surgeon

NO FINANCIAL INTEREST

Recently, the awareness of people towards aesthetic procedures is continuously rising.



What is filler?

- A substance that is injected in different sites of the face, to;
 - Plump thin lips
 - Enhance shallow contours
 - Soften facial creases and wrinkles
 - Improve the appearance of recessed scars
 - Reconstruct contour deformities in the face
 - Decrease or remove the shadows in the lower eyelids



ADD OR RESTORE VOLUME

What are the types of fillers?

- **Hyaluronic Acid (HA):**
 - Naturally occurring substance already found in skin
 - Soft and gel like
 - Results are temporary (6-18 months)
- **Calcium Hydroxylapatite (CaHA):**
 - Naturally occurring substance found in bones
 - Thicker than HA
 - Last longer than HA
 - Stimulates natural collagen production
- **Poly-L-lactic Acid:**
 - Biocompatible biodegradable synthetic substance
 - Collagen stimulators
 - Smooth fine lines helping rebuilding natural collagen

Factors for a successful injection:

- **Choosing the right candidate**
- **Injecting the proper material**
- **Correct method of injection**

Who is a good candidate?

- Hollow tear troughs
- Dark circles
- Visible blood vessels
- Volume replacing after accidents or surgeries



NEVER TREAT PUFFINESS WITH FILLER INJECTION



Injecting the proper material:



Hyaluronic Acid base filler

Correct method of injection:

- Avoid superficial injection (post orbicularis muscle)
- Avoid large bolus (volume)
- Needle or cannula
- Distribute the filler properly (remoulding)
- 2 – 3 sessions

Mode of injection:

- Application of topical anaesthetic (15 – 20 minutes)
- Injecting the filler (Needle or cannula)
- Site of injection: **post-orbicularis muscle**
- Apply ice compresses after the session for 2 – 3 hours

Needle vs Cannula

Short sharp
tip

Long blunt
tip

Multiple entry
points

Single
entry point

Higher risk of
bruising

Less risk
of bruising

More precise

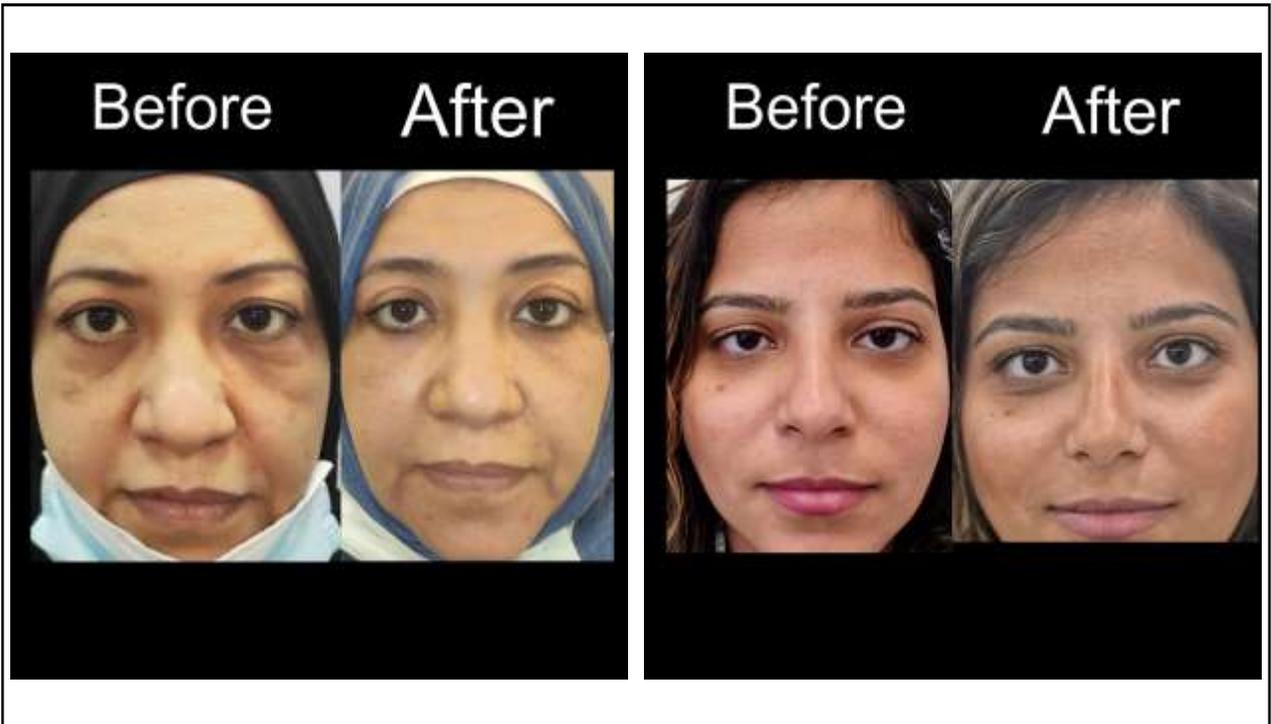
For large
areas

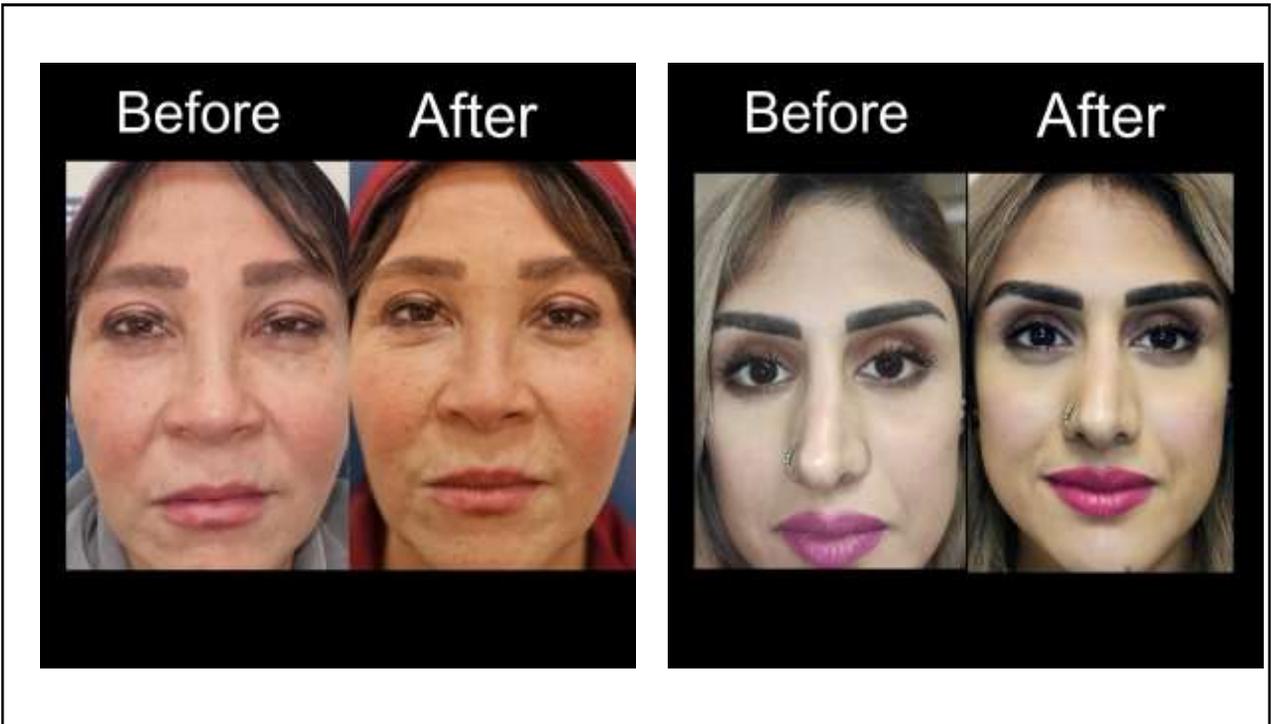


Possible side effects:

- Redness
- Puffiness (bumps under eye)
- Small red dots at the injection site(s)
- Bruising
- Vascular occlusion
- Uneven results
- Tyndall effect (superficial injection close to the skin)







TAKE HOME MESSAGES

- Aesthetic non-surgical procedures are inevitable
- Filler is a useful tool for rejuvenating the periorcular area
- Following the proper guidelines provides satisfactory results
- Counseling before the procedure is very important
- Be conservative as much as possible (patient will forgive you)

*Don't put the blame on
the filler, but on the
injector*

THANK YOU

