

# ***PLEXR SIMPLE INNOVATION ADDED TO BLEPHAROPLASTY ARSENAL***

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## What is the principle of PLEXR??

- Plasma exeresis.
- It uses the 4<sup>th</sup> state of matter (plasma).
- It ionizes the gas in the air generating a tiny lightening bolt that discharge towards a mass represented by the patient.



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## Superiority of PLEXR

- It causes a very limited and focused injury “sublimation” to the epidermis without affecting basement membrane.
- The treated tissues cools down automatically as a result of evaporation of the lesion liquids during the procedure thus not involving the surrounding tissues.

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## Uses of PLEXR

PLEXR is essential to non ablative plastic surgery to treat skin imperfections and pathologies.

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## Technique of PLEXR

It is available in 3 different power levels.



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➤ **Low power (White handle):**

- Blepharoplasty.
- Epithelial lesions (warts)
- Fine wrinkles.



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➤ **Medium power (Green handle):**

- Xanthelasmae.
- Deep wrinkles and face lifting.



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➤ **High power (Red handle):**

- Large moles.
- Keloids.
- Seborrhic warts and fibromas.



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## Operational modes

- Tissues should be grazed without touching the surface to allow plasma to be formed.
- It can be used either in spray mode, or single spot mode.



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## Healing

- The treated area will swell and will form a crust
- The swelling goes down in 5 days and the crust falls off in about 7 days leaving a pinkish area.



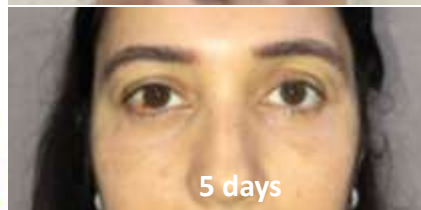
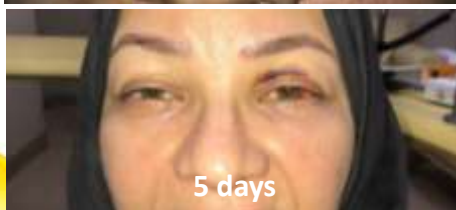
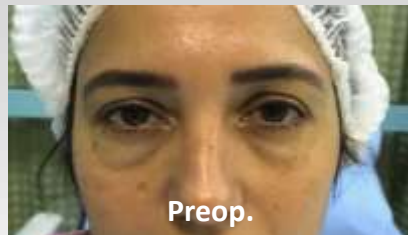
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## Post application treatment

- Ice pack for 30 mins.
- Only use water to wash the area and keep it dry.
- Cream for burn for the first 5 to 7 days.
- Sun protecting creams.
- Peptide rich cream.

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## Results

- In our practice we have found it most beneficial in treating lower lids ,alone or post blepharoplasty, (avoiding external approach).
- In upper lids, it is more suitable for mild cases of dermatochalasis or laxity.
- The manufacturers have been promoting it for being used in treating some bulbar epithelial lesions as (pterygia ,penguiculae or nevi)

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***Thank you...***

