

aesthetic — MEDICINE —



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A SECRET?

*Read her
lips*

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Restylane, the secret
to soft beautiful lips

Beyond Botox



Dr Maryam Zamani discusses the use of Radara and botulinum toxin to treat the periorbital area

When considering treatment for the periorbital area, there are two predominant conditions to focus on, both the static lines and dynamic lines. Botulinum toxin treatment is a common and effective solution for treating crow's feet, although there is a limit to the results achievable when it comes to static lines in the area. I set out to demonstrate the added benefits that Radara's micro-channelling technology, to deliver hyaluronic acid to the epidermis, could achieve for a toxin patient, enabling them to tackle static lines while improving the texture of the skin.

I trialled Radara, an innovative micro-channelling technology to deliver hyaluronic acid to the periorbital area in monozygotic twin men who model professionally. Both patients presented to my clinic complaining of static and dynamic periorbital rhytides particularly pronounced on photography. After discussing various options, we decided both would have botulinum toxin injections to the periorbital area (patient A and B) and one of the subjects would add Radara to his treatment to treat static rhytides (patient B). Both patients had Visia scans and photographs taken before and after treatment. Four units of botulinum toxin were injected in similar injection points on both patients and they returned for potential touch up 10 days later, which they did not need. After one month both patients had repeat Visia scans completed and we discussed their results.

Radara functions to painlessly target fine lines in the periorbital area using micro-channels to allow better penetration of hyaluronic acid into the epidermis. Radara is a five-minute daily, painless application.

Both patient A and B had objective and subjectively diminished periorbital rhytides, due to the function of the botulinum toxin. However patient B, who used Radara daily for one month, noted visible improvement in the texture of his periorbital skin and felt there was a significant reduction

of fine lines and wrinkles over the course of his four-week use. These findings were more difficult to visualise on photography, but clear to the human eye. Using the Visia scan, Subject A had an improvement in his wrinkle score percentile from 42% to 78% and no improvement of texture. Patient B had an improvement in wrinkle percentage from 57% to 77% improvement and an improvement in texture from 28% to 70%. Subjectively both Patient B and I could see better skin texture and decreased appearance of static lines. Perhaps comparing the use of botulinum toxin in Patient A and only Radara in Patient B would have given a better insight to the effectiveness of using Radara alone.

While this is only one case report, it does appear that Radara can be used adjunctively to provide a more intense treatment for periorbital rhytides and to improve skin texture in that area. Radara can be used as a complement treatment to enhance existing skincare regimens and injectable treatments. **AM**

Radara can be used adjunctively to provide a more intense treatment for periorbital rhytides



Dr Maryam Zamani is an oculoplastic surgeon and aesthetic doctor. Alongside her two fellowships at London's Imperial College NHS Trust and Chelsea Westminster NHS Trust, Dr Zamani is a Fellow of the American Board of Ophthalmology, an associate member of the British College of Aesthetic Medicine and the Royal College of Ophthalmology and a member of numerous societies including Surgical Eye Expeditions International and the European Society of Ophthalmic Plastic and Reconstructive Surgeons. Dr Zamani is also creator and founder of MZ Skin.



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