

Dark circles & eyes tired look

RRS® HA EYES A NEW MEDICAL APPROACH FOR REJUVENATION OF THE PERIORBITAL AREA

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RRS® HA Eyes is a new potential synergistic treatment for circles under the eyes and lymphedema. It is a medical device CE class III for injections into the tear trough area, palpebral malar groove and upper eyelid. The main medical proposal for this new therapeutic approach is to minimize side effects during long-term therapy, and be effective and save.

Introduction

Puffiness and dark circles under the eyes are very prevalent complaints in every day cosmetic practice and can be mistaken by tiredness and premature aging.

The most common treatment option in the periorbital area is with cross-linked Hyaluronic Acid and, therefore, it is important to be aware of the usual complications such as swelling by overcorrection, nodules and edema by compression of lymphatic system.

Material and methods

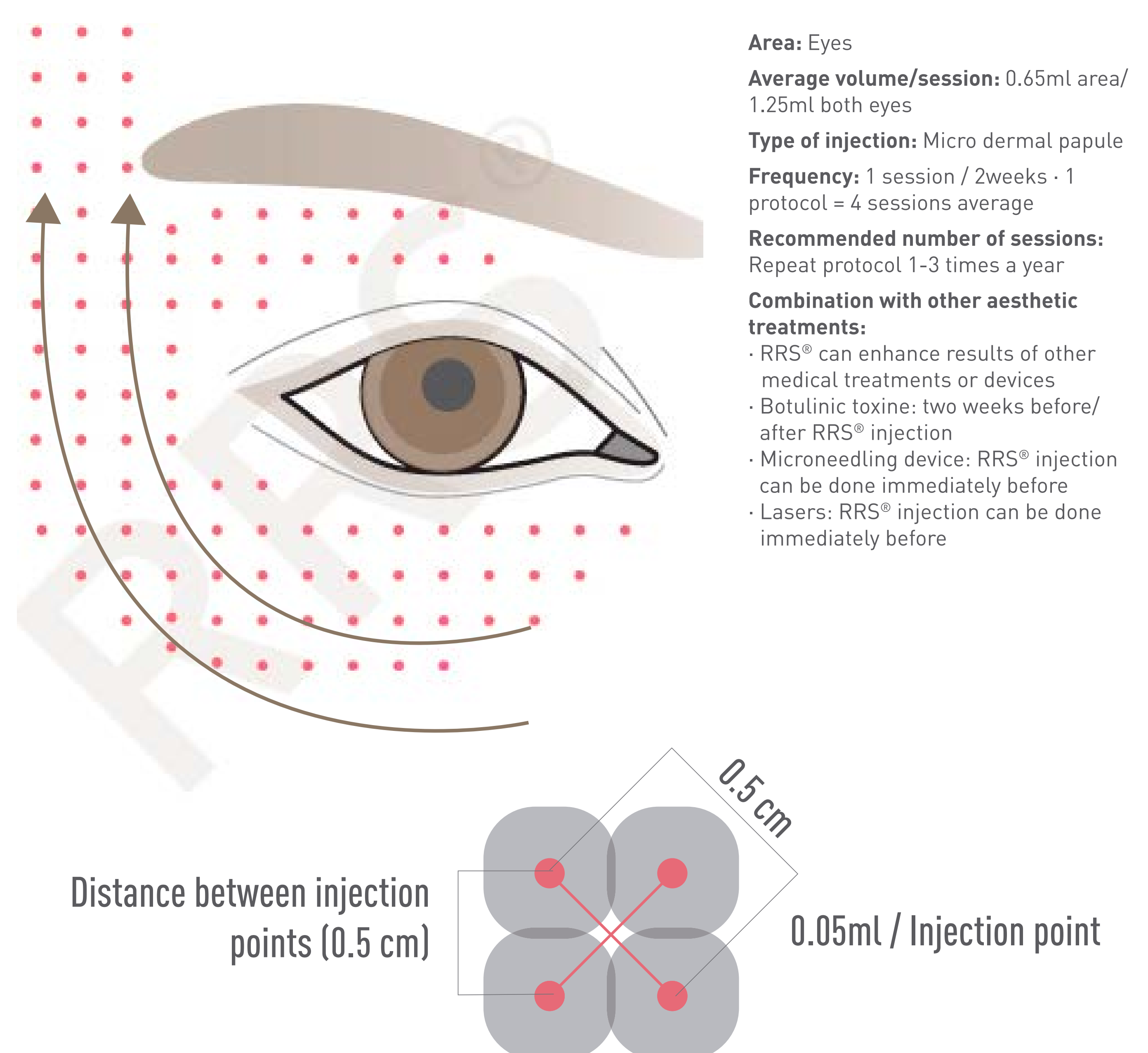
RRS® HA Eyes is a new potential synergistic treatment for circles under the eyes and lymphedema. It is a medical device CE class III for injections into the tear trough area, palpebral malar groove and upper eyelid. The main medical proposal for this new therapeutic approach is to be safe, minimize side effects during long-term therapy, and be effective.

Every ampoule of 1,5mL RRS® HA Eyes contains 5,0mg/mL of non-cross-linked HA associated with active biorevitalization solution (BS 27,3 mg/mL) and helps improving the transport function of the actives from biorevitalization solution. The complex actives of BS are: antioxidants, flavonoids, saponins, polyphenols, peptides and trace element.

Results & conclusion

The results of the study indicate that injections of this product applied on the tear trough, the palpebral malar groove and also the upper eyelid area is a safe and effective treatment with minimum side effects. RRS® HA Eyes does not cause edema, has no overcorrection issues and neither tyndall effect. The best efficacy was observed in case of volume loss on the area of tear trough and palpebromalar groove combined with lymphedema.

Although the results of RRS® HA Eyes treatment are very satisfactory, they require further investigation.



References

1. Tan SR, Glogau RG. Fillers esthetics. In: Carruthers J, Carruthers A. Procedures in Cosmetic Dermatology: Soft Tissue Augmentation. New York: Elsevier-Saunders; 2008:11-18.
2. J.A. Gosling, P.F. Harris e.a.: Atlas of Human Anatomy with integrated texts. Manchester: University Department of Anatomy, 1985, Grover Medical Publishing Ltd.
3. R. Putz, R. Pabst. Sobotta Atlas of Human Anatomy, Volume 1 head, neck, upper limb; 13th edition.
4. R. Rohrich, J. Pessa: The Fat Compartments of the face: Anatomy and clinical implications for cosmetic surgery, Plastic and reconstructive surgery Journal; June 2007; 2219-2227.
5. R. Small, D. Hoang. A practical guide to dermal filler procedures; Wolters Kluwer, Lippincott Williams & Wilkins; 2012; 48.
6. VI. R. Rohrich, J. Pessa: The Fat Compartments of the face: Anatomy and clinical implications for cosmetic surgery, Plastic and reconstructive surgery Journal; June 2007; 2219-2227.
7. VII. L. Behraiani, P. Teissiere e.a.: Vectors for volumisation enhancing the mid-face with hyaluronic acid; Prime, January 2012; 29-40.
8. VIII. Mi Ryung Roh, Kee Yang Chung. Infraorbital Dark Circles: Definition, Causes, and Treatment Options. Dermatol Surgery 2009;35:1163-1171.
9. IX. Sadick NS, Bosniak SL, Cantisano-Zilaka M, Glavas IP, Roy D. Definition of the tear trough and the tear trough rating scale. J Cosmet Dermatol. 2007; 6: 218-22.
10. X. Lasers Surg Med. 2008 Mar; 38(3): 202-4. Management of injected hyaluronic acid induced Tyndall effects. Hirsch RJ, Narurkar V, Carruthers J.
11. XI. LaFalle P, Benedetto A. Fillers: Contraindications, side effects and Precautions. J Cutan Aesthet Surg. 2010; 3: 16-9.
12. XII. Carruthers J, Ritzny B, Sattar G, Carruthers A. Anatomic guidelines for volumetric midface augmentation. Dermatol Surg. 2012; 38: 1223-33.
13. XIII. Lamboni USA. Hyaluronic acid injections for correction of the tear trough deformity. Reconstr Plast Surg. 2007; 120: 745-805.
14. XIV. Vedamurthy M. Standard guidelines for the use of dermal fillers. Indian J Dermatol Venereol Leprol. 2008; 74: 20-7.



RRS® HA Eyes treatment result before & after.



RRS® HA Eyes treatment result before & after.

Recommendation

RRS® Eyes must be used under appropriate aseptic conditions in an authorized clinic on healthy, disinfected skin.

Before the treatment

Before the treatment, the physician should inform the patient:

- about indications and effects
- the possibilities of the side effects (pain, redness, ecchymosis, stinging sensations and swelling, local inflammation, usually disappearing in 24 hours)
- check allergy test

Sensitive skins may benefit from application of an anaesthetic cream prior to the treatment

We recommend to have a consent signed by the patient.

After the treatment

- Avoid extreme temperatures
- Saunas - Hammam
- Direct exposure to sun or UV
- From next day make-up can be used

Contraindications:

Allergy to any of the ingredients. Patients presenting any skin alteration, skin disease, infections or sequelae of streptococcal infections. Patients taking immunosuppressants, undergoing cortical therapy, with autoimmune disease history, patients with uncompensated diabetes, acute joint rheumatics, repetitive angina, and endocarditis.

*No studies are available for use during pregnancy and breastfeeding or in case of treatment on children or minors under 18.

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