

HYDROLIFT™ ACTION:

An innovative approach to obtaining harmonious and balanced facial rejuvenation

Annalisa Beatini discusses her experience using HYDROLIFT™ ACTION with the objective of restoring hydration (HYDRO), volume (LIFT) and turgor, combining cross-linked hyaluronic acid and natural hyaluronic acid, while ensuring safety and efficacy



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IN THE PROCESS OF CUTANEOUS AGEING, the effects of cronoageing and photoageing manifest differently.

The gravitational pull on facial skin, structural bone changes, reabsorption of adipose tissue, and loss of turgor and elasticity owing to elastic fibre and collagen reduction and damage, are some of the problems we work to resolve on a daily basis.

In fact, there are a number of methods that may be used to reverse the effects of ageing, from surgery to laser treatments, to deep peels, but the request received from the majority of patients is for a treatment that is safe, pain-free, with no down-time, and showing immediate results, without complications.

Hyaluronic acid (HA), a molecule naturally present in our skin, has enabled us to respond to these demands; and over time, not only has HA been formulated into different concentrations and cross-linking grades to personalise treatments for the wide variety of imperfections, but at the same time the number of implant methods have multiplied also.

One of the most recent methods implements the use of a cannula, which allows the treatment of the entire face with only four entrance points, using the products most suitable for obtaining the desired results, from restoring facial volume to improving skin texture, radiance, turgor and elasticity.

Generally, these results are obtained through a number of treatments involving the scheduling of different aesthetic treatments, which often compromise patient compliance owing to repeated invasiveness of the entire therapeutic process.

Furthermore, the use of HA at an elevated viscosity and cross-linking grade sometimes causes – especially in very thin skin – the appearance of lines similar to a

‘pipe organ’ where the material has been implanted. This effect is most evident from the entrance point in the zygomatic region to the pre-tragus region, and disappears towards the malar region, where the skin is thicker.

Aims

The objective of the author is to improve and expand the practice of this therapeutic rationale. The concept of HYDROLIFT™ ACTION proposes a simple, effective approach for obtaining this goal. The author has

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chosen to combine ALIAXIN® SR, an intradermal product pre-formulated with a combination of natural and cross-linked HA, with VISCODERM®, a natural HA for biostructuring, or VISCODERM® SKINKO®, a natural HA combined with an anti-ageing complex for biocomplementation, in order to achieve the optimum results.

The rationale behind this method is to regulate the density of the injectable solution in order to obtain a desired lifting effect, and at the same time reach the objective of improving the cutaneous texture through biostructuring or biocomplementation depending on the level of ageing of the patient.

Therefore, the solution obtained by this combination becomes much easier to inject and distribute, and consequently,

the aesthetic results are more natural and homogeneous.

Materials and methods

- ALIAXIN® SR, monophasic gel formulated with three different molecular weights (500 kDA, 1000 kDA, 2000 kDA), containing 22.5mg/ml of cross-linked NAHA and 2.5mg/ml natural NAHA (0.1ppm BDDE)
- VISCODERM® 2.0%, 20 mg/ml NAHA
- VISCODERM® SKINKO® injectable solution in 5ml



vials containing 2mg NAHA plus anti-ageing complex (vitamins, minerals and amino acids)

- Empty sterile syringes: 20cc luer lock
- Three-way valve with luer lock connection
- Cannula: 25G/40mm
- Lidocaine and adrenaline vials 1:100 000.

Patients

Group 1

Five patients were treated with a combination of two syringes of ALIAXIN® SR and two syringes of VISCODERM® 2.0%.

Group 2

Five patients were treated with a combination of two syringes of ALIAXIN® SR and two syringes of VISCODERM® SKINKO'.

The choice of products to inject was based on the degree of skin ageing and the desired results: volume or deep hydration.

The blend

For the first mixture—in a sterile environment—the contents of two syringes of ALIAXIN® SR and two syringes of VISCODERM® 2.0% were transferred into the 20cc sterile syringe, after which the author connected the 20cc syringe containing the products to an empty 20cc syringe using a three-way valve. With one of the valves closed, the product is expelled from one syringe to the other. This action is repeated until the products are completely mixed. The same process is used for the mixture between ALIAXIN® SR and VISCODERM® SKINKO'. This technique is quite rapid and easy to carry out, requiring approximately 5 minutes more than injecting directly from the pre-filled syringes.

After having prepared the solution and injected an anaesthetic with vasoconstrictor at the entrance points, the solution, which is much more fluid compared with traditional HA, may now be injected. When the implant is completed, a delicate massage is recommended in order to distribute the product homogeneously over the treated area.

Results and conclusions

Using the methods described by the author, the result achieved in both groups was a uniform distribution of the product without the negative aesthetic 'pipe organ'



An example from patient group 2—treated with a combination of ALIAXIN® SR and VISCODERM® SKINKO'—(A) before and (B) after treatment

effect. The quantity of solution used has resulted in an optimum facial modelling effect with an immediate improvement in turgor and radiance of the skin. As predicted by the author, the volumising effect was obtained in the first group treated with ALIAXIN® and VISCODERM® 2.0%, while the results of the second group treated with ALIAXIN® SR and VISCODERM® SKINKO' showed an immediate improvement in hydration and radiance.

The author would like to emphasise that there were no reported patient complaints with regard to pain, and all treatments were recorded without side-effects both immediately after the treatment and in the months that follow.

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For further information email: info@viscoderm.com



HYDROLIFT™ ACTION: cannula technique