



REGENYAL  
**idea**  
**Bio-expander**



THE | COLOUR | YOU | ARE

The **4<sup>th</sup>** Dimension  
in Aesthetic Medicine



**BIOREVOLUMETRY**®  green injections



VOLUME AND TISSUE RE-STRUCTURING

## Properties

Regenyal Idea **BIO-EXPANDER** is a bio-revolumetric product that belongs to the category of injection treatments dedicated to complete rejuvenation of the face through volumetric correction and re-structuring of the tissues.

Thanks to an extraordinary elasticity and thixotropic properties, this product integrates perfectly within the tissues proving to be efficient in cases where the target to reach is a high degree of naturalness of the forms.

The synergy with Fidia Farmaceutici – world leader in research on and manufacturing of Hyaluronic Acid, - guarantees for the maximum quality standard in terms of raw material purity; in particular the complete absence of nucleic acids and proteins is a guaranty for superior quality and absolute safety.

Regenyal Idea **BIO-EXPANDER** is a medical device characterized by a high degree of **DIFFUSIVITY, HYDRATION, SOFTNESS AND FLEXIBILITY**.

Specifically designed to be used with micro-cannulae (27 G - 40 mm) this product perfectly spreads within the tissues and follows natural movements of the face.

As great amounts of water are attracted in the skin, an immediate **BIO-EXPANSION** of the product is made possible, whereby the facial volumes are re-balanced.

In addition to that, the free Hyaluronic Acid present provides for the re-structuring of tissues.

It is an injection product based on cross-linked (25mg/g) and free Hyaluronic Acid, meant for treating imperfections in the following facial areas:

- areas of the face that require a volumetric re-balancing of the tissues (cheeks, peri-zygomatic area, mandibular area and chin).

Regenyal Idea **BIO-EXPANDER** is indicated for the treatment of **HYPOVOLUMETRIC DE-STRUCTURINGS (HD)** which are caused by an involutional process that takes place in the course of the years and affects the dermal and hypodermal structure.

In order to maintain an optimal aesthetic result it is recommended to repeat the **BIO-EXPANDER** treatment every 4 months.

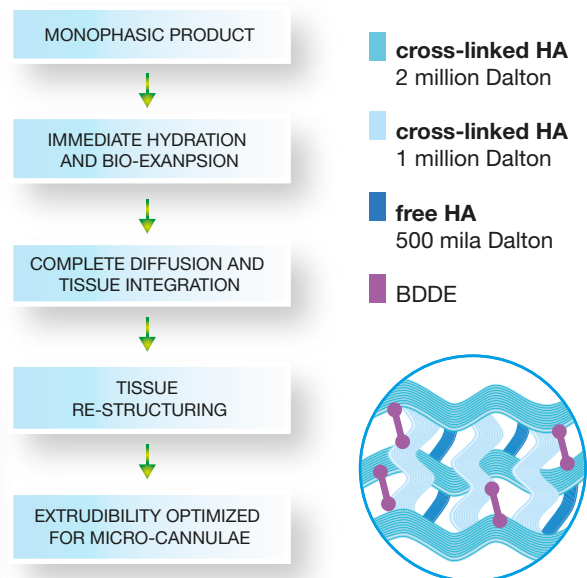
## Innovative patent

For the production of Regenyal Idea **Bio-Expander** 3 molecular weight of HA are implemented, whereby the initial weights is of 1 M Dalton, 2 M Dalton and 500 K Dalton:

- the first two weights are cross-linked and provide the product with **COMPACTNESS** and **STRUCTURE**
- the 500 K fraction remains free providing for **IMMEDIATE HYDRATION** of the skin and implant, while favoring the **RE-STRUCTURING OF TISSUES**.

The different length of the Hyaluronic Acid chains allows for the creation of a highly complex warp, which makes it possible to implement lower amounts of the cross-linking agent (BDDE) in the manufacturing process.

The contemporary addition of activating and reticulating agents during the manufacturing process avoids the formation of over crosslinking areas, and therefore guarantees for a higher degree of homogeneity.



RADIAL TECHNIQUE WITH MICRO-CANNULA



ZYGOMATIC AND LOWER ZYGOMATIC AREA CORRECTION

