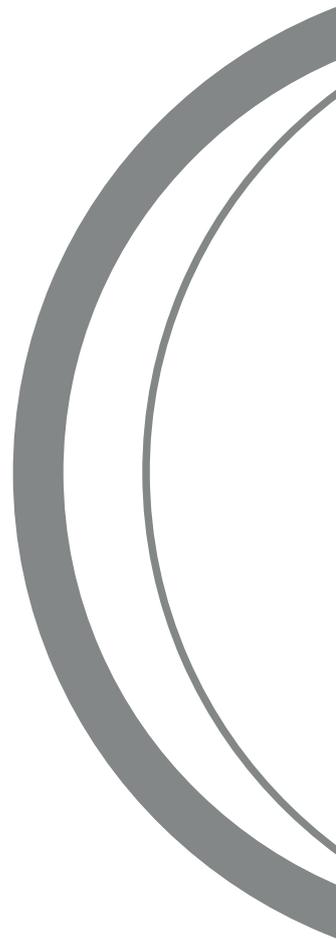




Auralya[®]

filler evolution




BIOFORMULA
THE ITALIAN BEAUTY SOLUTION

Bioformula® fillers are Medical Devices Class III (CE 0373). For medical use only.

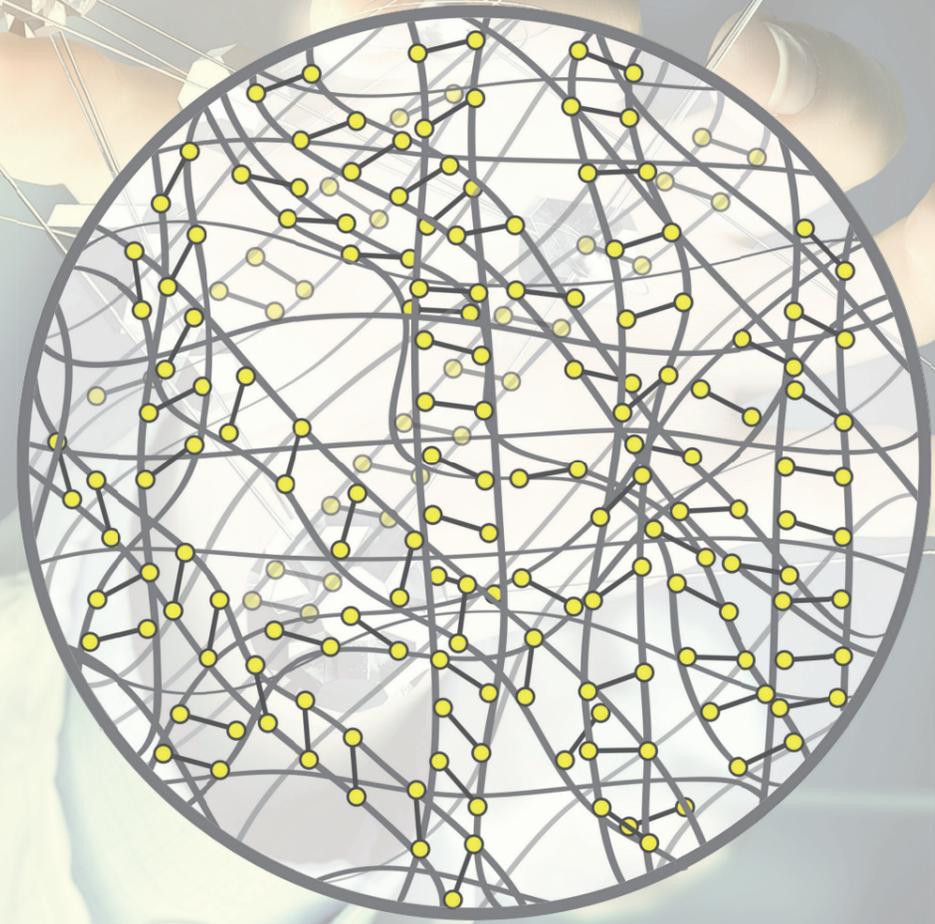


Auralya[®]

crosslinking methods

example of reticulation with
D V S

high consistency
ideal for **volumizing**
short links



LEGEND

-  HYALURONIC ACID
-  CROSSLINKING AGENT (DVS)
-  CHEMICAL BOND



The cosmetic use of HA is linked to its ability to bind a high number of water molecules.

When applied to the skin, this property ensures the right level of hydration, even in the presence of a very low external humidity rate. This wetting action affects the mechanical properties of keratin, which becomes more flexible and elastic.

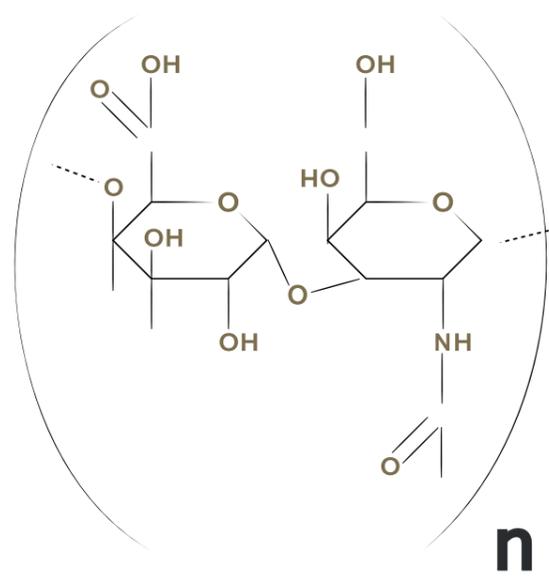
Hyaluronidase quickly degrades Hyaluronic Acid. To slow this process down, HA is often crosslinked with various components (DVS, BDDE, epoxy compounds, etc.). In these cases, it is called crosslinked HA.

In this form, β - 1,4 glycosidic bonds, the breaking of which is catalysed by hyaluronidase, are more protected. Therefore, the degradation of the polysaccharide chain is slower.

It is more difficult for hyaluronidase to degrade a crosslinked hyaluronic acid molecule, because the latter acquires a 3D structure, rather than a linear one, forming stable molecular cages, which are better protected against enzymatic attacks.

Crosslinked HA is more resistant to enzymatic degradation by hyaluronidase.

This resistance increases with the crosslinking degree.



Hyaluronic Acid

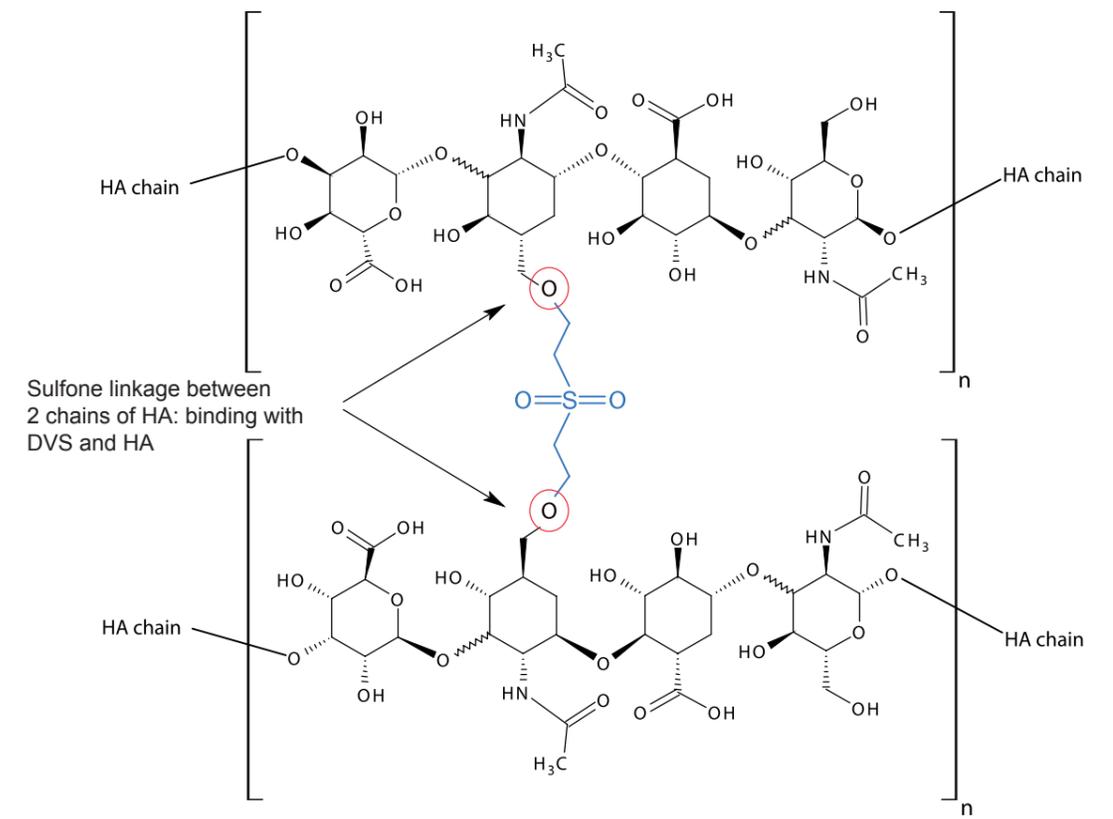
n

This means that the higher the crosslinking degree of HA and the slower its degradation.

Crosslinking is an alkaline treatment of sodium hyaluronate, to which DVS is added.

When divinyl sulfone is used as a cross-linking agent, the hydroxyl (-OH) groups on the HA chains react under alkaline conditions to yield stable hydrogels containing sulfonyl-bis-ethyl linkages. The cross-linking procedure is simple, reproducible, and safe and does not employ any organic solvents.

The result is a network of HA chains that is no longer water-soluble; hydrogels exhibit a mechanical behaviour typical of a strong gel and show favourable viscoelastic properties and an improved injectability profile.

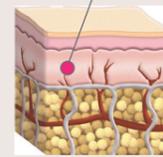
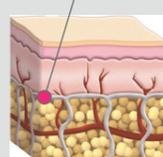
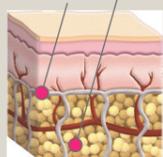




Auralya®

technical data



	● Auralya 1 thin	● Auralya 2 medium	● Auralya 3 deep
PRODUCT CODE	40007	40008	40009
Hyaluronic Acid Concentration (mg /mL)	20	25	30
Composition	Reticulated HA (monophasic)	Reticulated HA (monophasic)	Reticulated HA (monophasic)
Cross-linking agent	DVS	DVS	DVS
Cross-linking percentage	100%	100%	100%
Molecular weight	2.400 - 4.000 kDa	2.400 - 4.000 kDa	2.400 - 4.000 kDa
Viscosity	40-60 Pa*s	70-110 Pa*s	140-170 Pa*s
Fill capacity	● ● ○ ○ ○ ○ ○	● ● ● ● ● ○	● ● ● ● ● ● ●
When should be used	Filling of superficial to fine wrinkles of face Periocular wrinkles	Medium and deep wrinkles Rhinofiller Cheekbone augmentation Very damaged lips	Deep wrinkles Rhinofiller Deep face contouring and chin augmentation
Injection depth	Medium derma 	Deep derma 	Deep derma and subcutaneous tissue 
Packing (Blister)	1 glass syringe x 1,5 mL	2 glass syringes x 1 mL	2 glass syringes x 1 mL
Needle	2 x 30G	4 x 27G	4 x 26G 1/2"
Estimated average duration of results *	up to 6 months	up to 8 months	up to 12 months

Please refer to the package leaflet

* Estimated average duration depends on various factors: patient's skin type, depth of wrinkle to correct, injection area and injected quantity. It is recommended to have the first two sessions within 4/6 months to achieve the best result.



Auralya[®]

indications for use



Auralya 1
Small periorcular wrinkles
Fine wrinkles



Auralya 2
Medium and deep wrinkles
Cheekbone augmentation
Nasolabial folds
Very damaged lips
Rhinofiller

Auralya 3
Deep wrinkles
Rhinofiller
Deep face contouring
Chin augmentation



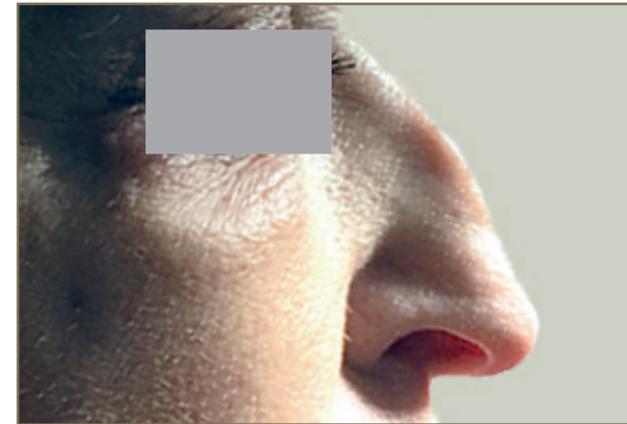


our workshops

experience: results



Rhinofiller



Deep nasolabial folds



Reshaping mandibular profile





bioformula & I.R.A.

the winning partnership

our strenght

I.R.A. – Istituto Ricerche Applicate and Bioformula are world-renowned all-Italian companies that meet all the requirements of an ever-expanding market.

These companies make products creating the entire value chain from scratch: from research and development of fomulas to the development of analysis methods; from targeted projects to new products using leading-edge technologies and ensuring the highest manufacturing standards.

I.R.A. – Istituto Ricerche Applicate and Bioformula have been standing out for their professionalism, rigour, and flexibility for over 20 years, gaining the trust of aesthetic medicine professionals.



marketing & training

We focus on Marketing by providing a series of instruments to promote the activities of your medical practice, and on Training by keeping industry professionals up-to-date with the latest scientific developments.

safety & traceability

Our traceability system allows us to track down the chemical and physical data of every production batch, thereby ensuring a quick response to clients who want to know more.

a young, dynamic & flexible staff

We are a team of young, dynamic people who know how to meet our clients' requirements and enhance the potential of our products.





Auralya[®]

survey data



89% of patients are satisfied with the results achieved.

78% of professionals found the product very malleable.

80% of patients found the injection tolerable.

81% of professionals did not detect any adverse effect after treatment (burning, swelling, edema, etc.)

72% of professionals are very satisfied with the results obtained.

Survey data collected in 2017.



Official Distributor:

A large rectangular area defined by a dotted border, intended for the name and details of the official distributor.