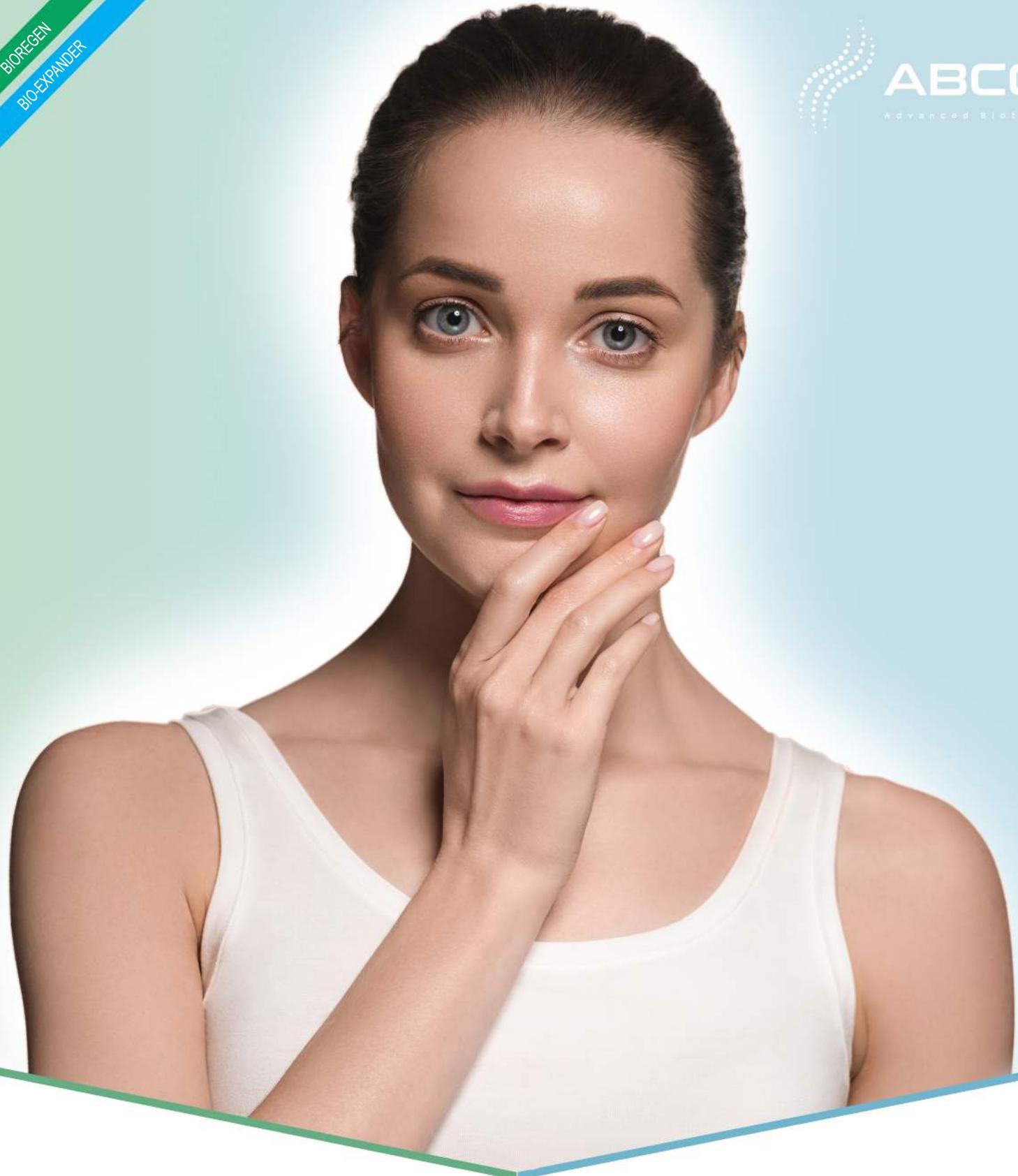


BIOREGEN
BIO-EXPANDER

ABCO
Advanced Biotech



Reganal Mix

TWO PRODUCTION TECHNOLOGIES
BIORIVOLMETRIA + MULTIFRACTIONAL BIO-INDUCTION

REGENYAL
LABORATORIES

Regenyal Mix



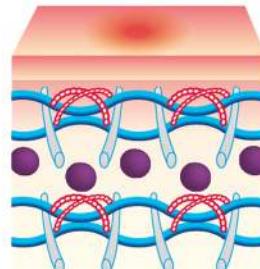
BIORIVOLUMETRIA
+
MULTIFRACTIONAL
BIO-INDUCTION



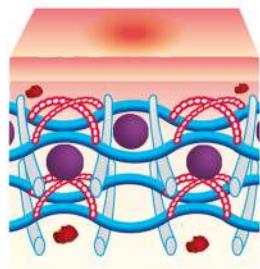
MADE IN ITALY

INTERCALATED FREE HYALURONIC ACID

1 One cross-linked layer alternates with one free layer



2 The intercalated HA is protected from enzymatic degrading and is released slowly



REGENYAL mix is the FIRST medical device of the Regenyal Idea line made with TWO production technologies: BIORIVOLUMETRIA and MULTIFRACTIONAL BIO-INDUCTION. This means that linear hyaluronic acid, before the intercalation process, is further divided into 5 fractions of different molecular weight, greatly enhancing the restructuring and regenerating action of the product.

TWO PRODUCTION TECHNOLOGIES

BIORIVOLUMETRIA

PHASE 1

Cross-linking two different molecular weights of HYALURONIC ACID (HA 2 Million Dalton + HA 1 Million Dalton) results in a 3D matrix with optimized viscosity.

SMALL PARTICLE SIZE (1 - 3 μ m)

PHASE 2

The intercalation process involves the formation of crosslinked layers alternating with linear free HYALURONIC ACID layers during the production phases.

BETTER INTEGRATION AND DIFFUSION IN THE TISSUES

PHASE 3

The intercalated HYALURONIC ACID is protected against enzymatic degradation and slowly released.

NATURAL CORRECTIVE EFFECT

30% LESS THAN BDDE COMPARED TO COMMON FILLERS OF EQUAL VISCOSITY



MULTIFRACTIONAL BIO-INDUCTION 3 ACTIONS - 5 MOLECULAR FRACTIONS

LOW MOLECULAR WEIGHT

OLIGOMERIC FRACTION 2 K DALTON

REGENERATING ACTION

MEDIUM MOLECULAR WEIGHT

500 K DALTON / 200 K DALTON
100 K DALTON

RESTRUCTURING ACTION

HIGH MOLECULAR WEIGHT

1 MILLION DALTON

MOISTURIZING AND ANTI-RADICAL ACTION

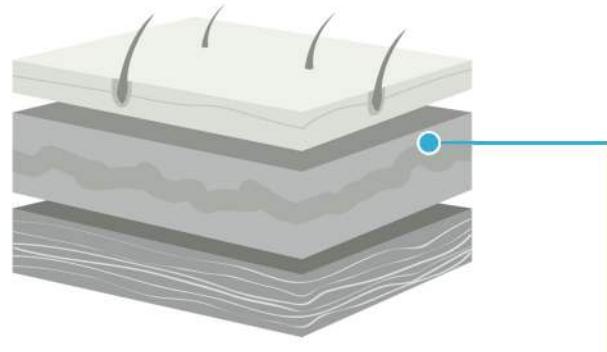
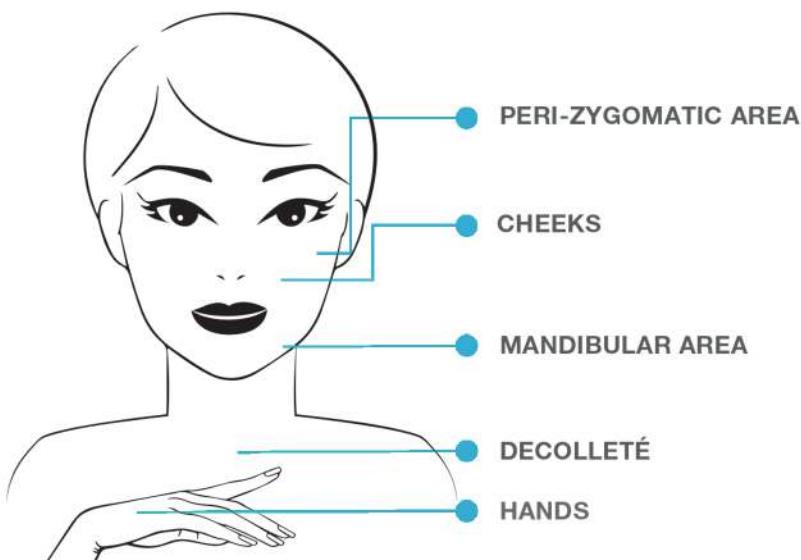
Reganal Mix

ACTION

HIGH LEVEL OF RESTRUCTURING



RECOMMENDED INDICATIONS



Injected into the dermis, the product will improve the skin in terms of **elasticity, hydration, turgor, stimulation and recovery** of the tissues.

Reganal Mix

COMPARATIVE TECHNICAL SHEET



NEW

		
	Technology	BIORIVOLUMETRIA + MULTIFRACTIONAL BIO-INDUCTION
	Molecular Weight	CROSS-LINKED HA (1M DALTON + 2M DALTON) + 10% LINEAR INTERCALATED MULTIFRACTIONATED HA (2K DALTON +100K DALTON + 200K DALTON + 500K DALTON + 1M DALTON)
	BDDE	● ● ○ ○ ○
	HA Concentration	25 + 16 mg/ml
	Duration	4/5 MONTHS
	Dosage	1.1 ml + 1 ml
	Action	HIGH LEVEL OF RESTRUCTURING and hydration
	Package	3 X 1.1 ml + 3 X 1 ml
	Needle	3 NEEDLES 33G X 4mm + 26G X 13mm
	Cannula	1 CANNULAE 27G X 37mm
	Patent	N. 10201800006127 / N. 0001408222

MADE IN ITALY

Informational material for physician