



pbserum

M E D I C A L

CATALOGUE

Medical

pbserum medical line was created to significantly improve skin health by fighting specific facial and body conditions.

It is the only product line in the world with biotechnology based on second generation recombinant enzymes, proven efficacy and approval by diverse health authorities around the world.

These last-generation enzymes are obtained through a new and unique DNA recombination method that works directly on bacterial chromosome. The enzymes obtained are purer and more stable, which further reduces the immunogenic potential and improves their efficacy and safety.



pbserum

LOW MEDIUM HIGH

The only recombinant enzymatic system in the world.

- Three products designed for specific indications
- Last-generation enzymes
- Ready-to-use, easy-to-apply and minimally invasive device

Collagenase PB220, Lipase PB500 and Lyase PB72K

Innovative procedure based on **High Molecular Weight Hyaluronic Acid (HMW-HA)** and an adjuvant recombinant enzymatic system, which act together to improve the results on specific indications.

HMW-HA (High molecular weight hyaluronic acid).

Effect: Anti-adhesion

The HMW-HA is designed for the prevention and treatment of fibrosis; thanks to its unique characteristic as physical barrier, it prevents fibrotic tissue adhesion.





Collagenase PB220,
Lipase PB500
and Lyase PB72K

LOW

Presentation designed for facial reshaping



Collagenase PB220,
Lipase PB500
and Lyase PB72K

MEDIUM

Presentation designed for double chin,
localized fat and cellulite

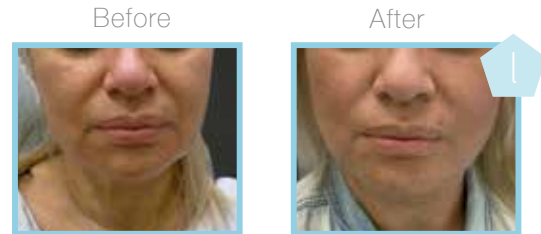


Collagenase PB220,
Lipase PB500
and Lyase PB72K

HIGH

Presentation designed for scars
and postsurgical fibrosis

Modifies tissue mechanisms to reshape and rejuvenate the patient's face



Courtesy of Dr. Rena Soltanova (Azerbaijan)

Reduces the volume of adipose tissue, regaining the patient's confidence



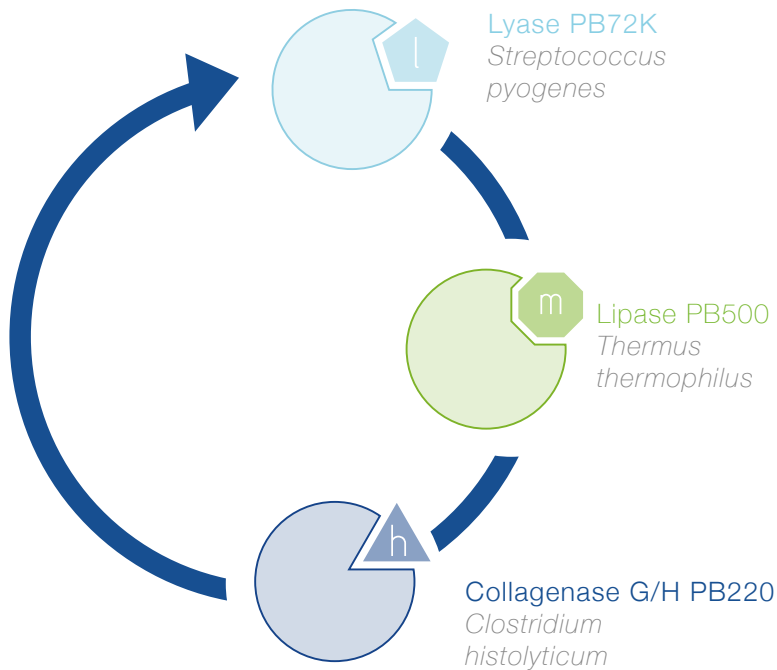
Courtesy of Dr. Carmen Martín (Spain)

Acts directly on the fibrotic septum, improving the patient's appearance and functionality



Courtesy of Dr. Andreea Boca (Romania)

Synergy effect of enzymatic system



Lyase

Effect: Degradation of proteoglycans. Due to its action on proteoglycans it increases the fluidity of the extracellular matrix. Thus, it improves tissue permeability, favors other active ingredients dispersion and reduces liquid retention and volume.

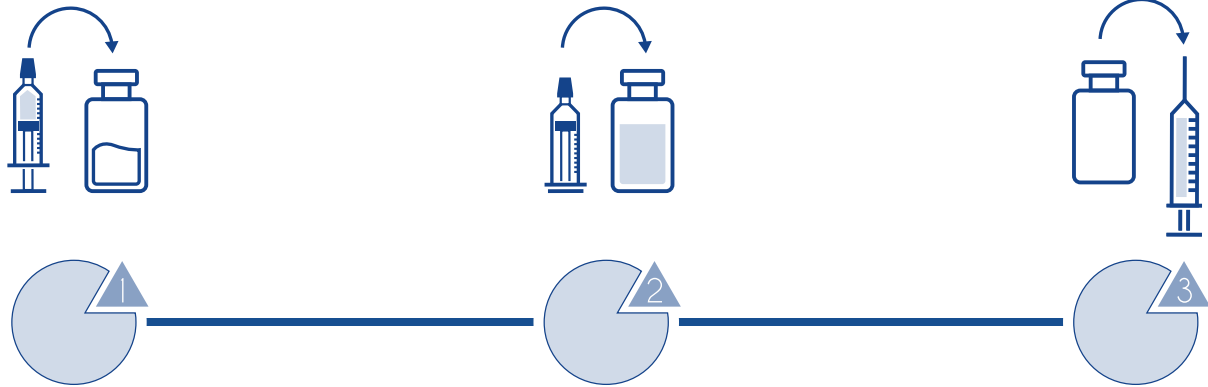
Lipase

Effect: Degradation of triglycerides. It metabolizes triglycerides into glycerol and free fatty acids. Lipase acts inside the adipocyte, reducing its volume without cell rupture nor tissue damage.

Collagenase

Effect: Degradation of collagen. It breaks down wrong-shaped collagen fibers while stimulating the fibroblasts to synthesize new and well-shaped collagen fibers, which remodel fibrotic tissue.

Reconstitution



1. Add the entire content of the pre-filled syringe into the lyophilized vial and withdraw the resulting dilution.

2. Pour the dilution into the reconstitution vial.^{1,2}

3. Load the dilution into the application syringes.

¹It is recommended to adjust the volume according to the patient's characteristics and area to be treated, treatment's indication scheme and/or if you decide to use anesthetic. In this case, previously extract the amount of saline solution that is not going to be used with another new syringe, maintaining the minimum dilution of 3 mL and maximum of 20 mL.

²If you decide to use anesthetic, the use of up to 0.5 mL of simple 2% lidocaine (without epinephrine) is suggested; the anesthetic is added to the saline vial at the end of step 2, before loading the total dilution into the application syringes.

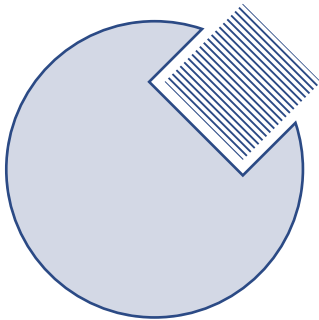


pbserum

FILLER CORRECTOR

Specifically developed for HA degradation

- Immediate solution to HA complications and modulations
- 2nd generation recombinant enzymes
- Lower immunogenicity



Hyaluronate lyase
Streptococcus
pyogenes

Hyaluronate lyase

Effect: Degradation of proteoglycans.
Depolymerizes hyaluronic acid.
Correction of undesirable effects
and side complications associated
with the application of hyaluronic
acid-based fillers.

Two presentations designed for different needs

HA PARTIAL CORRECTOR



Excess volume
Asymmetries
Tyndall effect (blue coloration)
Edemas
Granulomas
Nodules
Biofilms



HA TOTAL CORRECTOR



Severe complications
(ischemia and necrosis)
Dissatisfaction with the
aesthetic result
"Starting from scratch"

Patient Profile

Before



After



Courtesy of Dr. Andreea Boca (Rumania)



Courtesy of Dr. Edgar Jair Barrios Carranco (Mexico)



Learn more and register at:

professionals.pbserum.com



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