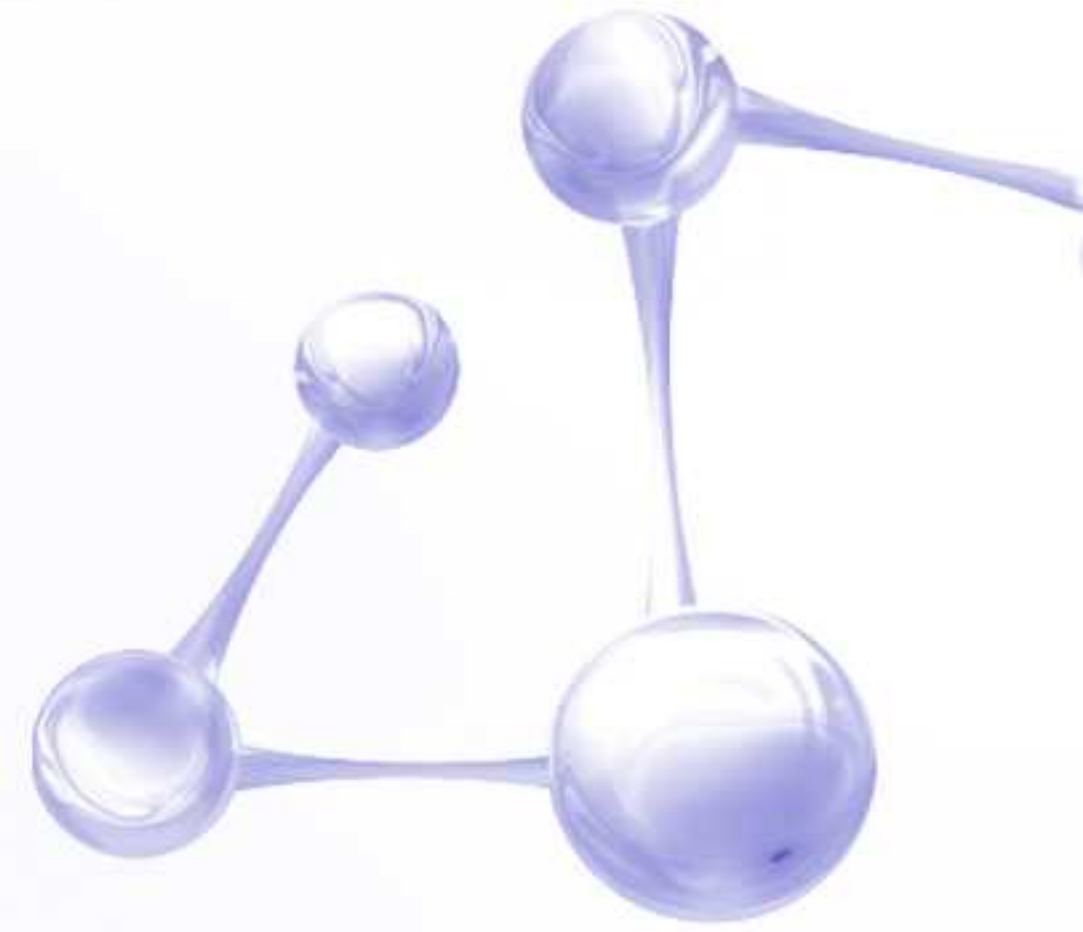


PLLA



Poly-L-Lactic Acid 2

Create a perfect and unique version of you !



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ABOUT THE ANGELFILL



■ Main structure and Description

Angelfill is a dermal tissue filler , composed of poly-L-lactic acid , sodium carboxy-methyl cellulose and mannitol. It is white lyophilized powder, packed in a bottle, sealed with butyl rubber stopper and aluminum-plastic cap . It needs to be redissolved into suspension with sterile water for injection.

■ Indications

Angelfill is used for deep dermis injection to increase the volume of depressed areas and correct moderate to severe facial wrinkles.

■ Sterilization

Electron beam radiation

■ Storage and Shelf Life

Stored in 4°C~30°C environment
Shelf life is 2 years

■ Product Name

Poly-L-Lactic Acid Filler for Injection

■ Specifications

150 mg

ANGELFILL FEATURES

Angelfill Poly-L-Lactic Acid Filler For injection

is a dermal tissue filler, administered by injection into the deep layers of the dermis to achieve wrinkle-filing effects.

This PLLA injection Filler is a white lyophilized powder, requiring reconstitution with sterile water for injection to form a suspension.

The particle size of this PLLA injection filler is D50:20–50µm.

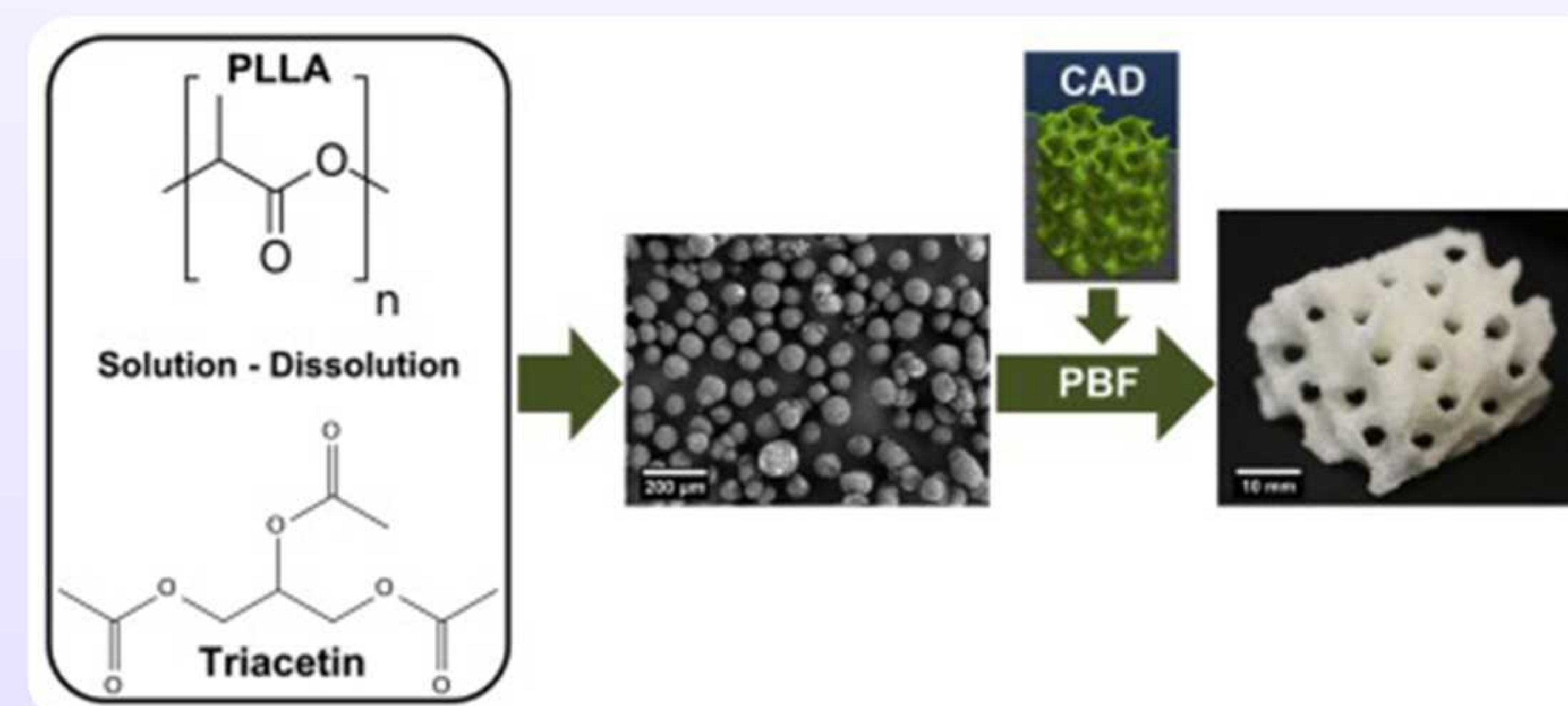
It is intended for deep dermal injection to correct moderate to severe nasolabial wrinkles and facial wrinkles.

Angelfill generates new collagen to replace the collagen that has been lost and fills in the deficient parts, helping restore the beautiful moments of your life.

What is PLLA?

Poly-L-lactic acid (PLLA) is one of the few FDA-approved, safe, and reliable biodegradable synthetic biomaterials.

The intermediate product of PLLA degradation is lactic acid, which ultimately undergoes self-metabolism in the body, breaking down into water and carbon dioxide. It can stimulate the natural regeneration of collagen and elastic fibers in the body, effectively improving facial sagging, wrinkles, and other skin issues.

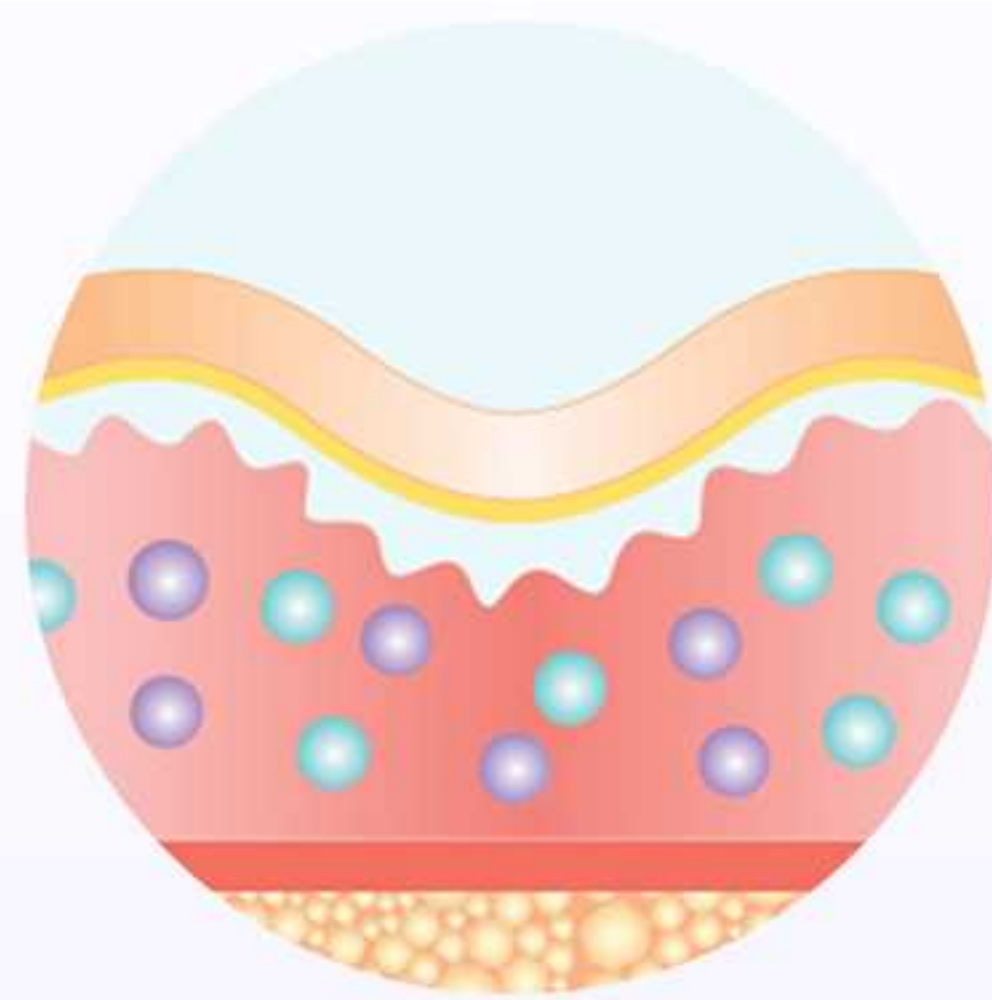


MECHANISM OF PLLA

In the deep layers of the dermis, circular granular filler particles are observed, surrounded by a small number of fibroblast cells, indicating the generation of new collagen.

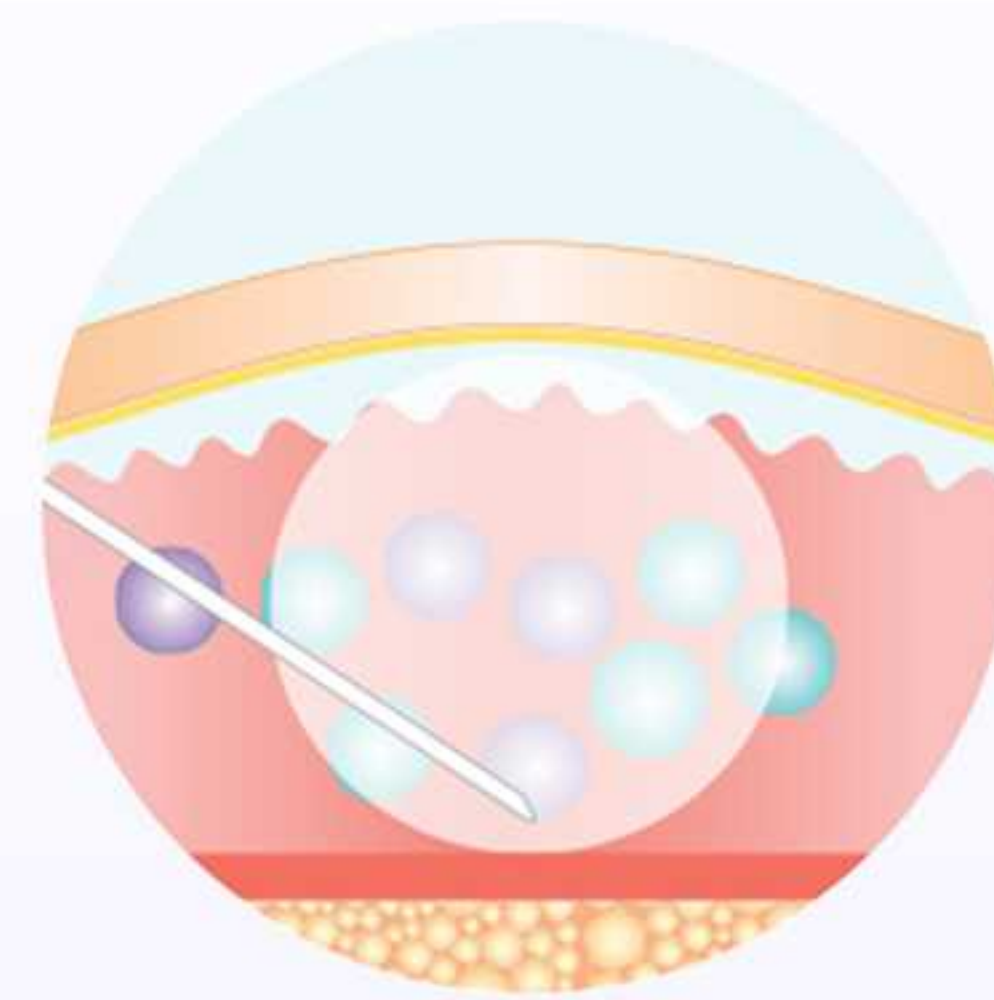
Some collagen appears coarse, enveloping the implant.

There is minimal infiltration of inflammatory cells around the implant.



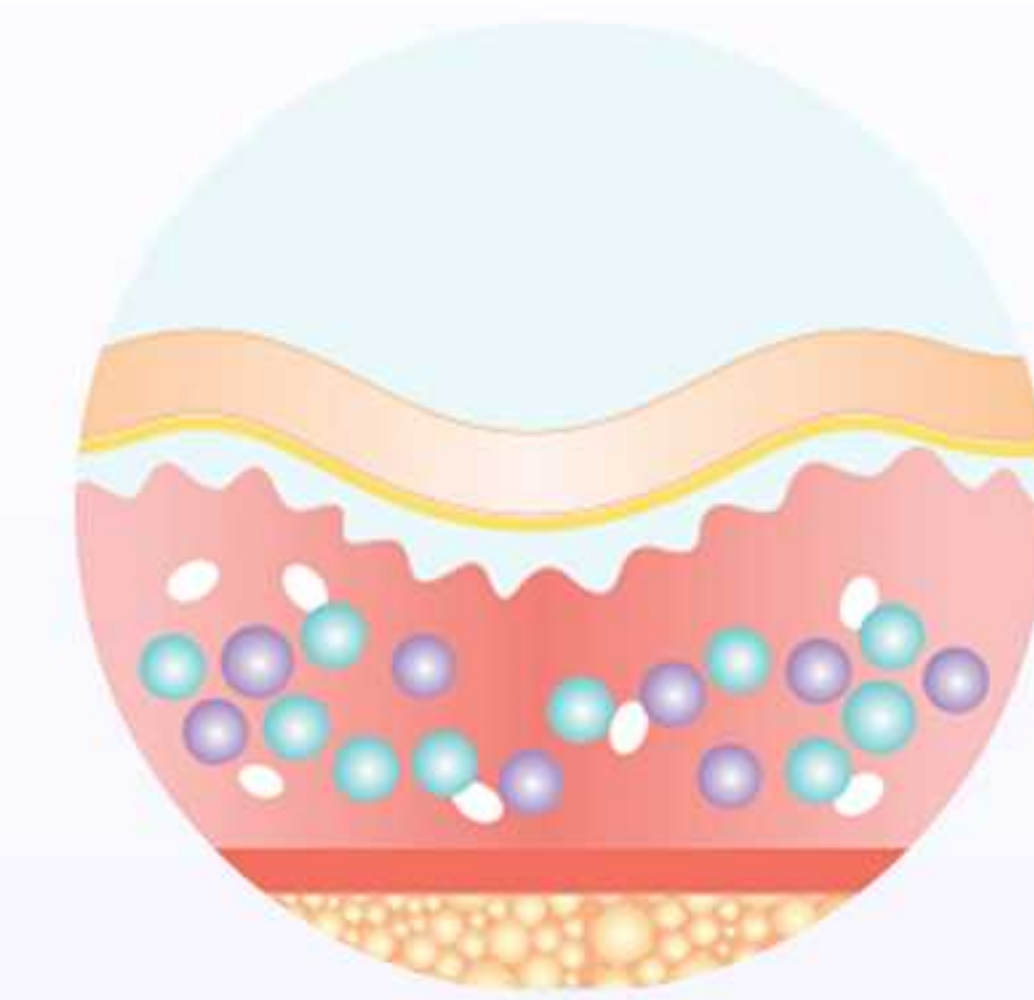
Before Injection

Depression before treatment.



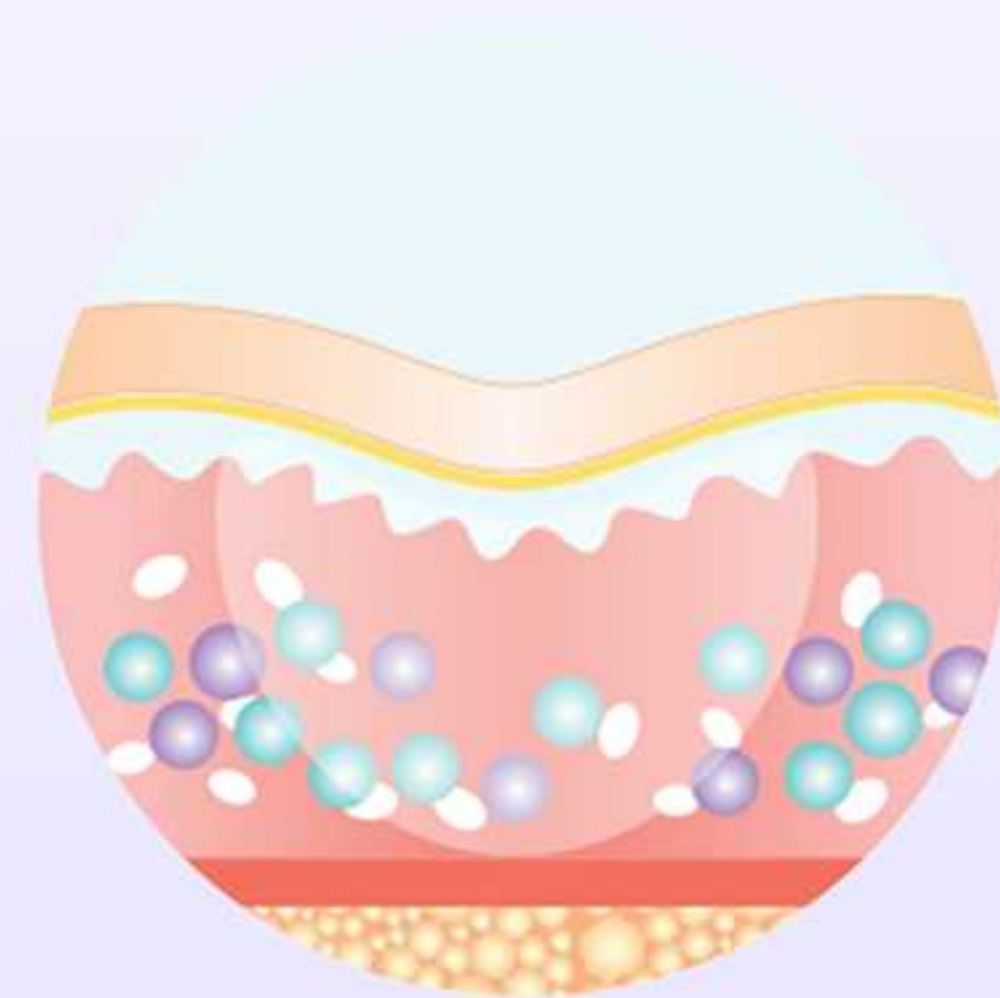
0-1 days after injection

PLLA injection immediately filled in the depression.



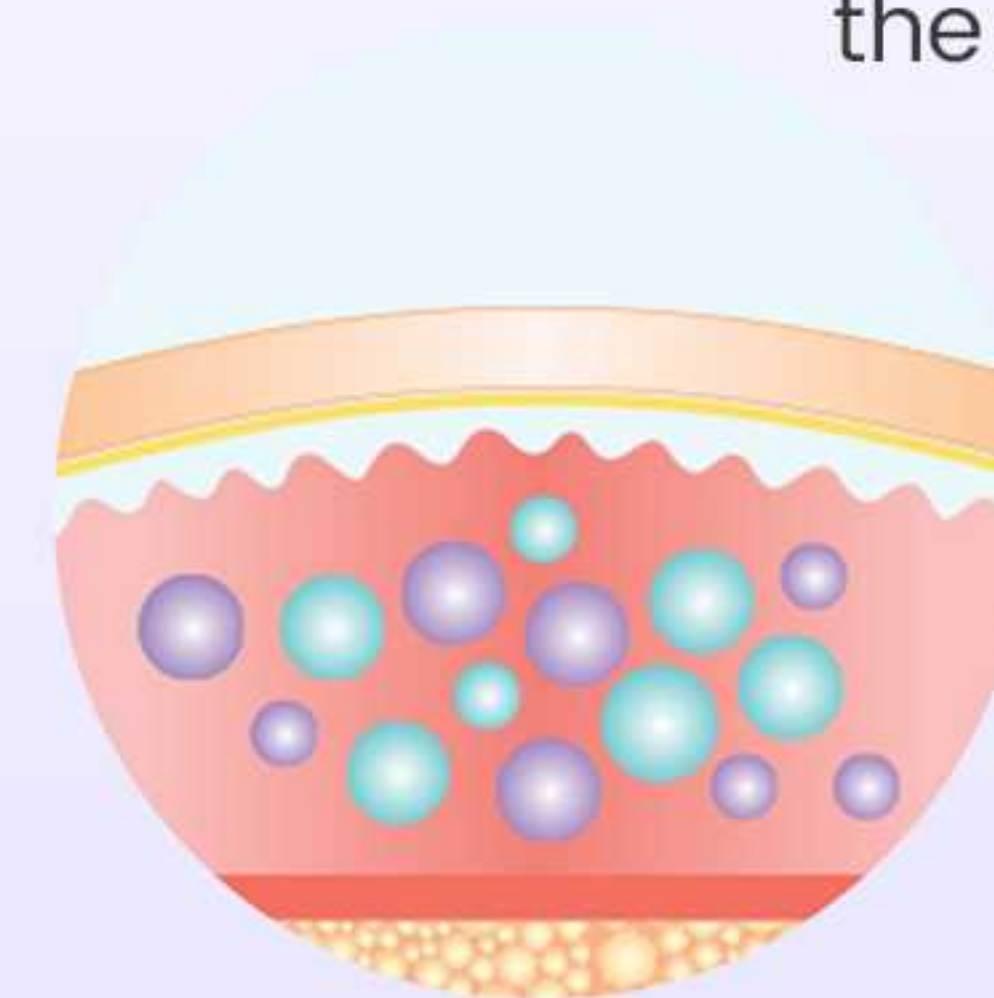
3-4 days after injection

A few days after the first treatment, the water in the material is absorbed by the body, and the depression recovered slightly.



7-14 days after injection

The body's fibrous connective tissue builds and eliminates depressions and defects are eliminated.



28 days after injection

After about 4 weeks, the improvement effect can be clearly seen, but deeper depression needs further treatment.

BENEFITS AND EFFECTS

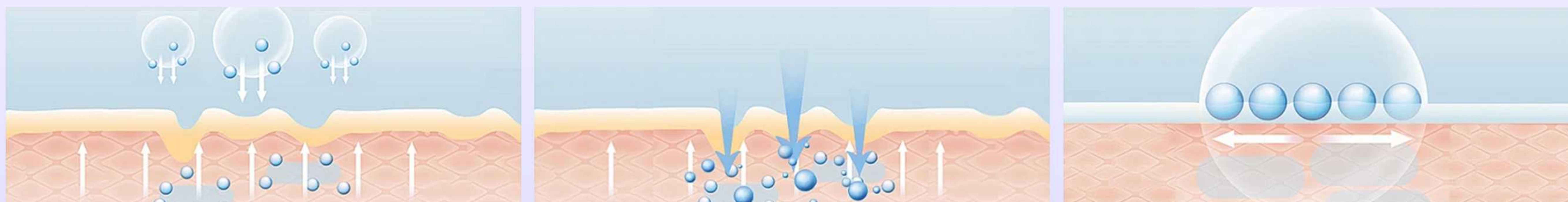
- 1 Promotes the skin's natural collagen production and interacts with natural peptides in the skin to rapidly absorb and promote natural collagen matrices.
- 2 PLLA ingredients is a synthetic polymer that produces lost collagen and promotes regeneration, resulting in excellent wrinkle improvement and elasticity.
- 3 Products are formulated from ingredients similar to natural components of the skin. The skin absorbs the product quickly and they provide an excellent firming effect.
- 4 Visibly noticeable improvement in with only 3 sessions. Sustained dramatic reduction in the appearance of fine line and wrinkles within continued use.

Comparison between Angelfill vs HA filler and characteristics

HA filler's purpose of use is to fill in sagging skin for 'face outline improvement and volume generation, but Angelfill not only performs these functions, but also 'anti-aging and skin generation.' Compared to HA filler, Angelfill has the effect of continuous volume improvement.

What's more, the PLLA of Angelfill is not simply used for volume-generation like HA filler, but induces the self-generation of collagen to stimulate natural volume generation, making the continuing time long (more than 2 years).

In addition, the particle sizes are small so that granuloma occurrence is minimized and the greatest volume and skin generation effects are maintained.



TREATMENT AREA

The treatment is ideal for consumers 30+ who are concerned with skin aging, dermal deficiencies, laxity and areas prone to volume loss, such as the cheeks, temples and nasolabial lines.

Session:

3 treatments, spaced **4** weeks apart.
Noticeable improvement can be seen **4** weeks after the first application.



Temple

Cheek

Nasolabial folds

Jawline

Chin

USE EFFECT DISPLAY



Before



After



Before



After



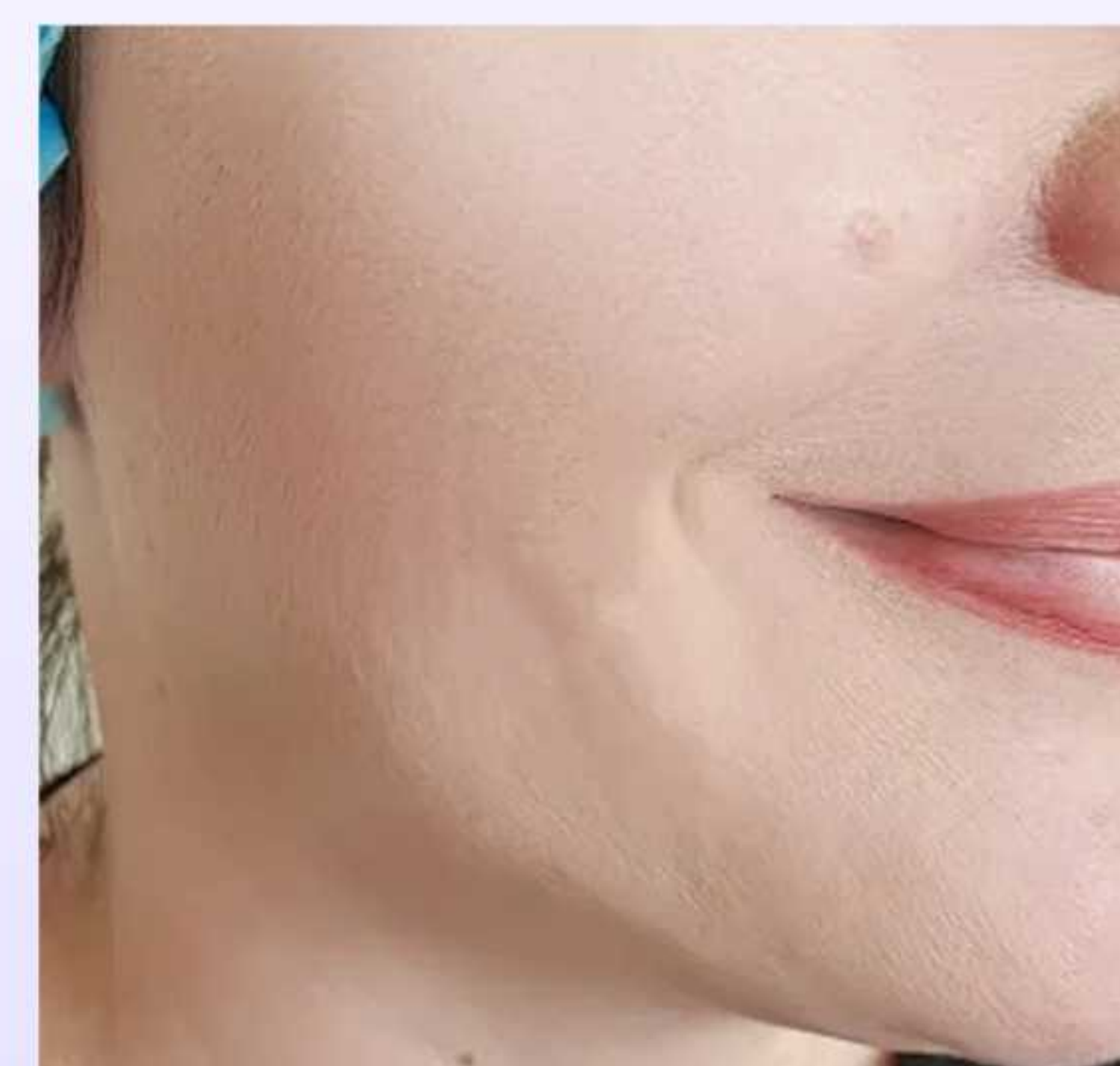
Before



After



Before



After

METHODS OF APPLICATION

STEP 1



STEP 2



STEP 3



STEP 4



STEP 5



STEP 6



- 1 Remove the aluminum plastic cap, connect 22G needle to 5mL syringe, followed by slowly adding the sterile water for injection into the penicillin bottle. Different sterile water according to different specifications.
- 2 After adding the sterile water for injection into the penicillin bottle, shake evenly and let stand for 30 minutes to 60 minutes to ensure complete dissolution of the lyophilized powder and removal of the bubbles.
- 3 Before extracting the suspension, gently shake the penicillin bottle.
- 4 After sterilizing the rubber stopper, draw 1-3mL of the suspension into a sterile disposable syringe using a new 22G sterile needle.
- 5 Before treatment, switch to a sterile needle (no smaller than 26G) for injecting.
- 6 Start Injection.

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