



Deep

Balance

Soft

Soft

Deep

Volume  
Balance

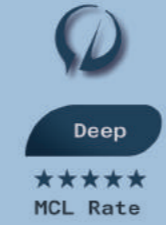
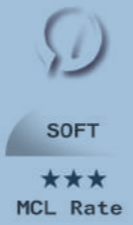
Deep

Volume  
Balance

Deep

# RHEOSYAL™

# RHEOSYAL™



We are the innovators of  
Multi Cross  
Linking fillers with Brand New  
Advanced technology



SOFT

DEEP

VOLUME

BALANCE

*Live your  
Renewing  
Life*

## RHEOSYAL™

loio BioPlus

[www.rheosyal.com](http://www.rheosyal.com)

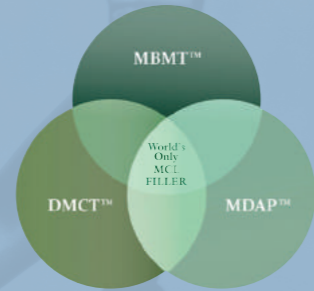


# Manufacturing Methods and Quality

## What's MCL technology

Bioplus is specialized in manufacturing hyaluronic acid fillers with world-class multi cross linking (MCL) technology.

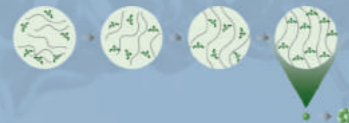
By combining three unique and patented manufacturing methods:



## MBMT™

Micro Bead Monophasic Technology

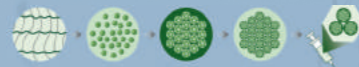
Mono-Phasic filler manufacture by aggregating Micro-Bead  
Free Viscoelasticity adjustment based on purpose of use



## DMCT™

Divinyl sulfone Multi-Crosslink Technology

Full bridge with Multi Cross-link using DVS  
Excellent viscoelasticity and molding power



## MDAP™

Multiple Degree Amphiphilic Purification

Manufacture pure and safe products with multi-stage refining technology



## 1. Immediate and long-lasting efficacy in dynamic areas of the face.

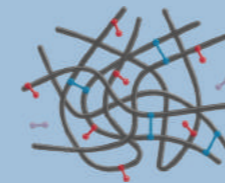
### MCL filler



Fully reacted DVS

Complete cross-linking for excellent modability

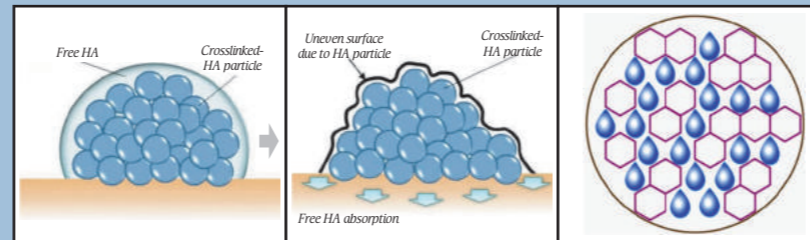
### BDDE fillers



Fully reacted BDDE, Pendant BDDE, Deactivated BDDE

Due to incomplete cross-linking, Pendant phenomenon occurs and Loss cross-linking

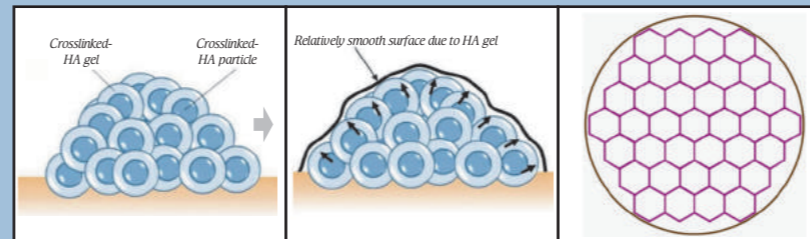
### Bi-Phasic



HA : Exist in 2 physical properties (Gel + Liquid)

- . High gel fluidity
- . Low viscosity : easy shooting
- . Can flow down and scatter

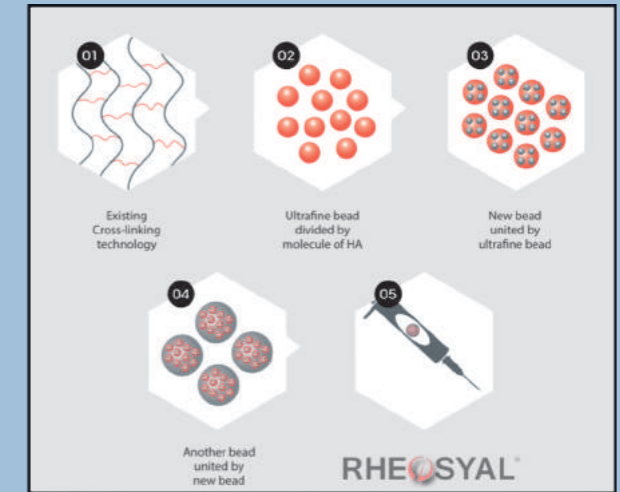
### Mono - Phasic



HA : 1 cross-linked physical property (Gel)

- . Excellent gel cohesion and viscoelasticity
- . Skill required for shooting
- . Does not flow down nor scatter

## 2. A new, exclusive cross-linking method preserving HA in clear chains and reconnect them by Multi- crossing network.



## 3. Unique and versatile gel properties. Merging between High safety and essential gel physical properties

Content	Chemical Filler	General HA Filler	RHEOSYAL™
Ingredient	Ca++, PCL, PLLA, PMMA, Hydroxyl-Apatite, Dextran etc.	Cross-linked Hyaluronic Acid	BioPlus's state of art core technology
Sustainability	O	X	O
Molding ability	O	X	O
Viscoelasticity	O	X	O
Safety	X	O	O
Biocompatibility	X	O	O
Biodegradability	X	O	O
Market Share	~10%	~85%	Increasing dramatically