



Viscoelastic Gel for Intra-articular Use

**ViscoPhi**<sup>CROSS™</sup>

Cross-Linked Sodium Hyaluronate



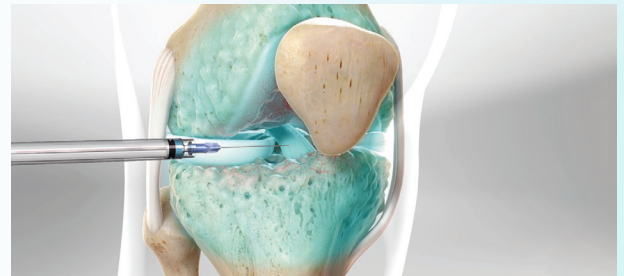
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ViscoPhi™ Cross represents a significant milestone in the treatment of osteoarthritis (OA). ViscoPhi™ Cross is highly purified and long-term durability single-injection visco supplement approved to relieve joint pain in all synovial joints. Generated by Phibio GmbH, ViscoPhi™ Cross is specially formulated for a single injection giving you enhanced durability in a safe, easy to use, single injection.

## SINGLE INJECTION

Just one injection of ViscoPhi™ Cross is required to treat the symptoms of osteoarthritis. Other linear HA visco supplements may require up to five injections for the same treatment.



## THE VISCOPHI™ CROSS DIFFERENCE

ViscoPhi™ Cross is specially formulated for a single-injection treatment.

### Customized cross-linking:

- Stabilizes the hyaluronic acid (HA) polymers for durability
- Retains all of the natural benefits of HA THE SINGULAR TREATMENT ViscoPhi™ Cross is designed to replace or supplement synovial fluid.
- ViscoPhi Cross™ provides as much HA in a single injection as three injections
- High viscosity HA provides excellent physical properties
- Ergonomic syringe delivers safe, effective, easy injectability through 18-21 G- needle
- Long-term durability

## THE SINGLE INJECTION REGIMEN

- A decline has been observed in the frequency of injections needed.
- Lowers cost and inconvenience to the patient
- Reduces the risk or difficulty associated with multiple injections

## APPLICATION

ViscoPhi™ Cross-Linked Sodium Hyaluronate Injection is a single, intra-articular injection of cross-linked sodium hyaluronate designed to treat the symptoms of osteoarthritis.

## SAFE, NATURAL SOURCE

ViscoPhi™ Cross is made from highly purified, non-animal, bio-fermented cross-linked Sodium Hyaluronate

## ADVERSE REACTIONS

Hyaluronic acid is a natural component of the tissues of the body. ViscoPhi™ Cross is thoroughly tested to determine that each batch conforms to the product quality attributes. Since sodium hyaluronate molecules are non-inflammatory, any phlogistic response is considered to be caused by the invasive procedure.

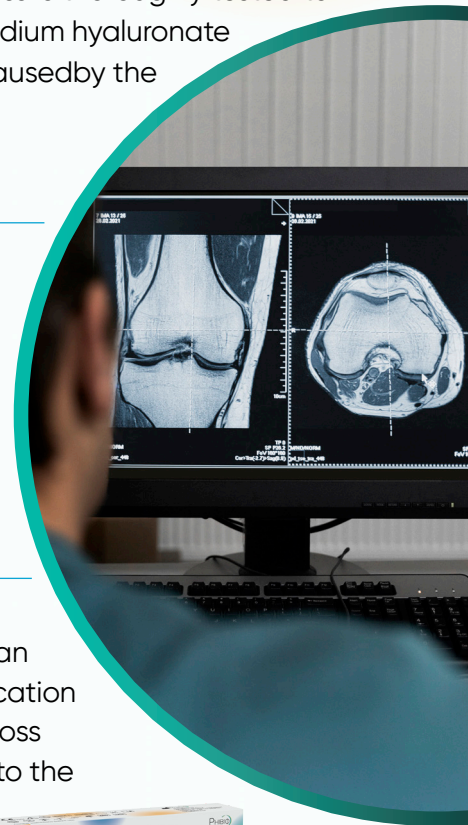
## ABOUT VISCOPHI™ CROSS

ViscoPhi™ Cross is a sterile, non-pyrogenic, sodium hyaluronate solution, customized cross-linked with a proprietary chemical cross-linker.

- Contains customized cross-linked sodium hyaluronate dissolved in phosphate-buffered saline at physiological osmolality
- Manufactured from ultra-pure, high molecular weight sodium hyaluronate produced by bacterial fermentation

## INDICATION

ViscoPhi™ Cross is indicated as a viscoelastic supplement or a replacement for synovial fluid in human joints. Well suited for treatment of the symptoms of human joint dysfunctions such as osteoarthritis. The actions of ViscoPhi™ Cross are lubrication and mechanical support. Directions for use: The required amount of ViscoPhi™ Cross is injected through a sterile, disposable hypodermic needle of suitable gauge into the selected joint space.



SPECIFICATIONS	% 2.0	% 2.5
API Active Pharmaceutical Ingredient	Cross-Linked Sodium Hyaluronate	Cross-Linked Sodium Hyaluronate
Viscosity	250.000 MPa >	300.000 MPa >
Concentration	60 mg	100 mg
pH Value	pH 6.7-7.5	pH 6.7-7.5
Osmolality	270 to 400 mOsm/kg	270 to 400 mOsm/kg
Volume	3.0 ml - 60 mg	4.0 ml - 100 mg
Origin	Biological Fermentation	Biological Fermentation
Injection Intervals	Single shot (every 6 to 12 months)	Single shot (every 6 to 12 months)
Shelf-life	2 years	2 years





## Cross-Linked Sodium Hyaluronate



Phibio GmbH  
Klingerstr. 24, 60313  
Frankfurt am Main, Germany



Phone: +4915207659955  
Landline: +49(0)6940767397  
e-mail: info@phibio.de

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