

# ArthroHyal<sup>®</sup> Inject One-Shot

Only 1 Intra-articular Injection per Cycle  
- 1 Syringe of 4.8 ml -  
High Content: 120 mg Sodium Hyaluronate in a  
sterile pre-filled Syringe  
Medical Device

120 mg Sodium Hyaluronate



2.5 % Intra-articular

**Rapid and direct reduction of pain and limited joint mobility  
in degenerative and traumatic changes in all synovial joints**

- **High content:** 120 mg Sodium Hyaluronate per Syringe
- **High concentration** 2.5 %
- **High molecular weight:** 2.2 mln. Daltons
- **Non-allergenic**, fermented sourced Hyaluronic Acid
- **Improves the viscoelastic properties** of synovial fluid
- Impressive **reduction of pain**
- Designed for the **knee joint**
- **Only 1 injection** per cycle
- **Duration of effect:** Up to 12 month



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## Composition

1 ml of solution contains 25.0 mg sodium hyaluronate of fermented origin in a sterile isotonic, apyrogenic, weak phosphate buffer solution pH 7.2 and water for injection purpose.

## Source/Origin

The product, sodium hyaluronate 2.5 % is obtained by fermentation and used to improve the intra-articular viscosity, and has been subjected to steam sterilization for products for injection purposes.

## Therapeutic areas

Pain and limited articular mobility in the presence of degenerative and traumatic changes in the knee joint and other synovial joints.

## Application and dosage

The product is designed for 1 single intra-articular injection per cycle.

The beneficial effects of treatment with 1 intra-articular injection are sustained for at least 6 month; the treatment cycle can be repeated according to need. Keep out of reach of children.

## Properties and mechanism of action

Synovial fluid contains hyaluronic acid, substance that ensure the fluid's viscoelasticity and enables painless physiological movements owing to its lubricating and shock absorbing properties; moreover, synovial fluid supplies nutrients to the cartilage. In the presence of degenerative disease the viscoelasticity of synovial fluid is significantly reduced, which limits articular mobility, causes pain, and effects destruction of the cartilage. As early as after one treatment cycle of 1 intra-articular injection the mobility and lubrication of the joint is improved and the pain of the degenerative lesions is reduced.

## Arthro Hyal Inject One-Shot is:

Vegan ✓ Vegetarian ✓ Non-avian ✓

## Arthro Hyal Inject One-Shot is also suitable for Athletes:

The product contains no banned or controlled substances.

Technical data		Formula (1 ml)	
Sodium Hyaluronate	2.5 %	Sodium Hyaluronate	25.000 mg
Molecular Weight	2.2 Mio. Dalton	NaCl 0.9 %	6.500 mg
Viscosity	ca. 500 000 mPas	Disodium hydrogen phosphate 2 H <sub>2</sub> O	0.563 mg
Osmolality	270 - 400 mOsm/kg	Sodium dihydrogen phosphate 2 H <sub>2</sub> O	0.045 mg
Storage	2 - 25°C	Water for injection	q.s.
pH	6.8 - 7.4	Sterilized by moistured heat.	
Volume	4.8 ml	Shelf Life: 3 ½	