

LINEAR 80 REPORT

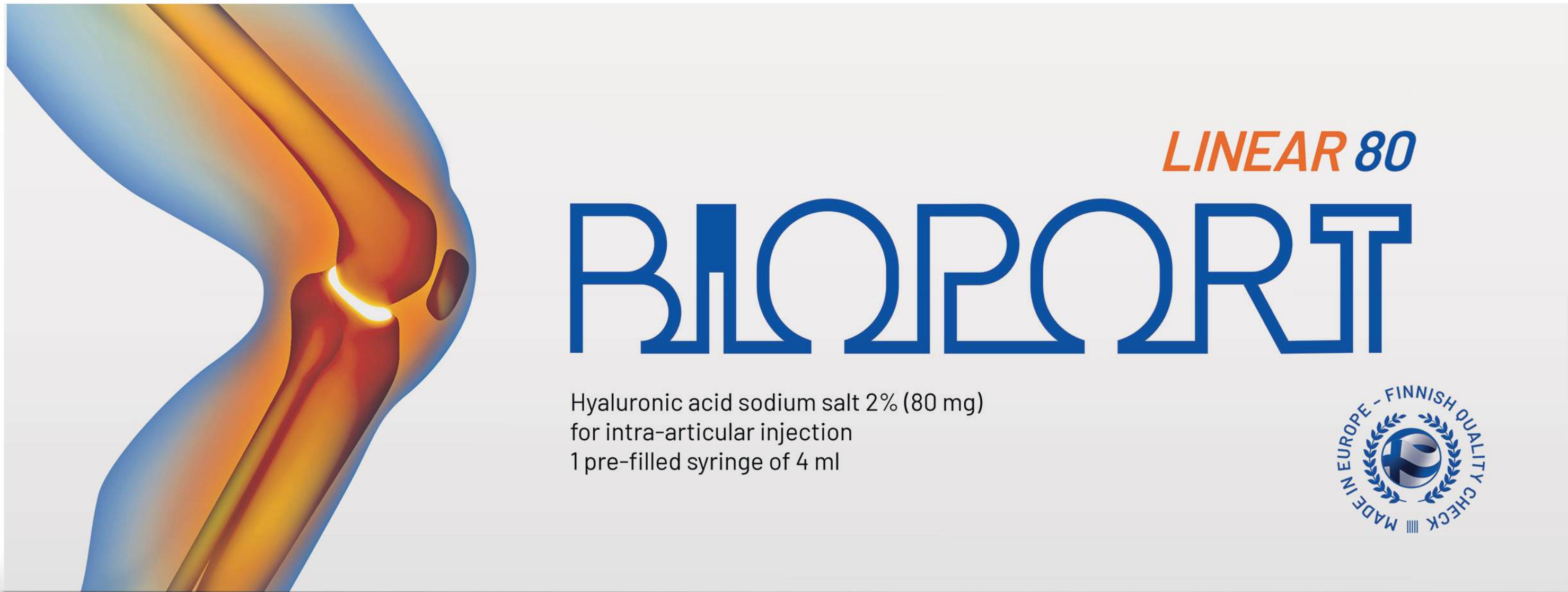
Intra-articular injection for symptomatic treatment of OA
and joint cartilage repair 1 injection per treatment

MEDIUM CHAIN **HYALURONIC**
ACID TO REDUCE PAIN
AND IMPROVE MOBILITY
OF TREATED JOINTS



BIOPORT® LINEAR 80

Is a sterile, biodegradable, isotonic, injectable gel, for intra-articular use. BIOPORT® LINEAR 80 consists of medium chain (1.0-1.5 x 10⁶ Dalton) hyaluronic acid, obtained from Streptococcus equi bacteria, formulated to a concentration of 20 mg/ml in a physiologic buffer. The product, improving the characteristics of the synovial fluid, exerts a protective action of the joints and helps the improvement of joint function and the reduction of pain symptoms.



80 mg hyaluronic acid
per syringe (20mg / ml)
4 ml pre-filled syringe

Composition	Sodium hyaluronate
Concentration	80mg/ 4ml/ 2%
Administration total	1 syringe at 6 months
Average molecular weight	1.5MDa
Viscosity (cP)	150.000-290.000
Osmolality (mOsm/kg)	270-330

BIOPORT® LINEAR 80 | PROPERTIES



Only one injection
per treatment



Highly concentrated:
80 mg of linear hyaluronic
acid per syringe



Delivered in pre-filled
glass syringe Becton
Dickinson



BIOPORT® LINEAR 80

HYALURONIC ACID

- Hyaluronic acid with a constant molecular weight between 1,200 and 1,500 kD allows optimal diffusion within the cartilage cell, reducing the risk of painful swelling of the injection site
- Produced by Biofermentation of *Streptococcus equi* with no animal protein, it results in absolute purity, reducing the risk of allergens and inflammatory reactions to a minimum
- Native hyaluronic acid (not chemically modified)

INDICATION

BIOPORT® LINEAR 80 is a synovial fluid substitute which, thanks to its viscoelastic and lubricant properties, promotes the restoration of rheological conditions of the joints, altered in degenerative or post-traumatic conditions. The product, improving the characteristics of the synovial fluid, exerts a protective action of the joints and helps the improvement of joint function and the reduction of pain symptoms.

EFFECTS

- Reduces pain
- Improves joint function and joint stiffness
- May postpone joint replacement

APPLICATION

A single injection of the product restores the protection of the joint through good lubrication and shock absorption and leads to a significant improvement in symptoms.



HYALURONIC ACID | A MULTITASKING MOLECULE

EFFECTIVE

- Anti-inflammatory, anabolic and chondroprotective actions
- Increases viscosity and restores the properties of synovial fluid
- Protects cartilage and surrounding soft tissue
- Reduces pain
- Improves joint function and joint stiffness
- May postpone joint replacement

SAFE AND WITH GOOD TOLERABILITY

- Acts locally, without causing systemic reactions
- Enables reduced use of analgesics, with an improved risk/benefit ratio

PRACTICAL

- Thanks to the ease of use

BIOPORT



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