



Instructions
for Use Prophylactic Hygienic Product
Photoactive Phyto-Mineral Joints Hydrogel
SCHALI® Smart Antiarthritis
Orthopaedic diseases

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Photoactive* phyto-mineral joints hydrogel SCHALI® Smart Antiarthritis (orthopaedic diseases) is a highly effective hygienic agent for prevention of orthopaedic diseases and as a complex symptomatic agent for various pathological processes in traumatology and orthopaedics.

PRODUCT FORM:

Prophylactic hydrogel in polypropylene tubes of 15 ml.

INGREDIENTS:

It consists of eco-friendly bio-components of vegetable and mineral origin. Active ingredients: complex compounds of the exclusive substance hydroxypropyl beta-cyclodextrin (HPBCD) and QD SCHALI®.

Aqua, Propylene Glycol, Glycerin, Glycereth-18 Ethylhexanoate, Glycereth-18, L- Menthol, Hydroxypropyl Cyclodextrin, Acrylates/C10-30 Alkyl Acrylate Crosspolymer, Titanium Dioxide, Salvia Officinalis Flower/Leaf/Stem Extract, Sodium Hydroxide, Potassium Sorbate, Sodium Benzoate, Diazolidinyl Urea, Methylparaben, Propylparaben, Phosphoric Acid.

MECHANISM OF ACTION:

The photoactive composition of the hydrogel based on the photosensitizing complex QD SCHALI® provides a highly efficient catalysis of reactive oxygen species (singlet oxygen). Reactive oxygen species promote oxygenation and improve blood supply and metabolic processes in tissues, thus quickly and effectively removing pain, swelling, stiffness, manifestation of meteorosensitivity in the joints, increasing the adaptive capacity of joints with intense physical exertion.

The hydrogel has both a general normalizing effect on the body, contributing to the enhancement of the immune response, and a pronounced local action at the site of application – anti-inflammatory, analgesic, and regenerative.

The restoration of energy exchange in cells stimulates the process of recovery of the cartilaginous tissue in the intercellular substance, enhances the formation of chondrocytes by stimulating their mitosis (fission). Regular use of the hydrogel helps slow down degenerative changes in the cartilage and strengthen plastic processes, resulting in some restructuring of the cartilage. Enhancement of cellular metabolism in turn synergistically enhances the effect of other agents, providing for a significant reduction in the duration of treatment with the help of the hydrogel.

The photoactive phyto-mineral joints hydrogel SCHALI® Smart Antiarthritis can also be used in photodynamic therapy (PDT) of musculoskeletal injuries in combination with laser light and other devices of instrumental therapy.

Hypoallergenic product.

*Under the influence of light of a wide range of radiation (from ultraviolet to infra-red), photosensitive crystals of the QDSCHALI® series initiate intensive release of reactive oxygen species. Photoactive products based on QD SCHALI® are intended for universal use and can also be used in photodynamic therapy (PDT) with various sources of monochromatic radiation (laser light of certain ranges).

INDICATIONS:

- Arthritis
- Arthrosis
- Contractures
- Polyarthritis
- Ankylosing spondylitis
- Traumatic arthritis

METHOD OF USE:

Apply a small amount of the hydrogel SCHALI® Smart Antiarthritis 1-2 times a day to the pre-cleaned lesion site. The penetration of the hydrogel into the tissue can be enhanced by the use of instruments for electroporation or phonophoresis. Prior to the application of the photoactive hydrogel SCHALI® Smart Antiarthritis, the lesion can be also treated with the spray SCHALI® Care Antiarthritis.

The duration of use is from 3 days to 2 months. The duration of the course depends on the clinical picture.

SIDE EFFECTS:

No side effects found.

No product dependence and no rebound syndrome.

STORAGE CONDITIONS:

Keep the product in a dark cool place at the temperature below 15°C.

SHELF LIFE:

Shelf life is 3 years from the date of production.

Do not use the product after expiration of the date of production, specified on the package.

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