Hialid 0.1 ophthalmic solution
<sodium Hyaluronate>

Hialid 0.1 is an ophthalmic solution of sodium hyaluronate developed by Santen Pharmaceutical Co., Ltd.

[DESCRIPTION]

<table>
<thead>
<tr>
<th>Brand name</th>
<th>Hialid 0.1</th>
</tr>
</thead>
<tbody>
<tr>
<td>Active ingredient</td>
<td>Sodium hyaluronate</td>
</tr>
<tr>
<td>Content per mL</td>
<td>1mg</td>
</tr>
<tr>
<td>Inactive ingredient</td>
<td>e-Aminocaproic acid, disodium edetate, benzalkonium chloride, sodium chloride, potassium chloride, pH adjuster</td>
</tr>
<tr>
<td>pH</td>
<td>6.0 – 7.0</td>
</tr>
<tr>
<td>Osmolar ratio</td>
<td>0.9 – 1.1</td>
</tr>
<tr>
<td>Description</td>
<td>Clear, colorless, viscous, sterile, aqueous ophthalmic solution.</td>
</tr>
</tbody>
</table>

[INDICATIONS]

For relief of burning sensation, irritation and discomfort due to dryness of the eye and for acceleration of improvement of ocular surface disorders such as Sjögren’s syndrome and Sicca syndrome (dry eye).

[DOSAGE AND ADMINISTRATION]

Usually, instill one drop a time to eye 5 – 6 times daily. The dosage may be adjusted according to the patient’s symptoms.

PRECAUTIONS

1. Adverse Reactions

   The mayor adverse reactions were itching, irritation, and hyperemia. If the following adverse reactions are observed, appropriate measures such as discontinuing administration should be taken.

<table>
<thead>
<tr>
<th></th>
<th>0.1% £ n &lt; 5 %</th>
<th>N &lt; 0.1 %</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hypersensitivity</td>
<td>Blepharis, eyelid dermatitis</td>
<td>-</td>
</tr>
<tr>
<td>Ophthalmic</td>
<td>Itching, irritation, conjunctivitis, conjunctival injection, corneal lesion such as keratitis superficial diffuse</td>
<td>Eye discharge</td>
</tr>
</tbody>
</table>

2. Precautions concerning Use

   1) Route of administration : Ophthalmic use only.
   2) At the time of administration :
      (1) Instruct the patient to be careful not to touch the tip of the bottle to the eye directly in order to avoid the contamination of the drug.
      (2) Instruct the patient not to use this product while wearing soft contact lenses.
“Special warning and special precaution for use:
Benzalkonium chloride, which is commonly used as a preservative in ophthalmic products, has been reported to have cytotoxicity. Since this drug contains benzalkonium chloride, close monitoring is required with frequent or prolonged use in dry eye patients, or in conditions where the cornea is compromised. Contact lenses
The preservative in this drug, benzalkonium chloride, may be absorbed by soft contact lenses. Patients who wear soft contact lenses should be instructed to wait at least ten minutes after instilling this drug before they insert their contact lenses.”

[PHARMACOLOGY]
1. **Mechanism of action**
   Sodium hyaluronate binds to fibronectin and accelerates the adhesion and extension of epithelial cells. Sodium hyaluronate also has an excellent water-holding property because each sodium hyaluronate molecule can retain many H₂O molecules.

2. **Acceleration of corneal wound healing**
   Topical application of sodium hyaluronate ophthalmic solution accelerates the wound healing of corneal epithelium in rabbits.

3. **Acceleration of corneal epithelial extension**
   Sodium hyaluronate accelerates the extension of corneal epithelial cells in isolated strips of cultured rabbit cornea.

4. **Water retentive property**
   Weight loss of agar plugs due to water evaporation was prevented concentration-dependently by placing drops of 0.1% - 1.0% sodium hyaluronate solutions atop the plugs.

[STORAGE / EXPIRY DATE / SPECIFICATION]
Store at room temperature (below 30°C)
Shelf life: 3 years

[HOW SUPPLIED]
Box, Plastic bottle of 5 m

HARUS DENGAN RESEP DOKTER

Manufactured By:
Santen Pharmaceutical Co., Ltd
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Imported and Distributed By
PT Ferron Par Pharmaceuticals
Bekasi, Indonesia