

# BD™ 1% OVD

Meeting the Needs of Ophthalmic Surgery



## 1% OVD

**BD Medical - Ophthalmic Systems** is proud to offer an ophthalmic viscosurgical device (OVD) developed to maintain a deep anterior chamber, to protect the corneal endothelium during cataract surgery and to facilitate intraocular lens (IOL) implantation.

BD 1% OVD is a sterile, nonpyrogenic preparation of highly purified, high molecular weight sodium hyaluronate, dissolved in a physiological buffer at a pH of 6.8 - 7.6.

BD 1% OVD is provided in a 1.0 ml syringe.



Helping all people  
live healthy lives

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### BD™ 1% OVD Solution

#### Technical Data:

Concentration	10 mg/ml (1%) of sodium hyaluronate
Molecular Weight	3 Mio. Daltons
Viscosity	100 Kcps at a shear rate of 0.1 sec <sup>-1</sup>
pH	6.8-7.6
Shelf life	3 years
Storage	2-8° C, 36°-46° F
Filling size	1.0 ml sterile
Cannula size	27g

#### Composition/ml

• sodium hyaluronate	10 mg
• sodium chloride	8.5 mg
• disodium hydrogen phosphate dodecahydrate	0.56 mg
• sodium dihydrogen phosphate dihydrate	0.045 mg
• water for injection	q.s.

cps = Centipoise

K = thousand

Mio. = million

**Contraindications:** When used as recommended there are no known contraindications.

**Warnings:** Mixing of quaternary ammonium salts such as benzalkonium chloride with sodium hyaluronate results in the formation of a precipitate. The eye should not be irrigated with any solution containing benzalkonium chloride if BD 1% OVD is to be used during surgery.

#### Precautions:

- BD 1% OVD syringe should be used only with the single-use cannula provided.
- Cannulas are intended for single patient use only.
- Verify cannula is properly locked to the luer lock adapter. Do not over tighten as this can lead to loosening from the barrel.
- Use only if solution is clear.
- Avoid trapping air bubbles behind BD 1% OVD.
- Do not instill excessive amounts of BD 1% OVD into the anterior chamber as it may cause increased intraocular pressure.
- BD 1% is a highly purified substance extracted from bacterial cells. However, physicians should be aware of immunological, allergic and other potential risks of the type that can occur from the injection of any biological substance since the presence of minute quantities of impurities (e.g. proteins) cannot be totally excluded.

**\*Refer to IFU for further precautions.**

BD 1% OVD is indicated for use as a surgical aid to protect the corneal endothelium during cataract extraction (extra-capsular) procedures, IOL implantation, and anterior segment surgery. When introduced into the anterior segment of the eye during these surgical procedures, BD 1% OVD serves to maintain a deep anterior chamber. In addition, BD 1% OVD helps to push back the vitreous face and prevent formation of a post-operative flat chamber.

#### Product Characteristics:

- Protects corneal endothelium
- Maintains intraocular space
- Maintains a deep, stable anterior chamber during capsulorhexis and IOL implantation
- Sterile
- Nonpyrogenic
- Optically clear

#### Surgical Applications

- Cataract Extraction
- Anterior Segment Surgery
- Corneal Transplantation
- Primary and Secondary Lens Implantation

**Ordering Information:** Catalog # 585304



#### BD Medical

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