

# BD™ 1% OVD

Meeting the Needs of Ophthalmic Surgery



Helping all people  
live healthy lives

## BD™ 1% OVD

**BD Medical** - Ophthalmic Systems is proud to announce the release of 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

## Meeting the Needs of Ophthalmic Surgery

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™ 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



#### BD Medical

Ophthalmic Systems

411 Waverley Oaks Road  
Waltham, MA 02452  
Tel: 781.906.7900  
Fax: 781.906.7992

[www.bd.com/ophthalmology](http://www.bd.com/ophthalmology)