

SOLUTIONS FOR EVERY APPLICATION



## CONSUMABLES

Viscoelastics



# TELEON CONSUMABLES

## Viscoelastics



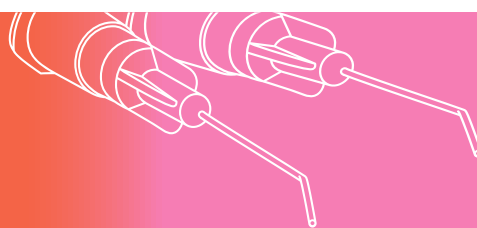
In the field of CONSUMABLES TELEON offers - among other products - highly-purified viscoelastics for the individual needs and preferences of the surgeon. Our portfolio includes viscoelastics made from methylcellulose, from biofermentative hyaluronic acids and from hyaluronic acids extracted from rooster combs.

Use of viscoelastics in intraocular surgery:

- for surgery in the anterior and posterior eye segment
- for intracapsular and extracapsular cataract extraction with or without IOL implanation
- for intraocular tissue protection
- for volume substitution
- to maintain corneal transparency and improve visibility during surgical procedures

## Viscoelastics

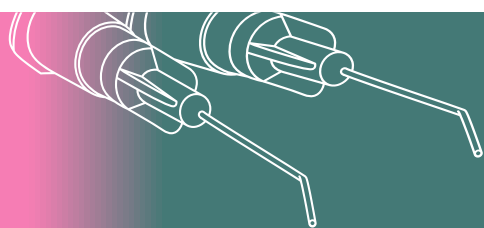
## Hyaluronic Acid



Product	myVISC HYAL 1.0	Microvisc 1.0
<b>Application</b>	<ul style="list-style-type: none"> <li>• High viscosity</li> <li>• Excellent spatial effect</li> <li>• Maintaining the anterior chamber</li> <li>• Excellent vision</li> <li>• Good tissue manipulation</li> <li>• For cataract surgery</li> <li>• Excellent stabilization of the capsular bag</li> <li>• Rapid aspiration possible</li> <li>• Pupil dilatation (very good pupil dilatation)</li> <li>• For posterior capsule complications</li> <li>• For keratoplasty</li> <li>• For glaucoma surgery</li> </ul>	<ul style="list-style-type: none"> <li>• High viscosity</li> <li>• Excellent spatial effect</li> <li>• Maintaining the anterior chamber</li> <li>• Excellent vision</li> <li>• Good tissue manipulation</li> <li>• For cataract surgery</li> <li>• Excellent stabilization of the capsular bag</li> <li>• Rapid aspiration possible</li> <li>• Pupil dilatation (very good pupil dilatation)</li> <li>• For posterior capsule complications</li> <li>• For keratoplasty</li> <li>• For glaucoma surgery</li> </ul>
<b>Concentration</b>	1.0% Na-Hyaluronate	1.0% Na-Hyaluronate
<b>Physical Property</b>	Cohesive	Cohesive
<b>Viscosity [25°C]</b>	1,000,000 mPa·s	1,000,000 mPa·s
<b>pH-Value [25°C]</b>	6.8 – 7.6	6.8 – 7.6
<b>Osmolality</b>	310 mOsmol/kg	310 mOsmol/kg
<b>Molecular Mass</b>	5.0 x 10 <sup>6</sup> Daltons	5.0 x 10 <sup>6</sup> Daltons
<b>Content Endotoxin</b>	≤ 0.2 EU/ml	≤ 0.2 EU/ml
<b>Composition</b>	10 mg sodium hyaluronate, 1.4 mg disodium phosphate dihydrate, 8.3 mg sodium chloride, 0.26 mg potassium dihydrogen phosphate, water for injection purpose	10 mg sodium hyaluronate, 1.4 mg disodium phosphate dihydrate, 8.3 mg sodium chloride, 0.26 mg potassium dihydrogen phosphate, water for injection purpose
<b>Manufacturing</b>	Extraction of rooster combs	Extraction of rooster combs
<b>Package Size</b>	Sterile disposable syringe contains 0.85 ml of solution	Sterile disposable syringe contains 0.55 ml of solution
<b>Recommended Cannula</b>	27 Gauge angled (enclosed)	27 Gauge angled (enclosed)
<b>Storage</b>	At room temperature, protect from light	At room temperature, protect from light
<b>Shelf Life</b>	3 years	3 years
<b>Manufacturer</b>	Bohus BioTech AB ( <a href="http://www.bohusbiotech.com">www.bohusbiotech.com</a> )	Bohus BioTech AB ( <a href="http://www.bohusbiotech.com">www.bohusbiotech.com</a> )

## Viscoelastics

## Hyaluronic Acid



Product	Microvisc Plus	myVISC BioPlus
<b>Application</b>	<ul style="list-style-type: none"> <li>• High viscosity</li> <li>• Excellent spatial effect</li> <li>• Excellent stabilization of the capsular bag</li> <li>• Rapid aspiration possible</li> <li>• Pupil dilatation (very good pupil dilatation)</li> <li>• For posterior capsule complications</li> <li>• For keratoplasty</li> <li>• For trabeculectomy</li> <li>• For vitreous and retinal surgery</li> <li>• For cataract surgery</li> </ul>	<ul style="list-style-type: none"> <li>• High viscosity</li> <li>• Good spatial effect</li> <li>• For cataract surgery</li> <li>• Easy injection and removal</li> <li>• Excellent protection of endothelial and intocular epithelial</li> </ul>
<b>Concentration</b>	1.4% Na-Hyaluronate	1.8% Na-Hyaluronate
<b>Physical Property</b>	Cohesive	Cohesive
<b>Viscosity [25°C]</b>	3,300,000 mPa·s	210,000 mPa·s
<b>pH-Value [25°C]</b>	6.8 – 7.6	6.8 - 7.6
<b>Osmolality</b>	320 mOsmol/kg	280 - 350 mOsmol/kg
<b>Molecular Mass</b>	5.0 x 10 <sup>6</sup> Daltons	3.0 x 10 <sup>6</sup> Daltons
<b>Content Endotoxin</b>	≤ 0.2 EU/ml (LAL-Test according to USP 85)	≤ 0.2 EU/ml
<b>Composition</b>	14 mg sodium hyaluronate, 1.4 mg disodium phosphate dihydrate, 8.3 mg sodium chloride, 0.26 mg potassium dihydrogen phosphate, water for injection purpose	18 mg sodium hyaluronate, phosphate buffer, sodium chloride, water for injection purpose
<b>Manufacturing</b>	Extraction of rooster combs	Genetically produced by fermentation of bacteria hyaluronic acid
<b>Package Size</b>	Sterile disposable syringe contains 0.85 ml of solution	1.2 ml in sterile disposable syringes
<b>Recommended Cannula</b>	27 Gauge angled (enclosed) Art.-No. M 3926A	25 Gauge angled (enclosed)
<b>Storage</b>	At room temperature, protect from light	At room temperature, protect from light
<b>Shelf Life</b>	3 years	2 years
<b>Manufacturer</b>	Bohus BioTech AB ( <a href="http://www.bohusbiotech.com">www.bohusbiotech.com</a> )	WEFIS GmbH ( <a href="http://www.wefis.net">www.wefis.net</a> )

## Viscoelastics

## Hyaluronic Acid

## Methylcellulose




Product	myVISC Bio	myVISC Visco 4500
<b>Application</b>	<ul style="list-style-type: none"> <li>• High viscosity</li> <li>• Good spatial effect</li> <li>• For cataract surgery</li> <li>• Easy injection and removal</li> <li>• Excellent protection of endothelial and introcular epithelial</li> </ul>	<ul style="list-style-type: none"> <li>• Low viscosity</li> <li>• Excellent sliding properties during the injection process</li> <li>• Wetting and protection of the corneal tissue</li> <li>• To improve visibility during surgery</li> <li>• To maintain corneal transparency during lengthy surgical procedures</li> <li>• For glaucoma surgery</li> </ul>
<b>Concentration</b>	1.2% Na-Hyaluronate	2.0% Hydroxypropyl Methylcellulose
<b>Physical Property</b>	Dispersive	Dispersive
<b>Viscosity [25°C]</b>	65,000 mPa·s	4,000 - 6,000 mPa·s
<b>pH-Value [25°C]</b>	6.8 - 7.6	6.8 - 7.6
<b>Osmolality</b>	280 - 350 mOsmol/kg	265 - 300 mOsmol/kg
<b>Molecular Mass</b>	3.0 x 10 <sup>6</sup> Daltons	80,000 Daltons
<b>Content Endotoxin</b>	≤ 0.2 EU/ml	≤ 0.2 EU/ml
<b>Composition</b>	12 mg sodium hyaluronate, phosphate buffer, sodium chloride, water for injection purpose	Mixed non-ionogenic cellulose ether with a content of 1.7 - 2.3% hypromellose 1 ml contains 20 mg of methylcellulose
<b>Manufacturing</b>	Genetically produced by fermentation of bacteria hyaluronic acid	Chemically produced hydroxypropyl methylcellulose
<b>Package Size</b>	1.2 ml in sterile disposable syringes - Individually wrapped with cannula	2.0 ml in sterile disposable syringes - Individually wrapped with or w/o cannula - Pack of 20 with or w/o cannula
<b>Recommended Cannula</b>	27 Gauge angled (enclosed)	23 Gauge   25 Gauge
<b>Storage</b>	At room temperature, protect from light	23 Gauge   25 Gauge
<b>Shelf Life</b>	2 years	2 years
<b>Manufacturer</b>	WEFIS GmbH ( <a href="http://www.wefis.net">www.wefis.net</a> )	Phampur GmbH ( <a href="http://www.phampur.de">www.phampur.de</a> )



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