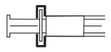
Bohus BioTech

Microvisc and BBT visc allow eye surgeons to work quickly, efficiently and effectively. Developed from biological source and with a unique manufacturing process, Bohus BioTech viscoelastics offers the highest in standards and reliability.

- Manufactured in Sweden since 1992
- High transparency
- No bubbles
- Steam sterilized
- Stored at room temperature 2–25 °C

Efficient, easy-to-use products that come in a small, space saving package, Microvisc can be stored at room temperature, meaning potential cost savings in terms of transportation and storage, and of minimized surgery time.

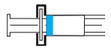
Microvisc and BBT visc.
Products worth looking at.



MICROVISC® 1%

0.55 & 0.85 ml

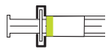
Allround product with high molecular weight resulting in high viscosity and pseudoplasticity. High cohesion, meaning that it creates space, stabilizes the surgical micro environment and facilitates movement of tissue. High pseudoplasticity enables easy and controlled injection and IOL implantation. The product is removed as a single mass at the end of surgery.



MICROVISC® PLUS 1.4%

0.55 & 0.85 ml

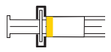
Super high molecular weight, pseudoplasticity and cohesion provides maximum intraocular stability, while creating space during capsulorhexis. Reliable in more difficult cases such as trauma and refractive surgery. Excellent performance during IOL implantation. Super high pseudoplasticity provides a product easy to inject and is removed as a single mass after surgery.



MICROVISC® PHACO 2.5%

0.55 & 0.85 ml

Viscoadaptive product designed to adapt to the different stages of surgery. At rest, it adopts cohesive characteristics (e.g. during capsulorhexis), and under stress it behaves in a dispersive way (e.g. during phacoemulsification. Excellent allround product that can also be used for advanced cases and trauma. A product that combines both high and low molecular weight hyaluronic acid.



BBT visc™ 1,5%

0.55 & 0.85 ml

Medium molecular weight product with dispersive and adhesive characteristics. The adhesive properties ensure that it remains in the anterior chamber during phaco-emulsification, while providing excellent coating and protection of endothelial cells.

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MICROVISC® & BBT visc™ The products that ophthalmologists look to

Microvisc and BBT visc at a glance

Data	Microvisc	Microvisc Plus	Microvisc Phaco	BBT visc
Sodium hyaluronate	1 %	1.4 %	2.5 %	1.5 %
Molecular weight [Dalton]	avg. 5 million	avg. 5 million	avg. 4 million	avg. 2.3 million
Viscosity, zero shear 25 °C [cPs, mPas]	avg. 1 million	avg. 3.3 million	avg. 1 million	avg. 70.000
Osmolality [mOsm/kg]	310	320	360	320
pH	6.8–7.6	6.8–7.6	6.8–7.6	6.8–7.6
Shelf life [years]	3	3	3	3
Storage	2–25 °C	2–25 °C	2–25 °C	2–25 °C
Syringe volume [ml]	0.55 / 0.85	0.55 / 0.85	0.55 / 0.85	0.55 / 0.85
Cannula	27	27	25	27
Box [units]	single/5	single/5	single/5	single

Formula [ml]	Microvisc	Microvisc Plus	Microvisc Phaco	BBT visc
Sodium hyaluronate	10 mg	14 mg	25 mg	15 mg
Disodium phosphate dihydrate	1.4 mg	1.4 mg	1.4 mg	1.4 mg
Sodium chloride	8.3 mg	8.3 mg	8.3 mg	8.3 mg
Potassium dihydrogen phosphate	0.26 mg	0.26 mg	0.26 mg	0.26 mg
Water for injection	q.s.	q.s.	q.s.	q.s.

Characteristic explained	Surgical function
Cohesiveness	*A product that builds well in the eye, creates space and stabilizes the anterior chamber (AC). Is easy to inject and to remove from the AC.*
Dispersiveness	*A product that floats out in the eye, coating and protecting the corneal endothelium during phacoemulsification and supresses the formation of free radicals.*
Viscosity	*A substance with high viscosity at rest keeps a deep anterior chamber which is essential especially during increased vitreous pressure.*
Pseudoplasticity	*A high degree of pseudoplasticity means a product that easily transforms under pressure and that quickly reverts to its original form when at rest. Working with a product with high pseudo-plasticity means easy injection, IOL implantation and aspiration.*

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