



- ➔ edema corneale
- ➔ occhio secco
- ➔ uveite
- ➔ cheratiti
- ➔ erosione corneale
- ➔ cheratopatia bollosa
- ➔ distrofie corneali
- ➔ altre patologie..



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Hyper-CL™ Therapeutic Soft Contact Lens

Vision For All



Unmet Clinical Need

The use of drops to administer drugs is age old and carries with it many disadvantages. Only ~5% of the eye drop substance reaches the target organ. This low bioavailability often dictates frequent administration and a prolonged healing process.

Hyper-CL™ technology meets this urgent need as it is the only drug reservoir contact lens.

Hyper-CL™ Premium Therapeutic Contact Lens

Hyper-CL™ is a soft Therapeutic Contact Lens which also serves as a drug reservoir platform. The Hyper-CL™ increases eye drop contact time on the cornea and facilitates faster and better cornea healing. The innovative lens is based on patented technology from EyeYon Medical.

The lens special design enables capturing and maintaining any drop applied on the contact-lens surface. Its advanced design was found to be clinically beneficial in the treatment of multiple indications, making it a single technology that can treat various conditions. It is an approved treatment for corneal edema, corneal erosion, entropion, bullous keratopathy, Bacterial Keratitis, etc. The lens can also support treatment in post-surgical interventions and provides structural support in corneal dystrophies.

Proven Success For Multiple Indications

Bacterial Keratitis

Hyper-CL™ effectively extends corneal antimicrobial availability and drug contact time. It was shown to also accelerate corneal healing in Bacterial Keratitis. Results indicated:



Better & Faster healing of the cornea



Significant improvement in pain



Earlier Vision recovery



Reduced treatment burden



No serious adverse events occurred while using the Hyper-CL™

Using our reservoir contact lens shortens administration regimen, reduces medical staff burden, improves patient tolerance, and decreases drug associated toxicities, overcoming the loading dose regimen.

Proven Success for Multiple Indications

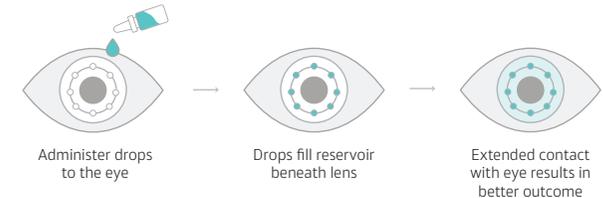
Mechanism of Action

Corneal Edema

Hyper-CL™ is the only indicated solution for relief of corneal edema symptoms. The Hyper-CL™ showed superiority over regular bandage contact lenses in terms of reducing cornea thickness¹. Additionally, it was clinically shown that up to 50% of patients will benefit from a significant visual acuity improvement, leading to a substantial increase in quality of life.

Hyper-CL™ Therapeutic Soft Contact Lens is designed to increase contact time of eye drops on the corneal surface. Its design includes dual base curves, fenestrations, and a reservoir. This design forms a cavity between the lens and the cornea, in which the instilled eye drops are trapped, extending contact time with the cornea.

The fenestrations improve drug accessibility to the epi-corneal space, as well as tear mixing while preserving oxygen permeability to the cornea.



Indication For Use (EU)

The Hyper-CL™ Therapeutic Soft Contact Lens is intended for short-term wear (up to 7 days) to promote corneal healing and relieve corneal pain by protecting the cornea during the treatment of acute or chronic pathologies, such as corneal edema, corneal erosions, entropion, bullous keratopathy and corneal dystrophies, as well as post-surgical conditions resulting from cataract extraction and corneal surgery. To increase the therapeutic effect, use of the Hyper-CL™ Therapeutic Soft Contact Lens in conjunction with an ophthalmic solution is recommended.

Hyper-CL™ Therapeutic Soft Contact Lenses can provide optical correction during healing, if required².

¹ Using a paired t-test for the unadjusted mean difference

² In the USA, the Hyper-CL™ is indicated for daily wear and is not indicated for use with ophthalmic solutions