



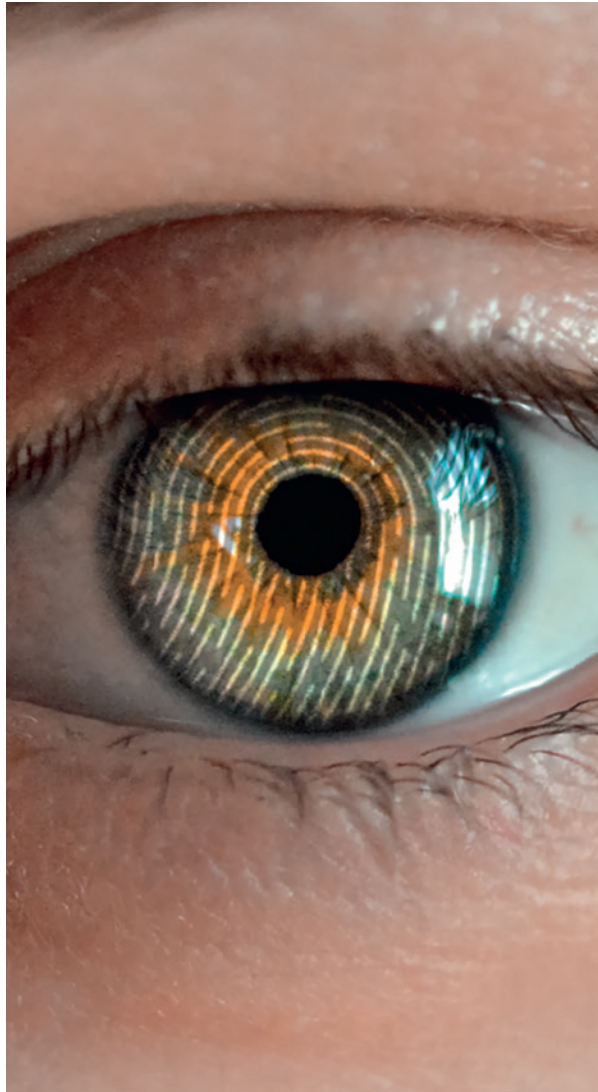
**WAVE**  
EYE CARE

CUSTOMIZED SPECIALTY  
**CONTACT LENSES**  
FOR EVERY PATIENT

# WAVE LENSES AT A GLANCE

	CLINICAL APPLICATION	SOFTWARE DESIGN			IMPRESSION TECHNOLOGY	SIMULATION FROM K READING			DIAGNOSTIC SET
		Corneal GP	Ortho-K	Scleral		Scleral	Corneal GP	Ortho-K	
NON-PATHOLOGICAL	Day Wear Vision Correction	CorneaLens		ScleraLens	EyeFitPro	CorneaLens		ScleraLens	WAVE Trial Lenses
	Astigmatism > 2.5 D	CorneaLens		ScleraLens	EyeFitPro	CorneaLens		ScleraLens	WAVE Trial Lenses
	Multifocal / Presbyopia	CorneaLens		ScleraLens	EyeFitPro EyePrintPro	CorneaLens		ScleraLens	
	Orthokeratology		NightLens				NightLens		
	Myopia Management		NightLens				NightLens		
	Dry Eye Syndrome			ScleraLens	EyeFitPro EyePrintPro			ScleraLens	WAVE Trial Lenses
PATHOLOGICAL	Keratoconus	CorneaLens		ScleraLens	EyePrintPro	CorneaLens		ScleraLens	WAVE Trial Lenses
	Post Refractive Surgery	CorneaLens		ScleraLens	EyePrintPro	CorneaLens		ScleraLens	WAVE Trial Lenses
	Post Graft	CorneaLens		ScleraLens	EyeFitPro EyePrintPro				WAVE Trial Lenses

# WAVE EYE CARE



## EVERY EYE IS UNIQUE

WAVE Eye Care is the leading brand for advanced specialty contact lenses, including Ortho-k, scleral lenses, and corneal GPs, powered by innovation and expertise – because every eye is unique.

WAVE Eye Care brings together the expertise of two pioneers in specialty contact lens fitting – **WAVE Contact Lens System**<sup>®</sup>, and **EyePrint Prosthetics** – to revolutionize custom contact lens care.

From topography-based lens design with WAVE to impression technology from EyePrint Prosthetics, we offer the solutions you need to handle even the most complex eyes.

WAVE Eye Care at a glance

## TOPOGRAPHY-BASED LENSES

NightLens  
ScleraLens  
CorneaLens

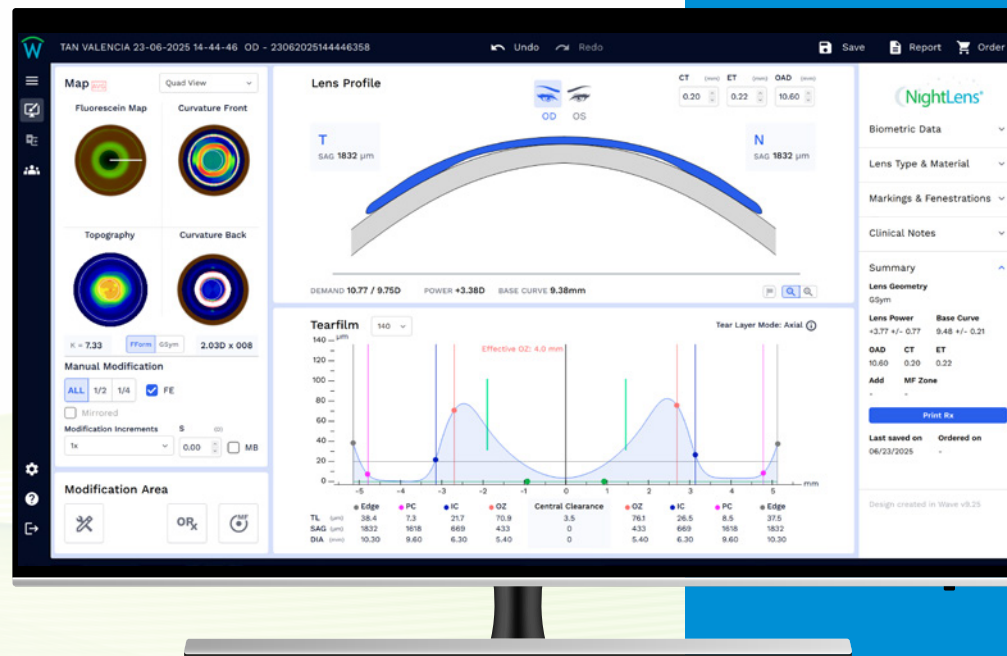
## IMPRESSION-BASED LENSES

EyePrintPro  
EyeFitPro

# WAVE CONTACT LENS SYSTEM®

Our Topography-Based  
Free-Form Technology  
Since 1999

From free-form Ortho-k lenses that reshape vision overnight, to custom RGP lenses built for lasting comfort, and scleral designs crafted for perfect 360° alignment – WAVE Contact Lens Designer delivers personalized solutions for every eye.



# EYEPRINT PROSTHETICS

Our Impression-Based  
Free-Form Technology  
Since 2014

EyePrint utilizes impressions of the ocular surface to design specialized contact lenses that match the shape of each individual eye. This highly customized fit results in greater stability of the lens, improving comfort for many patients.

Two pioneers  
with a vision

 EyePrintPro  
BY EYEPRINT

 EyeFitPro  
BY EYEPRINT



# WAVE CONTACT LENS SYSTEM<sup>®</sup>

## TOPOGRAPHY-BASED LENSES



”

I have been designing all my rigid lenses for more than 27 years. The process became much easier with the introduction of corneal topography for both corneal and orthokeratology lenses.

**It has been a game-changer for me – making lens design faster and easier while significantly reducing the need for lens reorders and chair time.**

“

**DADDI FADEL**

*DOptom, FSLs, FBCLA, FAAO, Canada*



## EXPERT OPINIONS

”

**I'm no longer trying to fit the patient to the lens – I fit the lens to the patient.**

Cases that once seemed difficult or uncertain now feel open, manageable – and genuinely solvable. The level of customisation is extraordinary. With WAVE, each cornea receives a design uniquely tailored to that eye.

“

**FERNANDO J FERNÁNDEZ-**

**VELÁZQUEZ** *OD, MCOptom, FBCLA, Spain*



”

**The ability to design individual lens geometries precisely according to topographical data and individual eye shape means that even complex corneal shapes can be reliably treated.**

This combination of precision, flexibility and genuine customisation enables us to offer patients exceptionally high spontaneous tolerance and visual quality.

“

**DANNY KÖHLER**

*Dipl.-Ing. (FH) Ophthalmic Optics, Germany*



# WAVE LENS DESIGNER SOFTWARE

WAVE Lens Designer software is a sophisticated and robust custom contact lens platform for designing and fitting scleral, Ortho-k and corneal GP contact lenses. It provides you with an advanced CAD/CAM software platform to empirically design fully customized rigid contact lenses based on patients' corneal topography or tomography maps. The designs can then be sent to the lab for production.



## Compatible Diagnostic Devices

The following measurement technologies work seamlessly with WAVE:

- OCULUS Pentacam® Cornea OCT
- OCULUS Pentacam® AXL Wave
- OCULUS Pentacam® AXL
- OCULUS Pentacam® HR
- OCULUS Pentacam®
- Medmont Meridia™
- Medmont E300
- OCULUS Keratograph® 5M
- OCULUS Keratograph® 4
- OCULUS Easygraph
- Eaglet Eye Surface Profiler
- Topcon MYAH
- Other corneal topography systems\*

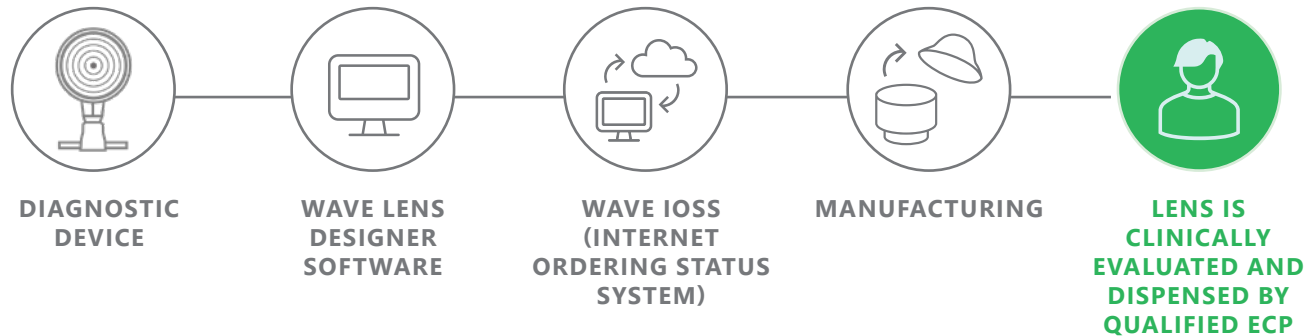
\* For a complete and up to date list of all compatible topographers, please visit [wavecontactlenses.com](http://wavecontactlenses.com)

# FROM DATA TO DESIGN

## THE WAVE LENS JOURNEY

### How To Design A WAVE Lens

Customizable Solutions:  
For Those Who Want To Design  
Contact Lenses Themselves Or  
Use Our Concierge Service



### WE CAN DESIGN A WAVE CONTACT LENS FOR YOU!

The Concierge Service is an alternative to designing your own WAVE contact lenses. You can send the topography maps and Rx to our expert designers and receive a custom WAVE scleral, corneal GP, or Ortho-k contact lens design.

## Design a WAVE lens in 3 easy steps

1

### IMPORT CORNEAL TOPOGRAPHY DATA INTO WAVE

You need a compatible corneal topographer or tomographer to design a WAVE Contact Lens. Simply link your device to WAVE software and you can import the data with a click of a button.

2

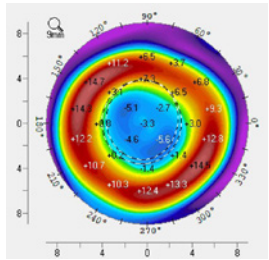
### ENTER Rx

Enter the patient's subjective refraction. If you are not able to obtain a reliable refraction, you can use an existing trial lens set to measure the over-refraction and enter that data into the WAVE Lens Designer Software.

3

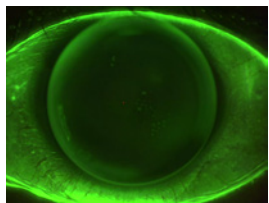
### DESIGN A CUSTOM CONTACT LENS

Use the endless possibilities of the WAVE Lens Designer Software to create a one-of-a-kind customized contact lens for your patient. Send the order to the lab for manufacturing with one click.



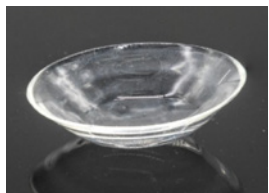
## Free-form Ortho-K Night Wear Lenses

Since the early 2000s, WAVE's 100 % topography-based Ortho-k lenses have set the gold standard for personalized orthokeratology. Trusted by leading practitioners worldwide, WAVE simplifies the creation of custom toric or free-form designs in just a few steps. Easily adjust optic and treatment zones for optimal results – even in complex cases like against-the-rule astigmatism or low eccentricity. Elevate your practice with the NightLens by WAVE.



## Custom RGP Contact Lens For 24/7 Comfort

CorneaLens by WAVE is a fully custom contact lens designed from precise corneal topography data to match each eye's unique shape. Thinner, more comfortable, and better centered than standard RGP lenses, CorneaLens allows complete design flexibility – spherical, toric, or free-form single vision and multifocal options. With advanced adjustments for zone size, thickness, and geometry, WAVE delivers precision and performance in every fit.



## Custom Scleral Lenses Designed For 360° Alignment

ScleraLens by WAVE is a premium custom scleral lens designed for exceptional comfort and visual performance. Seamlessly integrated with the OCULUS Pentacam CSP and Eaglet Eye Surface Profiler, WAVE automatically imports precise scleral data to create a personalized free-form design. With intuitive tools for fine-tuning, ScleraLens ensures an accurate fit and superior results for every patient.

  
**NightLens**  
BY WAVE

  
**CorneaLens**  
BY WAVE

  
**ScleraLens**  
BY WAVE



### WAVE TRIAL LENSES AT A GLANCE

SETS	SIM-K		TOTAL SAG		SAG @ 15mm		OTHER PARAMETERS			
	H	V	H	A SAG	H	A SAG	BC	POWER		
OSMA 15mm	Lens 1	38	42	2761	512	3581	174	6.87	-2.00	30°
	Lens 2	40	42	2862	571	3763	174	8.45	-3.50	30°
	Lens 3	42	44	4130	582	3927	182	8.07	-3.00	30°
	Lens 4	44	46	4334	596	4117	196	7.72	-3.50	30°
OSMA 17mm	Lens 5	46	48	4881	591	4524	196	7.40	-4.00	30°
	Lens 6	48	50	5084	604	4523	205	7.11	-4.50	30°
	Lens 7	50	52	5276	620	4730	213	6.84	-5.00	30°
	Lens 8	52	54	5455	626	4947	221	6.59	-5.50	30°
OSMA 19mm	Lens 9	54	56	6051	640	5362	234	6.37	-6.00	42°
	Lens 10	56	58	6709	656	5786	239	6.17	-6.50	30°

# WAVE TRIAL LENSES

With our customizable trial lens set, practitioners can design the perfect contact lens for their patient even without a compatible device. Choose from one of the available lenses or design your own. All the trial lens designs are available in the WAVE Lens Designer Software and can be freely modified to meet individual needs.



## Resources



### CLINICAL SUPPORT

Support from our Clinical Support Team



### CONSULTATION BOOKINGS

Schedule a LIVE Session



### WAVE ACADEMY

Free Courses for WAVE Designers



### CONCIERGE SERVICE

Submit a Case to our Expert Contact Lens Designers



### ORDER TRACKING

Internet Order Status System



### USER GUIDES

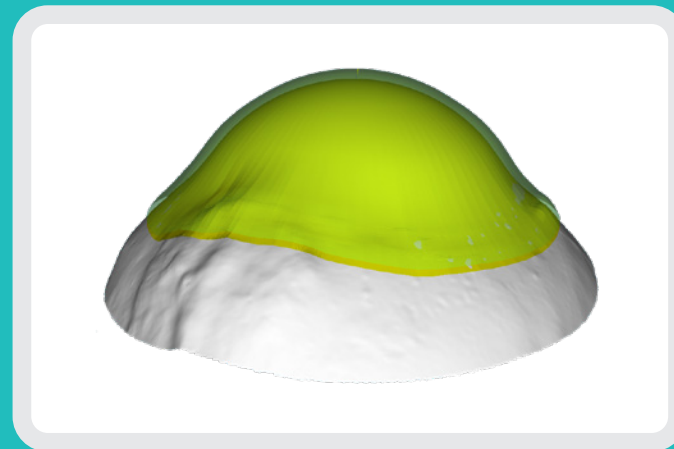
Downloadable User Manuals

Find a local distributor near you at

[WaveContactLenses.com/distributors](http://WaveContactLenses.com/distributors)

# EYEPRINT PROSTHETICS

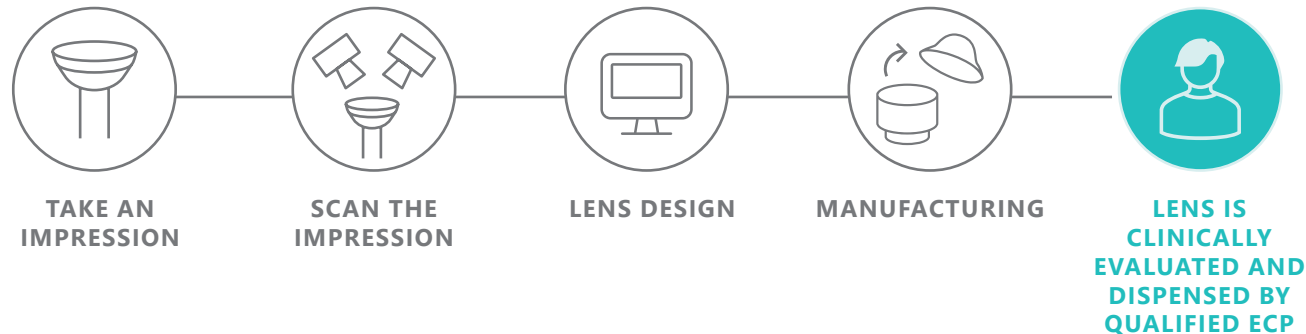
IMPRESSION-  
BASED LENSES



# FROM IMPRESSION TO DESIGN THE EYEPRINT LENS JOURNEY

For Every  
Eye its own  
Solution

A Fitting Solution for the most Complex Cases: EyePrintPro and EyeFitPro. Engineered to Address all Optical Challenges.



**EyePrintPRO** captures the ocular surface with micron-level precision and supports diameters up to 23 mm, making it ideal for severe ocular irregularities, trauma, or post-surgical cases. Its high-resolution impression process allows precise alignment and advanced optical customization, including prism and decentered optics.

**EyeFitPRO**, with diameters up to 18 mm, offers the same impression-based technology in a simplified format for standard to moderately irregular corneas. Both provide accurate fittings, but EyePrintPRO remains the choice for the most complex eyes.

Order an impression-based lens in 3 steps

1

## TAKE AN IMPRESSION OF THE EYE

Fill the tray with our special two-component mix and place it on the eye- Wait until it sets, then gently remove the impression. Check the quality of the impression and repeat the process if necessary.

2

## CREATE AN ORDER WITH PATIENT'S DETAILS

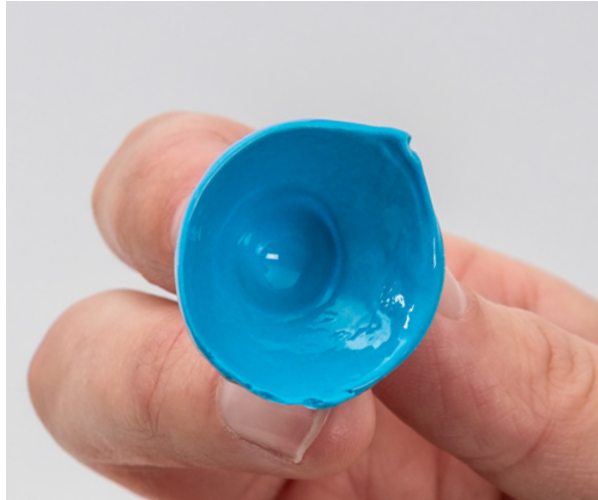
Visit the ordering webpage. Create a new patient or select an existing one, then create a new order. Use an existing trial lens set to measure the over-refraction and enter the data into the order form.

3

## SHIP THE IMPRESSION TO THE SCANNING STATION

Print the provided shipping label and send the impressions to the nearest scanning station. Our designer will create the ideal contact lens from the scan and submit it for production.

## 360° Scleral Profile Matching



EyePrintPro by EyePrint Prosthetics is a custom, impression-based scleral lens for eyes affected by disease, trauma, or irregularity.

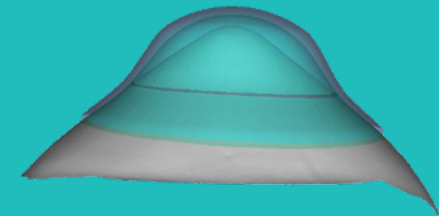
Built from an exact ocular impression using Elevation Specific Technology, it fits each eye like a fingerprint for unmatched vision and comfort – with fully customizable optics including prism, multifocals, and HOA correction.



### IMPRESSION TECHNOLOGY

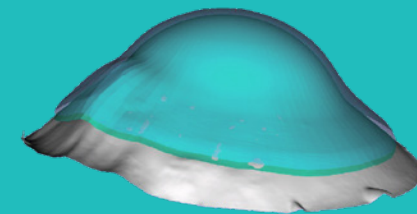
Impression-based scleral lens technology captures an exact mold of the eye, creating a contact lens that mirrors its unique shape. The result is superior comfort, stability, and clarity – ideal for complex conditions like keratoconus, severe dry eye, or irregular corneas.

  
**EyePrintPro**  
BY EYEPRINT



#### *EyePrintPro Cornea*

*An eye with advanced keratoconus requiring a contact lens with an extreme sagittal depth that varies from its center to the periphery.*



#### *EyePrintPro Sclera*

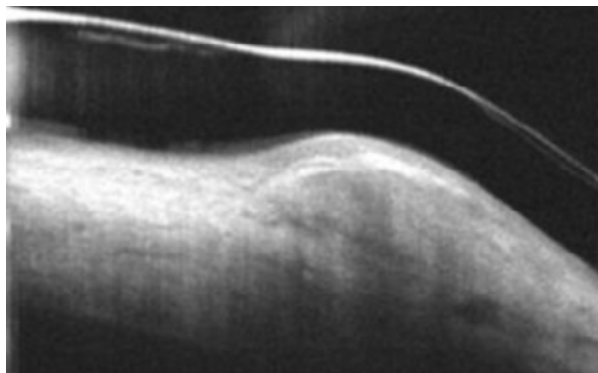
*An extreme scleral elevation requiring a highly customized scleral landing zone.*

## A Customized Lens Made For The Unique Eye



EyeFitPro delivers the precision of impression-based design for patients with mild to moderate irregularities.

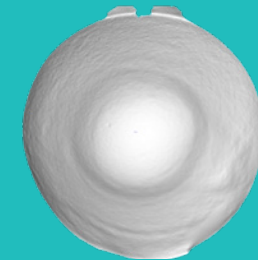
Ideal for those with standard corneas, pingueculas, dry eye, or post-RK or LASIK eyes, it provides a simplified fitting process, exceptional comfort, and customizable optics – including multifocals, decentered designs, and HOA correction.



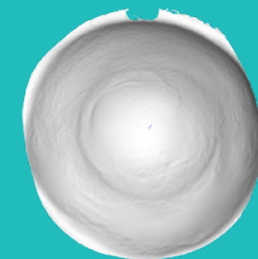
### ELEVATION SPECIFIC TECHNOLOGY

Elevation Specific Technology (EST) maps every contour of the eye – elevations, depressions, and asymmetries – to create a contact lens that fits with unmatched precision and comfort. The result is superior performance for even the most complex eyes.

**EyeFitPro**  
BY EYEPRINT



*For Corneal Transplant  
and Pinguecula*



*For mild to moderate Keratoconus*

# CONTACT US TO GET STARTED



[www.wave-eye-care.com](http://www.wave-eye-care.com)

